31 October 2020

AIR FORCE OFFICER CLASSIFICATION DIRECTORY (AFOCD)

The Official Guide to the Air Force Officer Classification Codes

A Specialty for Every Air Force Job
and
The Qualifications Necessary to Perform Each Job

OPR: HQ AFPC/DP3DW Certified by: HQ AFPC/DP3
Supersedes AFOCD 30 April 2020

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This Guide established the occupation structure of the Air Force officer force and implements Air Force Policy Directive (AFPD) 36-21, *Utilization and Classification of Air Force Military Personnel*. The occupational structure is flexible to permit officer personnel to broadly specialize as necessary to meet changing mission requirements. Refer to AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted),* for military classification tenets and base level procedures. Specialty descriptions and other identifiers outline essential Air Force managerial, technical, and professional duties. The job structure and specialties provide a planned pattern of officer abilities. Officers must work with commanders and supervisors to develop their capabilities within these specialties. Maintain and dispose of records created as a result of prescribed processes in accordance with the Records Disposition Schedule (RDS) accessed from the web-based Records Information Management System. RELEASABILITY: There are no releasability restrictions on this publication.

SUMMARY OF REVISIONS

This guide is the official directory for all military officer classification descriptions, codes, and identifiers. Updates to this directory are according to the Air Force Career Field Managers' Guide available at the myPers. This update contains all changes that have been approved and scheduled for implementation on 31 October 2019 and provides Change Summary and Conversion Instruction Guides (CS&CIG) or Change Summary Guides (CSG). Each CS&CIG will include a summary of each change, conversions 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 its numeric sequence for that particular year. Additionally, minor changes and corrections throughout the publication include correcting spelling or editing errors. When a star () 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.

1. Using This Directory

1.1. This Directory contains the Change Summary and Conversion Guide, Quick-Reference Guide, Officer Classification Structure Chart, Authorized Prefixes, Reporting Identifiers, Special Duty Identifiers, Air Force specialty descriptions, List of Officer AFSCs Authorized for Use Without Shredouts, and Officer Special Experience Identifiers. The descriptions and codes identify different types of jobs, and qualifications needed to fill them and succeed in an AFS. These standards help classify and assign officers, develop programs for training and professional development, and structure unit manpower documents.

1.2. AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*, provides guidance to award and withdraw officer classification codes. Manpower procedures are in AFI 38-201, *Determining Manpower Requirements,* respectively.

AFOCD
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SECTION I

(Changed 31 Jan 12)

Cross-Functional AFSC Applicability

SECTION I-A

(Established 31 Jan 12)

Foreign Language Skills

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

SECTION I-B

AUTHORIZED PREFIXES
(Changed 30 April 2020)

Prefix A
Operational Warfare Instructor
(Changed 30 April 2020)

Prefix A identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring knowledge of the characteristics, operation, integration, and effects of fighter, bomber, airlift, rescue, reconnaissance, information operations, space, and weapons on the operational level of warfare, and the ability to instruct in this discipline.
The operational warfare instructor plans, organizes, and instructs in all areas pertaining to the development and execution of an Air Campaign. This includes the integration and execution of all capabilities and forces on the operational level of warfare. Operational warfare instructors will normally be assigned as cell and team chiefs in operational Air Operations Centers. Cell and Team Chiefs of the following areas are authorized attendance to the C2WAC: Strategy, Plans, Ops, ISR, Air Mobility, JGAT, Ops Assessment, MAAP, ATO Production, C2 Plans, Off Ops, Def Ops, TMO, Tgt/BDA, ACF, ISR Ops, IW, Space, Comm, Rescue, Legal, Logistics, SOLE.

Affix to the Duty AFSC upon assignment of officers 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 officer remains qualified.

Officers must possess the following prerequisite for award of this prefix:

Completion of the Command and Control Warrior Advanced Course (C2WAC) (PDS code CON and PDS 1ZZ).

Use prefix A only with the following awarded AFSCs:
11XX 12XX 13BX 13DX 13MX 13NX 13OX 13SX 14N1/3/4 16GX 17DXS 17SXS 18XX 19Z3A/4A 19Z3B/4B 19Z3C/4C 21AX 21MXX 21RX 51JX

★Prefix B
Squadron Operations/Operations Support Officer
(Change 31 October 2020)

Prefix B identifies positions on manning documents and officers serving in, or qualified to serve in, positions as Squadron (Sq) Operations Officer or senior Sq Operations Support Officer in operational Sqs assigned to operations groups at the wing level.
NOTE: This prefix is not authorized for use in operations groups at any level, or in Squadrons that report directly to organizations above wing level (e.g. FOA, DRU, NAF, and MAJCOM). It is authorized for use in operations Squadrons or in operations support Squadrons that report to an operations group aligned directly under a numbered Air Force ([NAF)]. Also, it is authorized in Weather Squadrons that are assigned to an Air Operations Group aligned under a NAF, and in Intel Squadrons assigned to independent Intel Groups aligned directly under 25th AF. Prefix is authorized for Battlefield Airmen training and training support squadrons assigned to a Battlefield Airman Training group. Prefix is authorized for Director of Operations (DO) positions within the 81st Training Wing's cyberspace training squadrons.
This prefix is restricted to Maj or Lt Col authorizations on manpower documents.

Affix to the Duty AFSC upon assignment of officers to these positions and retained only so long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) if the officer demonstrates qualification as a Squadron Operations Officer or Squadron Operations Support Officer.

Retain the prefix as long as the officer remains qualified.

Use prefix B only with the following awarded AFSCs:
11X3/X 12X3/X 13XX/X 14F3 14N3 15W3/X 17DXS 17SXS 18X3/X 19Z3A/B/C 62E3F

Prefix C
Commander
(Changed 30 April 2020)

Prefix C identifies positions on manning documents and officers serving in, or qualified to serve in, positions of command below group level, such as squadrons, support squadrons, and detachments.

NOTE: Persons serving in, or qualified to serve in, C prefix positions must be delegated authority, in writing, to administer actions under Article 15 Uniform Code of Military Justice.

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

Award and affix to the awarded qualified (XXX3/X) AFSC (primary, second, or third) when qualification as a commander has been demonstrated. Normally, Prefix C will be affixed to the awarded AFSC in which duty as a commander is being performed. It will be retained as long as the officer remains qualified as a commander.

Officers must possess the following prerequisites for the award of this prefix:
1. Knowledge of military administration, military justice, and personnel management.
2. A minimum of 12 months of experience in a command position before award.
3. Have met the qualifications for and been awarded the qualified (XXX3/X) functional AFSC IAW AFI 36-2101 and the individual AFSC specialty description herein.
4. Certification by immediate supervisor that the officer possesses commander qualifications.

The following AFSCs are **NOT AUTHORIZED** for use with Prefix C:
10C0 17C0 20C0 30C0 33C0 38F3Q 40C0 52RX 60C0 80C0 81C0 81T0 82A0 84H0 86M0 86P0 87XX 88A0 9XXX

Prefix D
Advanced Logistics Officer Course Graduates
(Changed 30 April 2020)

Prefix D identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring functional area expertise and knowledge of the following:
1. AFSCs 21AX and 21MX – Aircraft sustainment and employment requirements of an Aerospace Expeditionary Force, all associated Agile Combat Support processes, and developing maintenance and munitions tactics, techniques, and procedures.

2. AFSCs 41A3X/4X – Medical logistics tactics, techniques, and procedures required to support the medical supply chain, equipment maintenance, property management, vehicle control, and facility management in support of Air Force Medical Service (AFMS) mission objectives. Medical logistics officers must understand the allocation and distribution of funds in the organization's budget in order to manage the medical logistics function.

Award and affix to the Primary AFSC when qualification has been demonstrated. Officer must satisfy the following criteria for award of this prefix:

1. AFSCs 21AX and 21MX – Successful completion of the Combat Support Course (CSC) or Advanced Sortie Production Course (ASPC) offered through the Advanced Maintenance and Munitions Officers School (AMMOS).

2. AFSCs 41A3X/4X – Successful completion of the Air Force Institute of Technology (AFIT) training courses LOG 199, Introduction to Logistics (AF); LOG 299, Combat Logistics; completion of the Air University Contingency Wartime Planning Course; and have 18 months of experience as a Medical Logistics Flight Commander.

Use prefix D only with the following awarded AFSCs:
13O3/4 21AX 21MXXX 41A3X/4X

Prefix E
Electronic Warfare (EW) Support Duty
(Changed 30 Apr 2020)

Prefix E identifies positions on manning documents and officers 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 Electronic Warfare (EW) operations, or
2. The ability to plan, program, and execute the research, development, and acquisition of EW forces, or
3. The ability to plan, program, and execute tasking of operational EW forces at a higher headquarters.

Officers in these positions require knowledge of US and foreign EW systems, capabilities, vulnerabilities, strategies, tactics, operations and related activities, and support Electronic Combat Coordinators and other EW operations positions.

Affix to the Duty AFSC on assignment of officers to these positions and retain only so long as they are incumbents.

Award and affix prefix to the awarded AFSC (primary, second, or third) in which qualification as an EW support officer is demonstrated. Retain as long as the officer remains qualified. Award by headquarters no lower than Numbered Air Force level.

Officers must satisfy one of the following criteria for award of this prefix:
1. Completion of one of the following courses plus 6 months EW duty:
1.1. EW Coordinator's Course (S-V8E-S) (PDS Code JWK);
1.2. NATO Joint Service Course for Electronic Warfare Planning and Analysis in Exercises (PDS Code 474);
1.3. Air Defense Command and Control Warfare Course (PDS Code 474);
1.4. AWACS Electronic Combat Officer ECO Instructor Upgrade (PDS Code WIM);
1.5. Fighter Electronic Combat Officer Course (PDS Code XSX),
1.6. Non-Traditional Electronic Warfare Applications Course (NEWAC) (S-V9E-S) (PDS Code 9O1)
1.7. Coalition/Joint Electronic Warfare Course (C/JEWC)
1.8. Tactical Electronic Warfare Operation (TEWO) Course (3B-SI/AsI1K/230- ASI1K [CT])
1.9. Joint Electronic Warfare Theater Operations Course (JEWTOC)
1.10. AAC RPA Electronic Combat Officer Course (RECOCO-(11X/ 18X Only)
1.11. Global Hawk Electronic Combat Officer Course (GHECOC)
OR
2. Twenty-four months of experience in an EW staff position.

Use prefix E only with the following awarded AFSCs:
11X3/4 12X3/4 13X3/4 13S4X 14F1/3 14N3/4 15AX 17DXS 17SXS 18X3/4 19ZXA/B/C 21A3/4 21M3X/4X 61X3/X 62E3/4 62S0

Prefix F
Aircraft Systems Flight Evaluation

Prefix F identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring the ability to perform flight evaluations or functional check flights on aircraft and components.

Affix to the Duty AFSC upon assignment of officers to these positions and retain only as long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification as an Aircraft Systems Flight Evaluation Officer has been demonstrated. Retain as long as the officer remains qualified

Officers must possess the following prerequisites for award of this prefix:

1. Flying Status Code as listed in AFI 33-110, Data Administration Program.
2. Ability to perform functional check flights or flight evaluations on aircraft.
3. Authorization by unit commander to perform functional check flights or flight evaluations on aircraft.
4. A minimum of 18 months of experience in aircraft systems flight evaluation assignments. For officers possessing AFSCs 62EX or 63AX and are incumbents of positions of Chief, Test and Deployment, and Director, Test Force Development, a minimum of 6 months of experience and current qualification in the system or the prototype for which the incumbent has development responsibility is required. For officers assigned primary duty as functional check flight pilots, or navigators who have completed a formal course of instruction on functional check flight duties and have 3 months of experience in aircraft systems flight evaluation assignments, the 18 months of experience requirement is not applicable.

Use prefix F only with the following awarded AFSCs:
11X3 12X3 18X3 21AX 21RX 60C0 62EX 62S0

Prefix G
Automated Systems Program Director
(Changed 30 April 2018)

Prefix G identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring functional area expertise with the ability to design automated systems programs for the computers associated with an auto-mated Air Force function. Do not use this prefix to identify positions and personnel with full qualification in the Cyberspace Operations Career Area. AFSCs 17DXX are more appropriate. The Automated Systems Program Designer (ASPD) interprets and refines plans and specifications prepared by the systems analysts, and prepares system logic flowcharts depicting an automated problem solution for which detailed functional area knowledge is essential. During program development, ASPDs use functional area knowledge to expedite the conversion of plans, flowcharts, and specifications of operational sequences into machine instructions. This includes developing general methodology, processing logic above detailed level, and data processing materials within system input and output.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification as an ASPD has been demonstrated. Retain as long as the officer remains qualified. Award and delete by headquarters no lower than major command level.

Officers must possess the following prerequisites for award of this prefix:
1. Twelve months of experience in the operational aspects of an Air Force functional area while serving in an authorized AFSC applicable to that area.
2. Completion of a formal training course in computer systems design and programming, and a minimum of 12 months of experience performing the duties described above. This experience is in addition to the experience required in paragraph 1 (6 months of additional experience may be substituted for the formal training course.)
3. Possession of an authorized AFSC at the qualified or staff level.
4. Certification of capability to design automated data program systems associated with the automated function by the unit commander or supervisor of the automated system.

Use prefix G only with the following awarded AFSCs:
13SXA 14N3/4 15W3/X 18X3/4 21R3 38F3 41A3/A 62E3 62S0 65FX

Prefix H
Military Consultant to the Surgeon General
(Changed 30 April 2020)

Prefix H identifies officers selected by the Air Force Surgeon General's Officer Classification Board as having achieved consultant status in a particular medical service or physiological support specialty.

Do not use this prefix on manning documents. Do not affix to the Duty AFSC of officers.

Award and affix the prefix to the awarded AFSC (primary, second, or third) in which the officer has been selected as a Military Consultant to the US Air Force Surgeon General. Do not award the prefix without prior approval by HQ USAF Surgeon General. Officer must be selected by the HQ USAF Surgeon General's Officer Classification Board as having achieved consultant status in a particular medical service specialty for the award of this prefix.

Use prefix H only with qualified level awarded AFSCs in the medical career area, or pilot or navigator physiological training specialists (AFSCs M11XX or M12XX).

Prefix I
Reserved
(Changed 30 April 2020)

Reserved.
Use prefix I only with the following awarded AFSCs:

11C0	11B2Y	11B3X/4X	11F3G/4G
11F3H	11F4Y	11H3C	11M1F/2F/3F/4F
11M3K/4K	11M4S	11M3T/4T	11M3V
11M3Y	11R1G/2G/3G/4G	11R1J/2J/3J/4J	11R3Y/4Y
12B3X/4X	12F3F	12F3G	12F3W
12M1F/3F/4F	12M4T	12R1H/3H/4H	12R1J/3J/4J
12R3Y/4Y	13N3/4	13S3X/4/X	14N3/4
15A4	16G4	16P4	16R4
17C0	17DXS	17SXS	20C0
21A3/4	21M3X/4X	21R3/4	30C0
31P3/4	32E4	32E3G	32E3H
32E3K	38F4	42G3/4	42G3N/P
42G4N/P	44F3	44P3	46F3
46N3	46Y3H	48A3	48R3/X
60C0	61A4	61D3/4	61D3N/4N
62E3A	62E3B	62E3C	62E3E
62E3F	62E3G	62E3H	62E4
63A3/4	81T0	86M0	86P0
90G0	91C0	91W0	

Prefix J
Parachutist
(Changed 30 April 2020)

Prefix J identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring parachutist qualifications.

Affix to the Duty AFSC upon assignment of officers to these positions and retained only as long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification as a parachutist is demonstrated. Retain only so long as the officer remains qualified.

Officers must possess the following prerequisites for the award of this prefix:

1. Successful completion of parachutist training.
2. Physical qualification to perform parachute duty according to AFI 48-123, *Medical Examinations and Standards*.
3. Parachute rating

Prefix K
Instructor
(Changed 30 April 2020)

Prefix K identifies positions on manning documents and officers serving in, or qualified to serve in positions as an Instructor Pilot, Navigator, Air Battle Management Officer, Space, Nuclear and Missile Operations, Command and Control, Aerial Reconnaissance Weather Officer, or Airborne Intelligence Officer for the weapon system with which the AFSC is associated.

Affix to the Duty AFSC upon assignment of officers 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 has been demonstrated. Retain as long as the officer remains qualified.

Use prefix K only with the following awarded AFSCs:
11X3 12B2E 12X3 13BXU 13B3B/C/D/K/M/Y/Z 13N3/2 13S3A/B/D/E 13N1/2/3 13O2/3 14N3 15W3/X 17DXS 17SXS 19ZA/B/C 18X3X

Prefix L
Aircrew Flight Equipment

Prefix L identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring functional area expertise with the ability to plan, organize, coordinate, and direct training of aircrews in ejection and emergency egress, parachute use, survival kits and components, protective clothing, refresher survival procedures, and rescue. Officers performing these duties determine unit aircrew flight equipment requirements; supervise use, care, storage, inspection, and fitting of aircrew flight equipment; review aircraft accident, safety, and operational hazard reports for aircrew flight related equipment; supervise training of survival training and protective equipment personnel; and supervise training of aircrews in use of aircrew flight equipment necessary to perform aircrew duties.

Affix to the Duty AFSC upon assignment of officers to these positions and retain only as long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification has been demonstrated. Retain as long as the officer remains qualified.

Officers must possess the following prerequisites for award of this prefix:

1. Successful completion of a life sciences equipment investigation course and 1 year of experience as an aircrew flight officer.
2. Current aeronautical rating and current flying status orders as a pilot, Combat Systems Officer (CSO), or Air Battle Manager (ABM).

Use prefix L only with the following awarded AFSCs: 11XX 12XX 13BX

Prefix M
Medical Service Specialist
(Changed 30 April 2020)

Prefix M identifies officers certified by an appropriate American Specialty Board or other board acceptable to the Air Force Surgeon General. See AFI 41-104, Professional Board and National Certification Examinations, for a list of approved boards and certification procedures for award of prefix M.

Do not use this prefix on manning documents. Do not affix to the Duty AFSC of officers.

Award and affix to the awarded AFSC (primary, second, or third) in which the officer has received certification. Delete this prefix upon award of prefix H. In the medical career area, use only with qualified (4XX3/X) awarded AFSCs.

Prefix M is also used to identify positions on manning documents and officers serving in, or qualified to serve in, positions as a qualified physiological training instructor in AFSCs 11XX and 12XX. Designation of these positions and certification of qualification for award of this prefix is by the office of the Chief, Flight Medicine, AFMOA.

For award with AFSCs 11XX and 12XX, completion of an approved formal physiological training instructor course is mandatory.

For physiological training, use prefix M only with AFSCs 11XX and 12XX.

Prefix N
Combat Systems Officer (CSO)/Air Battle Manager (ABM) Required
(Changed 30 April 2020)

Prefix N identifies first lieutenant through colonel positions on manning documents and officers serving in, or qualified to serve in, positions requiring rated knowledge and background of a navigator as an integral part of position requirements. These positions are rated requirements identified with nonrated AFSCs. All positions requiring this prefix to be authorized with a nonrated AFSC must be designated and authorized by Operational Training (HQ USAF/A3O-AT). Submit requests according to AFI 38-201, Determining Manpower Requirements. This prefix is not intended or authorized for use with rated AFSCs.

Affix to the duty AFSC upon assignment of officers to these positions, and retain only so long as they are incumbents.

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

When prefix N is affixed to an AFSC (manpower document, duty, awarded), one of the following suffixes must be affixed to the AFSC:

M- RPA CSO N-ABM P - Fighter CSO Q – Trainer CSO R - Bomber CSO S – Tanker CSO T – Airlift CSO
V–EWO W – General CSO Y – Spec Ops CSO Z - C2ISREW CSO

If an AFSC authorized for use with prefix N has authorized suffixes (e.g., 13S3A), then drop the existing suffix and use one of the suffixes listed above (e.g., N13S3W).

Officers assigned to prefix N positions must possess a current aeronautical rating and qualification for aviation service as a navigator.

Use prefix N only with the following AFSCs:
10C0 13AX 13MX 13S1A/B/D/E 13S3A/B/D/E 13S4 14NX 15AX 16FXJ/K 16PX 17DXX 17SXX 20C0 21RX 30C0 32EX 38FX 61XX (except 61CXN) 62EX 62S0 63AX 63G0 63S0 64PX 80C0 81C0 81T0 82A0 83R0 87G0 87I0 87Q0 91C0 97E0

Prefix O
Support Squadron Operations Officer
(Changed 30 April 2020)

Prefix O identifies positions on manning documents and officers serving in, or qualified to serve in, positions in non-operations squadrons assigned to non- operational groups at the wing level.

This prefix is restricted to Maj or Lt Col authorizations on manpower documents. Officers must possess the following prerequisites for the award of this prefix:
1. Knowledge of the full range of functional specialty operations as well as associated support activities within the squadron to fully support the commander/director.
2. Demonstrated research, data/information synthesis, and problem solving skills addressing functional and organizational issues within and between tactical units to integrate flight/section operations to meet squadron objectives.
3. A minimum of 12 months of experience assigned against an Operations Officer unit manpower document position and performing the specified duties.
4. Certification by immediate supervisor that the officer possesses Operations Officer qualifications.

Affix to the Duty AFSC (qualified only—XXX3) upon assignment of officers to these positions and retain only so long as they are incumbents. Permanently award prefix after having served 12 months in the position.

Award and affix to the AFSC (primary, second, or third) if the officer demonstrates qualification as a Squadron Operations Officer (has already completed the prerequisites) and meets all other functional AFSC requirements.

Prefix O is **NOT AUTHORIZED** with the following AFSCs:
11X3 12X3 13X3 (except 13O3) 14N3 15W3 17CX 17DXX 17SXX 18X3 51JX 52RX 62E3F 62S0 63S0 X0C0 81T0 84H0 87G0 88A0 9XXX (except 94N0)

NOTE: This prefix is not authorized for use in groups at any level, or in squadrons that report directly to organizations above wing level (e.g. FOA, DRU, NAF, and MAJCOM).

Prefix P
Pilot Required
(Changed 30 April 2020)

Prefix P identifies first lieutenant through colonel positions on manning documents and officers serving in, or qualified to serve in, positions requiring rated knowledge and background of a pilot as an integral part of position requirements. These positions are rated requirements identified with nonrated AFSCs. All nonrated AFSC positions requiring this prefix must be designated and authorized by Operational Training (HQ USAF/A3O-AT). Submit requests according to AFI 38-201, *Management of Manpower Requirements and Authorizations*. This prefix is not intended or authorized for use with rated AFSCs.

Affix to the duty AFSC upon assignment of officers to these positions, and retain only so long as they are incumbents.

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

When prefix P is affixed to an AFSC (manpower document, duty, awarded), then one of the following suffixes must be affixed to the AFSC:

M - RPA (11UX or 18XX)	P – Fighter	Q – Trainer	R – Bomber	S – Tanker	T – Airlift
V – Helicopter	W – General	Y – Spec Ops	Z – C2ISREW		

If an AFSC authorized for use with prefix P has authorized suffixes (e.g., 13S3A), then remove the existing suffix and use one of the suffixes listed above (e.g., P13S3W).
Officers assigned to prefix P positions must possess a current aeronautical rating and qualification for aviation service as a pilot.

Use Prefix P with only the following AFSCs:
10C0 13AX 13MX 13S1A/B/D/E 13S3A/B/D/E 13S4 14NX 15AX 16FXJ/K 16PX 17SXX 20C0 21RX
30C0 32EX 38FX 48AX 48GX 48RX 48VX 61XX 62EX 63AX 62S0 63G0 63S0 64PX 80C0
81C0 81T0 82A0 83R0 87G0 87I0 87Q0 91C0 97E0

Prefix Q
Standardization and Evaluation
(Changed 30 April 2020)

Prefix Q identifies positions on manning documents and officers serving in, or qualified to serve in standardization and evaluation positions as a Flight Examiner, Space Evaluator, Missile Evaluator, Command and Control Evaluator, Air Battle Management Evaluator, Aerial Weather Reconnaissance Evaluator or Airborne Intelligence Evaluator for the weapon system with which the AFSC is associated.

Affix to the Duty AFSC upon assignment of officers to these positions and retain only as long as they are incumbents. For AFSCs 11/12X3/4, retain as long as incumbent remains current, qualified, and accomplishing flight examiner duties.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification has been demonstrated. Retain as long as the officer remains qualified.

NOTE: For AFSCs 13NX and 13SXX, award of the prefix is only authorized for personnel who are qualified as mission ready.

Use only with the following awarded AFSCs:
11X2/3/4 12B2E/3E/4E 12X3/4 13B3/4 13NX 13O2/3/4 13S3X4X 14N3/4 15W3X/4 17DXS
17SXS 18X3X/4 19ZXA/B/C

Prefix R
Contingency/War Planner
(Changed 30 April 2020)

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

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

Award and affix to the awarded AFSC (primary, second, or third) when officers demonstrate contingency or war planner qualifications. Retain until changed or revoked by the AFSC career field manager with the concurrence of HQ USAF/A3OD.

Officers must satisfy one of the following 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).
OR
2. 12 months of experience in a prefix R position.
OR
3. For medical personnel (AFSCs 4XXX):
3.1. (1) Completion of a medical planner fellowship and served 6 mos in an R prefix position and have completed (2) Contingency Wartime Planners Course (CWPC), (3) Joint Medical Operations Course (JMOC) or Air Force Medical Planners Course.
OR
3.2. (1) Served 12 months in an R prefix position and have completed 2) Contingency Wartime Planners Course (CWPC), (3) Joint Medical Operations Course (JMOC) or Air Force Medical Planners Course. Additional details regarding medical planner responsibilities can be found in AFI 41-106, *Medical Readiness Program Management*
NOTE: Changes to this prefix must be approved by HQ USAF/A3OD.

Prefix S
Safety
(Changed 30 April 2020)

Prefix S identifies positions on manning documents and officers serving in or qualified to serve in positions requiring functional area expertise in Ground, Flight, Human Factors, Systems, Weapons (Missile, Explosives, or Nuclear) and Space Safety Programs. Officers awarded this prefix must be able to plan, organize, coordinate and direct safety programs, perform technical safety engineering functions, direct accident investigations, conduct safety surveys, analyze accident statistics by established standards, manage safety personnel and supervise safety education and training programs.

Affix to the Duty AFSC upon assignment of officers assigned to these positions and retain only as long as they are incumbents.

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

1. Weapons Safety

Officers performing duty or selected to perform duty in weapons safety functions (missile, explosives, or nuclear) must possess the following prerequisites for award of this prefix:
1.1. Successful completion of a Weapons Safety Manager course.
1.2. An entry or qualified AFSC.
1.3. Twelve months experience in a weapons safety assignment.
1.4 In the areas of weapons safety (missile, explosives, or nuclear), use only with the following awarded AFSCs: 11X4 12X4 13B 13NX 17DXS 17DXS 18X 21M3X/4X 62X 63X

2. Flight Safety

Officers performing duty or selected to perform duty in flight safety functions must possess the following prerequisites for award of this prefix:
2.1. Successful completion of a flight safety officer course, e.g., the Aviation Safety Program Management (ASPM) and Aircraft Mishap Investigation Course (AMIC), or the Air Combat Command Flight Safety Program Management Course and the AMIC, or the Air Reserve Component Chief of Safety Course (ARCCOS) and the AMIC; previous completion of the Flight Safety Officer Course (WCIP05C) or 12 months experience as a flight safety officer.
2.2. Current aeronautical rating and flying status orders as pilot, CSO, ABM, or remote pilot.
2.3. An entry or qualified AFSC.
2.4. Performance as a pilot, CSO, ABM, or remote pilot for a minimum of 4 years.
2.5. In the areas of flight safety, use only with the following awarded AFSCs: 11X 12X 13B 18X

3. Safety Engineering

Officers performing duty or selected to perform duty in systems safety engineering functions must have:
3.1. Successful completion of a Systems Safety Officer Course.
3.2. Twelve months experience in systems safety engineering functions.
3.3. An entry or qualified AFSC.
3.4. In the area of systems safety engineering, use only with the following awarded AFSCs: 11E 12E 32E 60C0 62X 63X

4. Occupational Safety

Officers performing duty or selected to perform duty in occupational safety functions must possess the following prerequisites for award of this prefix:
4.1. Twelve months experience in occupational safety functions.
4.2. An entry level or qualified AFSC.
4.3. Successful completion of the Safety Manager Course (WCIP05D).
4.4. In the areas of ground safety, use only with the following awarded AFSCs: 11X 12X 13X 16R 18X 32E

5. Space Operations

Officers performing duty or selected to perform duty in safety functions supporting space and missile operations must possess one of the following prerequisites for award of this prefix:
5.1. Successful completion of the appropriate Chief of Safety (COS) Course and AMIC or COS Course and Space Mishap Investigation Course (SMIC).
5.2. An entry level or qualified AFSC.
5.3. Twelve months experience in a space safety assignment.
5.4. In the area of space operations, use only with the following AFSCs: 13A 13B 13N 13S 17DXS 17SXS 18X
5.5. In the areas of nuclear and missile operations use only with the following AFSCs: 13NX 62E

6. Human Factors
Officers performing duty or selected to perform duty in human factors functions must possess the following prerequisites for award of this prefix:
6.1. Successful completion of the Aircraft Mishap Investigation Course.
6.2. Twelve months experience in a human factors safety position or equivalent
6.3. A qualified AFSC.
6.4. In the areas of human factors, use only with the following awarded AFSCs:
41A 42P 43A 44F/K/M/N/R/S 45A/G/N/U 48A 48R

7. Nuclear and Missile Operations
Officers performing duty or selected to perform duty in safety functions supporting nuclear and missile operations must possess one of the following prerequisites for award of this prefix:
7.1. Successful completion of the appropriate Chief of Safety and Mishap Investigation Non-aviation (MINA).
7.2. An entry level or qualified AFSC.
7.3. Twelve months experience in a nuclear or missile safety assignment.
7.4. Performance in qualified AFSC for a minimum of 2 years.
7.5. (13N only) In addition to one of the above, must be Combat Mission Ready (CMR).
7.6. In the area of nuclear and missile operations, use only with the following AFSCs: 13N 21M

Prefix T
Formal Training Instructor
(Changed 30 April 2020)

Prefix T identifies positions on manning documents and officers serving in, or qualified to serve in, positions as instructors in formal training courses. It applies to instruction in nonrated specialties, and in formal flying training courses.

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

For award of this prefix, must successfully complete a formal instructor training course. Affix to the awarded AFSC (primary, second, or third) in which the officer demonstrates qualification. Retain only so long as the officer remains qualified.

The following instructions apply to the use of this prefix for optometrist in AFSC 42EX and for physicians in AFSCs 41XX/A, 44XX, 45XX, and 48XX.

Do not award this prefix to officers if they possess prefix H. Otherwise, when approved by the major command, those who meet the following qualifications may be awarded this prefix to the specialty code in the medical field in which they are currently teaching:
1. Board certification in the specialty in which instruction is performed.
2. One year of teaching experience in the cited specialty.
3. 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/2/3AFSC).

Prefix withdrawal from awarded AFSC (P/2/3AFSC) is managed using the same guidance as AFSC withdrawal, therefore commanders and supervisors must review the conditions and procedural requirements in AFI 36-2101, Classifying Military Personnel (Officer and Enlisted), Chapter 4 and AETCI 36-2202, *Faculty Development and Master Instructor Programs*, before recommending withdrawal of this prefix.

For AFSCs 11XX, 12XX, 13BX, 13L3, 13L3A and 18XX, use prefix T to differentiate schoolhouse flying/training instructors and requirements from operational unit instructors and requirements identified with prefix K.
Officers in AFSCs 11XX, 12XX, 13BX, 13L3, 13L3A and 18XX, must successfully complete a formal instructor Training Course in the assigned specialty for award of this prefix.

Prefix U
Information Operations
(Changed 30 April 2020)

Prefix U identifies positions on manpower documents and officers 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), Military Information Support Operations (MISO), Operations Security (OPSEC), Cyber Operations (CO), or Electronic Warfare Operations (EW Ops).
AND
2. Integrating and coordinating these disciplines at the Unified Command, Numbered Air Forces (NAF), Combat Numbered Air Forces (C-NAF), Air Operation Centers (AOC), IO Reachback organizations, or Information Operations Team (IOT) level positions.
AND
3. IO doctrine, structure, and procedures, including threats, legal issues, ISR assets, and capabilities, as well as national, DoD, and Service organizations and functions or Graduation from the Joint Interface Control Officer (JICO) course (JT-301) with a previous award of experience set Y-8H or Y-9B.

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

Officers performing these duties are involved in processes and functions to gain, exploit, defend, and attack information and information systems. They also manage the distribution of products and services to Air Force Forces (AFFOR) and Joint Forces Air Component Commander (JFACC).

Affix prefix U to the duty AFSC (qualified or staff level) upon assignment of officers to these positions and retain only so long as they are incumbents and remain qualified.

Award and affix to the awarded AFSC (primary, secondary or tertiary) in which Information Operations qualification has been demonstrated.

Officers must possess the following prerequisite for award of this prefix:
1. Successful completion of the IO Integration Course (IOIC) (PDS code ON8) and
2. Six (6) months experience in a prefix U position.

Use prefix U with only the following AFSCs:
11X3/4 12X3/4 13X1/3/4 14N1/3/4 16X3/4 17DXS 17SXS 18X3/435P3/4 42P3/4 42P3E/4E 71S3/4

Prefix V
Automated Functional Application Analyst
(Changed 30 April 2020)

Prefix V identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring functional area expertise with the ability to analyze, design, and manage the computer application of an automated Air Force function. Do not use this prefix to identify positions and personnel with full qualification in the Communications-Computer Systems Career Area. The use of AFSCs 17DXX is more appropriate. The Automated Functional Applications Analyst functionally analyzes requirements, defines objectives, and determines how they can be met more effectively by automated methods. The analyst develops complete plans and constructs general and detailed flowcharts and block diagrams to depict graphically the systems logic and processing flow from initial inputs to final outputs.

Affix to the Duty AFSC on assignment of officers 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 as an automated functional applications analyst is demonstrated. Retain the prefix only so long as the officer remains qualified.

This prefix is awarded and deleted by headquarters no lower than major command level.

Officers must possess the following prerequisites for the award of this prefix:
1. Extensive experience in the operational aspects of an Air Force functional area.
2. An entry or qualified AFSC.
3. A minimum of 2 years of experience in design and analysis of automated systems within that functional area (operational or technical) while serving in an authorized AFSC applicable to the particular function. Experience must include performing systems feasibility or application studies for that automated system. Full qualification in prefix G, Automated Systems Program Designer, may be substituted for 1 year of experience.
4. Knowledge of computer programming functions and techniques.
5. Certification by the unit commander or supervisor of capability to perform as a systems analyst associated with the automated functions.
6. Completion of a formal systems analyst course is desirable.

NOTE: Only the major command may grant a waiver of the mandatory training requirement.

Use prefix V with only the following AFSCs:

11X3/4	12X3/4	13B4	13B3X	13M3/4	13N3/4	13S4/X	13S3X	14F1/3/4	14N3/4	15A3	15W3/4	16RX
21A3/4	21M3X/4X		21R3/4	32E3/4	35P3/4	38F3/4	41A3/A/4/A		43B3/4	43D3/4	43E2/3/4	
43P3/4	43T3/4		44A3	45S3/4	46N3/4	46YXX	47G3/4		48R3X/4X	48VX	61X3	62E3/4
62S0	63A3/4		63G0	63S0	64P3/4	65F4	71S3/4		86M0	86P0		

★Prefix W
Weapons and Tactics Instructor
(Changed 31 October 2020)

Prefix W identifies positions on manning documents and officers qualified via completion of a USAF Weapon School (USAFWS)-sanctioned syllabus to serve in positions requiring knowledge of the characteristics, operation, use, tactics, and effects of strategic bomber, tactical fighter, airlift, rescue, reconnaissance, special operations, conventional and nuclear weapons, space operations or cyberspace operations, and the ability to instruct in these disciplines.

The Weapons Officer plans, organizes, and instructs academic and flying training pertaining to the use of weapons; provides advice on the proper weapons system employment for given target and adversaries with known weapons effects and kill probabilities; monitors squadron and higher level programs to satisfy unit training requirements; and maintains liaison with agencies to provide latest material available on weapons, tactics, and delivery systems and their use in fighter, bomber, special operations airlift, rescue units, space operations, command and control operations, or cyberspace operations.

Based on the highly competitive selection process and rigorous course requirements, only affix to the Duty AFSC upon assignment of officers to W prefix positions who meet the prerequisite for the award of the prefix and retain only so long as they are incumbents in the W prefix billet.

Only award and affix to the awarded AFSC (primary, second, third) for officer who meet the prerequisite for award of this prefix and retain so long as the officer remains qualified. For example, if the member changes major weapons systems (MWSs) (e.g. F-16 to F-35) or permanently changes career fields (e.g. Intelligence to Air Battle Manager), the member is still authorized to wear the patch but the W prefix is non-transferrable to the new MWS or career field eligible for the W prefix.

Based on rated and non-rated operations inventory, if an officer is assigned to a W prefix position but does not meet the WIC completion prerequisite:

1. The officer may be assigned to the position without changing the unit manning document.

2. Process a Duty AFSC mismatch to not award or affix the W prefix to the individual thereby maintain accuracy of the member's qualification.

Officers must possess the following prerequisites for award of this prefix:

1. Completion of one of the USAF Weapons School Weapons Instructor courses, including SOF Division courses, the USAF/GAF Fighter Weapons Instructor course F4000FDIAA/WA, the USAF Mobility Weapons School (C-130, KC-135, C-17), Space Superiority Weapons Instructor Course (PDS 4W0), Network Warfare Operations Weapons Instructor Course, the Navy Electronic Combat Weapons School (ECWS), or the USAF Weapons Instructor Course, CCO, ACC13B3B/C/DIDOZN, (PDS Code 32N), USAF Weapons School JTAC Weapons Instructor Course (PDS Code 0PX).
2. A qualified, authorized AFSC appropriate to one of the courses above.

★Use only with the following awarded AFSCs:

11B3X	11B4/A/C/Y	11F3/4	11G3/4	11H3/4E/F/G	11M3/4B	11M3/4C/D	11M3/4F
11M3/4K/R	11R3D/4D	11R3J/4J	11S3/4	11U3/4	12B3X	12B4C/D/E/Y	12G3/4
12F3/4X	12M3/4B	12M3/4F	12R3C/H	12R4C/H	12S3/4X	12U3/4	13OX
13B3B/C/D/K/M/Y/Z		13B4B/C/D/K/M/Y/Z		13N3/4	13S3X/4/X		
14N3/4	17DXS	17SXS	18A3/4	18R3/4	18SXXX	19ZXX	

Prefix X
Nonrated Officer Aircrew Duty
(Changed 30 April 2020)

Prefix X identifies nonrated positions on manning documents and officers serving in, or qualified to serve in, nonrated positions that require participation in frequent and regular aerial flight as an integral part of assigned duties.

Affix prefix X to the Duty AFSC on assignment of officers to these nonrated positions and retain only so long as they are incumbents.

Do not affix the prefix to the Awarded AFSC (primary, second, or third).

Prefix X is authorized for use with any nonrated officer AFSC published in AFI 65- 503, *US Air Force Cost and Planning Factors tables for Aircrew Composition*.

Officers assigned to prefix X positions must meet appropriate physical standards for aircrew duty according to AFI 48-123, *Medical Examination and Medical Standards*.

Prefix Y
Analytical Studies Officer
(Changed 30 April 2020)

Prefix Y identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring the ability to conduct advanced analytical studies.
Analytical studies officers conduct studies and provide optimum solutions to programs for managing manpower, performance evaluation of management, operational, and conceptual systems; devise techniques for determining and portraying relative cost effectiveness information; use mathematical, statistical, and econometric models and techniques to collect, analyze, and develop solutions relating to economic utilization of Air Force resources; conduct studies to support management decisions by relating the specific and quantitative to the broad and qualitative in order to effectively communicate requirements.

Affix to the Duty AFSC upon assignment of officers to these positions and retained only so long as they are incumbents.

Award and affix to the awarded AFSC (primary, second, or third) in which qualification is demonstrated. Retain only so long as the officer remains qualified. This prefix is awarded and deleted by headquarters no lower than major command level.

Officers must possess the following prerequisites for the award of this prefix:
1. At least 12 months of experience in prefix Y positions.
2. Ability to use mathematical and statistical techniques and models to compile, analyze, and evaluate data.
3. Ability to relate performance, cost, and effectiveness in studies of management, operational, and conceptual systems at all commands.

Use only with the following awarded AFSCs:
11X3/4 12X3/4 13B3/4 13M3/4 13S3X 13S4/X 14F1/3 14N1/3/4 16GX 17DXS 17SXS 18X3/4 19ZXA/B/C
21AX 21MX/X 21RX 32EX 38F3/4 61C1/3 61C1X/3X 61D1/3 61D1N/3N

Prefix Z
Cyberspace Engineer
(Changed 30 April 2020)

Prefix Z Prefix identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring functional area expertise with the ability to design and develop cyber capabilities that can be tactically employed by operational forces to meet mission requirements.

The Cyberspace Capability Developer may perform any of the following duties:
1. Plan, prepares, and develops tailored cyber capabilities to enhance or enable Air Force or joint missions. Participate in mission planning and preparation in order to align capability development resources to current mission needs, taskings, intelligence and other relevant planning considerations. Utilize a device or computer program, including any combination of software, firmware, or hardware, to design to create an effect in or through cyberspace. Work side-by-side with cyberspace operators during missions, creating or modifying cyber capabilities to support mission accomplishment.
2. Develop complex software systems that meet the demands of warfighters across multiple domains, through the full range of development activities. This may include web/mobile application development, platform development, distributed and parallel systems, machine learning, big data analytics, information retrieval, natural language processing, networking, modeling and simulation, visualizations/dashboards, and/or security software development.

Affix to the Duty AFSC upon assignment of officers to these positions and retain only as long as they are incumbents.

Officers will be awarded the prefix to their core AFSC when qualifications has been demonstrated and maintained after departing the awarding position. Retain as long as the officer remains qualified.

Officers must possess one or more of the following prerequisites to qualify for a Z prefix position:
1. Training or experience in capability development techniques including Lean, Extreme Programming, User Centered Design or Agile Methodologies
2. Completion of a 17X Career Field Manager approved Capabilities Development course or Software Development course.
3. Knowledge in computer programming including experience in C, C++, Python, JAVA, scripting, Linux environments, Windows environments, wireless communication software systems, signal processing, or software defined radios.

Use only with the following awarded AFSCs: 17DXX 17SXX 62EXX

Section II

AFSCs/Identifiers

★OPERATIONS CAREER AREA (1XXX)

Introduction
(Changed 31 October 20)

The Operations Career Area encompasses utilization fields that directly employ weapon and supporting systems to accomplish the primary operational mission of the Air Force. Included are Operations Commander, Pilot, Combat Systems Officer (CSO), Astronaut, Special Warfare, Space, Nuclear and Missile Operations, Intelligence, Weather, Cyberspace Warfare Operations, Operations Support, and Remotely Piloted Aircraft (RPA) Pilot. Use AFSC 10C0 to identify Operations Group Commanders. Use prefix C with pilot, CSO, air battle manager (ABM), and RPA pilot AFSCs 11X3, 12X3, 13B3B, 13B3K, and 18X3 to identify commanders of squadrons with flying missions. Use prefix C with AFSCs 13A3, 13B3C, 13B3D, 13M3, 13N3, 13S3, 14N3, 16X3, 17D3X, 17S3X, and 19Z3X to identify commanders of units below group level.

Use the pilot, CSO, air battle manager, or RPA pilot AFSC appropriate to the type of mission and weapon system flown to identify commanders and operations officers of all squadrons with flying as their primary mission, and to identify primary duty instructor pilots, CSO, air battle managers and RPA pilots in operational units. Commensurate with grade and experience, duties as squadron commander, squadron operations officer, instructor pilot, instructor CSO, instructor ABM, or instructor RPA pilot are an inherent responsibility of rated officer specialties.

The Operations Commander coordinates and directs the efforts and resources of Operations units to meet mission goals and objectives.

AFSC 10C0

OPERATIONS COMMANDER
(Changed 31 Oct 08)

1. Specialty Summary. Commands and directs administration, training, and employment of Operations Groups. Related DoD Occupational Group: 210200.

2. Duties and Responsibilities:
2.1. Commands units. Formulates plans and establishes policies for unit administration, operations, training, employment, maintenance, supply, and safety. Implements directives and operations orders from higher headquarters.
2.2. Coordinates unit activities. Coordinates staff activities pertaining to administration, operations, intelligence, material, comptroller, planning, and programming to ensure accomplishment of unit mission.
2.3. Directs and monitors unit activities. Directs, observes, and evaluates effectiveness of training programs, availability and combat readiness of assigned crews, and operation and adequacy of support activities.

3. Specialty Qualifications:
3.1. Knowledge. For award and retention of this AFSC, working knowledge of leadership skills and operational employment concepts is mandatory.
3.2. Education. For entry into this specialty, a master's degree in management, or business administration with a major in management, is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For commanders of flying Groups, completion of Air Force pilot, navigator, or air battle manager training.
3.3.2. For commanders of space or missile operations Groups, completion of Air Force space or missile operations or maintenance training.
3.4. Experience. Not used.
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 AFSC 10C0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

PILOT UTILIZATION FIELD (11XX)

Introduction
(Changed 31 Oct 08)

The Pilot Utilization Field encompasses all functions performed by rated pilot officers to conduct or directly support flying operations, including combat, combat support, and training missions. Inherently included are supervisory and staff functions such as inspection, contingency planning, and policy formulation.

Specific instruction on use of certain AFSCs:

Identify pilots with 11XX specialties appropriate to the type of missions and weapon system involved. Use the following prefixes to identify additional rated qualifications and experience, and unit manpower document positions that require these capabilities:

A Operational Warfare Instructor
B Squadron Operations/Operations Support
C Commander
E Electronic Warfare
F Aircraft Systems Flight Evaluation
G Automated Systems Program Designer
H Military Consultant to the Surgeon General
J Parachutist
K Instructor for weapon system designated by AFSC
L Aircrew Flight Equipment
M Medical Service Specialist (Physiological Training Instructor)
Q Standardization or Flight Examiner for weapon system designated by AFSC
R Contingency/War Plans
S Safety
T Formal Training Instructor
U Information Operations
V Automated Functional Applications Analyst
W Weapons and Tactics Instructor
Y Analytical Studies

Identify pilots serving as instructor pilots in undergraduate pilot training and formal training units (FTU) with a T prefix. Do not award a T prefix to instructor pilots in operational units. Prefix K identifies these instructors and authorizations.

Pilots assigned to duty as Aerospace Physiology Instructors, after completion of formal training, may be identified by prefix M. The Chief, Flight Medicine, Air Force Medical Operations Agency, validates positions and awards the AFSC.

Identify requirements for staff officers above wing level with a staff AFSC (11X4), where appropriate. Not all positions above wing level qualify for the staff AFSC. For those positions above wing level, Manpower will use the staff AFSC requirements for determining applicability: **Staff Air Force Specialty Code**—Identifies an officer position above wing level specifically on the duty requirements of the role performed, not the fact that the authorization is on a staff above wing level. Use staff AFSCs (XXX4) to identify ***planning*** and ***policy-making*** positions **above** wing level. It requires the same skills as those for the qualified AFSC (XXX3), but applied to ***developing broad policies, plans, and procedures.*** Management responsibility increases without a corresponding increase in knowledge of the technical aspects of the function. Qualified officers filling/have filled such positions are awarded the staff AFSC. Award individuals possessing a qualified AFSC (11X3) or a staff AFSC (11X4) upon assignment to a position so identified.

Qualification level 3 designates a pilot qualified as an aircraft commander in the assigned specialty or credit. Level 2 identifies qualification as a copilot, if appropriate, for a specific system. Level 1 identifies rated pilots at the entry level for their specialty.

Current aeronautical rating and qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges,* are mandatory for award and retention of pilot AFSCs. See AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted),* for policy on retention or withdrawal of rated AFSCs for personnel disqualified from aviation service or placed in an inactive status.

AFSC 11B4*, Staff
AFSC 11B3*, Aircraft Commander
AFSC 11B2*, Qualified Pilot/Copilot
AFSC 11B1*, Entry/Student

BOMBER PILOT
(Changed 31 Oct 12, Effective 27 Aug 12)

1. Specialty Summary. Pilots bomber aircraft and commands crews to accomplish airlift, training, and other missions. 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, preparation, and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling, and weapons delivery.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11B2X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 11B2X/3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11B3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSC 11BXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	B-1
B	B-2
C	B-52
U	Air Liaison Officer (ALO)
Y	General
Z	Other

AFSC 11E4*, Staff
AFSC 11E3*, Aircraft Commander
AFSC 11E1*, Entry/Student

EXPERIMENTAL TEST PILOT
(Changed 30 Apr 17)

1. Specialty Summary. Plans, conducts, directs, and reports on flight test programs associated with the design, development, and modification of aircraft, aerospace vehicles, flight simulators, and related systems. Related DoD Occupational Group: 220200.

2. Duties and Responsibilities:
2.1. Plans and conducts flight test activities. Formulates test procedures and conducts tests to evaluate structural integrity, performance, handling characteristics, reliability, and suitability of aircraft and systems.
2.2. Manages research, test and evaluation projects, and programs. Integrates test objectives, organizes and directs test forces, and supervises flight operations.
2.3. Identifies design and operational deficiencies and recommends improvements. Prepares technical reports and recommendations for design improvements.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of aircraft performance and handling fundamentals, operational employment concepts, and flight test procedures.
3.2. Education. For entry into this specialty, an undergraduate degree specializing in physical sciences, mathematics, or engineering is mandatory.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11E3X, completion of the Air Force Test Pilot School, Experimental Test Pilot Course, or equivalent US Navy or foreign test pilot school is mandatory.
3.4. Experience. For upgrade to AFSC 11E3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11E3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 11EXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.*

NOTE: Award of the entry level AFSC is authorized provided a minimum of an interim Top Secret security clearance has been granted IAW instructions, supporting polices and guidance and commander approval

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Airlift/Tanker/Bomber
B	Fighter
C	Helicopter/VSTOL
D	Airlift
E	Tanker
F	Bomber
G	RPA
Q	Mission Support (T-38, etc.)
Y	General
Z	Other

AFSC 11F4*, Staff
AFSC 11F3*, Aircraft Commander
AFSC 11F1*, Entry/Student

FIGHTER PILOT
(Changed 30 Oct 12, Effective 27 Aug 12)

1. Specialty Summary. Pilots fighter aircraft and commands crews to accomplish combat, training, and other missions. 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, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling (except Q Suffix, IFF (AT-38/T-38C)), and weapons delivery.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11F3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 11F3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11F3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments (except Q Suffix). For award and retention of AFSCs 11FXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.* (Desirable for Q Suffix).

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*
B	A-10
F	F-15
G	F-15E
H	F-16
J	F-22
N	F-35
Q	IFF (AT-38/T-38C)
U	Air Liaison Officer (ALO)
Y	General
Z	Other

11G4, Staff AFSC
11G3, Qualified AFSC

GENERALIST PILOT
(Changed 30 Apr 14, Effective 25 Oct 13)

1. Specialty Summary. Develops plans and policies, monitors and evaluates operations, coordinates staff activities, and advises commanders. Related DOD Occupational Group: 220200.

2. Duties and Responsibilities. Monitors, evaluates, and directs flying operations and training programs. Develops requirements for equipment and training. Prepares and coordinates budgets. Analyzes rated manpower requirements and formulates personnel policies. Prepares, coordinates, and disseminates policy directives and implementing instructions. Develops contingency plans.

3. Specialty Qualifications. For entry into this specialty, prior qualification in any pilot AFSC (11X3) is mandatory.
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. Other: For award and retention of this AFSC, current aeronautical rating and no permanent disqualification for aviation service as Pilot.
***NOTE**:* These AFSCs are normally only authorized to identify nonflying positions where designation of a specific pilot AFSC is not feasible. Use of shredouts with these AFSCs is not authorized.

AFSC 11H4*, Staff
AFSC 11H3*, Aircraft Commander
AFSC 11H2*, Qualified Pilot/Copilot
AFSC 11H1*, Entry/Student

RESCUE PILOT
(Changed 31 Jan 12)

1. Specialty Summary. Pilots rescue aircraft and commands crews to accomplish combat, training, and other missions. Related DoD Occupational Group: 220300.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Supervises mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling, rescue operations and cargo and passenger delivery.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11H2X, completion of transition and operational training in the suffix designated aircraft.
3.4. Experience. For upgrade to AFSCs 11H2X/3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11H3X, certification of aircraft commander qualification by appropriate operations authority.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
C	UH-1N
E	HH-60
F	CSAR-X
G	CVLSP
J	HC-130J
P	HC-130 P/N
W	Combat Search and Rescue, General
Y	General
Z	Other

AFSC 11K4*, Staff
AFSC 11K3*, Aircraft Commander
AFSC 11K1*, Entry/Student

TRAINER PILOT
(Changed 31 Jan 12)

1. Specialty Summary. Pilots trainer aircraft to accomplish the pilot training mission. Related DoD Occupational Group: 220200.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews syllabus requirements, student progress, and weather information. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, transition training events, and instrument training.
2.3. Conducts or supervises training of crewmembers. Ensures optimum training opportunities and progress by conducting or supervising student training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT)/Helicopter.
3.3.2. For award of AFSC 11K3X, completion of transition and operational training in the suffix designated aircraft.
3.4. Experience. For upgrade to AFSCs 11K3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11K3X, certification of aircraft commander qualification by appropriate operations authority.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	T-1
D	T-38
F	T-6
H	T-44/TC-12
J	SUPT-H
Y	General
Z	Other

AFSC 11M4*, Staff
AFSC 11M3*, Aircraft Commander
AFSC 11M2*, Qualified Pilot/Copilot
AFSC 11M1*, Entry/Student

MOBILITY PILOT
(Changed 30 Apr 19)

1. Specialty Summary. Pilots mobility aircraft and commands crews to accomplish tanker, airlift, training, and other missions. Related DoD Occupational Group: 220200.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Supervises mission planning, preparation, filing a flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling, and cargo and passenger delivery.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11M2X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 11M2X/3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11M3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. For award and retention of AFSCs 11M2F/R, completion of a Tier 5 (T5) Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*. NOTE: Award of the applicable AFSCs without a completed T5 is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02_AFMAN 16 -1405.
3.5.3.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments (except Q. suffix). For award and retention of 11M3F/R and 11M4F/R, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	*Suffix*	*Portion of AFS to Which Related*
A	C-5	N	C-26
B	C-130E/H	P	C-32
C	C-130J	Q	C-40
D	C-27J (JCA)	R	KC-46
E	VC-25	S	Airlift, General
F	KC-135	T	Tanker, General
G	KC-10	U	Air Mobility Liaison Officer
J	C-12	V	Inter-Theater Airlift, General
K	C-17	W	Intra-Theater Airlift, General
L	C-20/C-37	Y	General
M	C-21	Z	Other

AFSC 11R4*, Staff
AFSC 11R3*, Aircraft Commander
AFSC 11R2*, Qualified Pilot/Copilot
AFSC 11R1*, Entry/Student

RECONNAISSANCE/SURVEILLANCE/ELECTRONIC WARFARE PILOT
(Changed 31 Jan 12)

1. Specialty Summary. Pilots specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, search and rescue, electronic warfare, training, and other missions. 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, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling, surveillance, reconnaissance and search and rescue operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11R2X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 11R2X/3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, a current aeronautical rating and qualification for aviation service as a pilot.
3.5.2. For award of AFSC 11R3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 11RXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

NOTE 1: 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.
NOTE 2: Security requirement specified in paragraph 3.5.3 does not apply to shredout E, WC-130.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	E-3
B	E-4
C	EC-130
E	WC-130
G	RC-135
H	WC/OC-135
J	TR-1/U-2
L	E-8
M	MC-12
N	RC-26B
Y	General
Z	Other

AFSC 11S4*, Staff
AFSC 11S3*, Aircraft Commander
AFSC 11S2*, Qualified Pilot/Copilot
AFSC 11S1*, Entry/Student

SPECIAL OPERATIONS PILOT
(Changed 30 Apr 13)

1. Specialty Summary. Pilots special operations aircraft (fixed-wing or helicopter) and commands crews to accomplish special operations, training, and other missions. 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, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Pilots aircraft and commands crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, in-flight refueling, reconnaissance, weapons delivery, and cargo and passenger delivery.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11S2x, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 11S2x/3x, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC, current aeronautical rating and qualification for aviation service as pilot.
3.5.2. For award of AFSC 11S3x, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 11SXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
C	AC-130H
D	AC-130U
E	MC-130P
F	MC-130E
G	MC-130H
I	CAA (Fixed Wing)
J	CV-22
M	Air Commando (NSAv, DM)
N	AC-130W
P	MC-130J
Q	AC-130J
S	EC-130J
U	Air Liaison Officer (ALO)
X	U-28
Y	General
Z	Other

AFSC 11U4*, Staff
AFSC 11U3*, Qualified
AFSC 11U1*, Entry/Student

REMOTELY PILOTED AIRCRAFT (RPA) PILOT
(Changed 30 Oct 12, Effective 27 Aug 12)

1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, combat, training, and other missions. 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, surveillance, reconnaissance, and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Pilot Training (SUPT).
3.3.2. For award of AFSC 11U3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSC 11U3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as Pilot.
3.5.2. For award of AFSC 11U3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSC 11U3X, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	MQ-1
B	MQ-9
C	RQ-4
E	RQ-170
S	Special Operations
U	Air Liaison Officer (ALO)
Y	General
Z	Other

COMBAT SYSTEMS OFFICER UTILIZATION FIELD (12XX)

Introduction
(Changed 31 Jan 10)

The Combat Systems Officer (CSO) Utilization Field encompasses all functions performed by rated CSOs to conduct or directly support flying operations, including combat, combat support, and training missions. Inherently included are supervisory and staff functions such as inspection, contingency planning, and policy formulation.

Specific instruction on use of certain AFSCs:

Identify CSOs by the 12XX specialties appropriate to the type of missions and weapon system involved. Use the following prefixes to identify additional rated qualifications and experience, and unit manpower document positions that require these capabilities:

A	Operational Warfare Instructor
B	Squadron Operations/Operations Support
C	Commander
E	Electronic Warfare
F	Aircraft Systems Flight Evaluation
G	Automated Systems Program Designer
H	Military Consultant to the Surgeon General
J	Parachutist
K	Instructor for weapon system designated by AFSC
L	Aircrew Flight Equipment
M	Medical Service Specialist (Physiological Training Instructor)
Q	Standardization or Flight Examiner for weapon system designated by AFSC
R	Contingency/War Plans
S	Safety
T	Formal Training Instructor
U	Information Operations
V	Automated Functional Applications Analyst
W	Weapons and Tactics Instructor
Y	Analytical Studies

Identify CSOs serving as instructors in undergraduate training and formal training units (FTU) with a T prefix. Do not award the T prefix to instructor CSOs in operational units. Prefix K identifies these instructors and authorizations.

CSOs assigned to duty as Aerospace Physiology Instructors, after completion of formal training, may be identified by prefix M. The office of the Chief, Flight Medicine, Air Force Medical Operations Agency, validates positions and awards AFSCs.

Identify requirements for staff officers above wing level with a staff AFSC (12X4), where appropriate. Not all positions above wing level qualify for the staff AFSC. For those positions above wing level, Manpower will use the staff AFSC requirements for determining applicability: **Staff Air Force Specialty Code**—Identifies an officer position above wing level specifically on the duty requirements of the role performed, not the fact that the authorization is on a staff above wing level. Use staff AFSCs (XXX4) to identify ***planning*** and ***policy-making*** positions **above** wing level. It requires the same skills as those for the qualified AFSC (XXX3), but applied to ***developing broad policies, plans, and procedures.*** Management responsibility increases without a corresponding increase in knowledge of the technical aspects of the function. Qualified officers filling/have filled such positions are awarded the staff AFSC. Award individuals possessing a qualified AFSC (12X3) or a staff AFSC (12X4) upon assignment to a position so identified.

Qualification level 3 designates a CSO qualified in the assigned specialty or shredout. Level 2 may be used to designate qualification at an intermediate level, if appropriate, for a specific shredout in AFSC 12BX. Level 1 identifies rated CSOs at the entry level for their specialty.

Current aeronautical rating and qualification for aviation service according to AFI 11-402, *Aviation and Parachutists Servic*e, are mandatory for award and retention of CSO AFSCs. See AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted),* for policy on retention or withdrawal of rated AFSCs for personnel disqualified from aviation service or placed in an inactive status.

AFSC 12B4*, Staff
AFSC 12B3*, Qualified
AFSC 12B2*, Intermediate
AFSC 12B1*, Entry/Student

BOMBER COMBAT SYSTEMS OFFICER
(Changed 31 Oct 17)

1. Specialty Summary. Performs duties of navigator, electronic warfare officer (EWO), or weapon systems officer (WSO) to accomplish combat, training, and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12B2X/3X, completion of transition and operational training in the suffix specific aircraft.
3.3.3. For award of AFSC 12B3C/D/W, completion of an EWO course or Undergraduate CSO Training.
3.4. Experience. For upgrade to AFSCs 12B2X/3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as navigator.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12BXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
C	B-1 WSO
D	B-52 EWO
E	B-52 Navigator/Radar Navigator
U	Air Liaison Officer (ALO)
W	EWO, General
Y	General
Z	Other

AFSC 12E4*, Staff
AFSC 12E3*, Qualified
AFSC 12E1*, Entry/Student

EXPERIMENTAL TEST COMBAT SYSTEMS OFFICER
(Changed 30 Apr 17)

1. Specialty Summary. Plans, conducts, directs, and reports on flight test programs associated with the design, development, and modification of aircraft, aerospace vehicles, flight simulators, and related systems. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and conducts flight test programs. Formulates test procedures and conducts tests to evaluate structural integrity, performance, handling characteristics, reliability, and suitability of aircraft and systems.
2.2. Manages research, test and evaluation projects, and programs. Integrates test objectives, organizes and directs test forces, supervises flight operations.
2.3. Identifies design and operational deficiencies and recommends improvements. Prepares technical reports and recommends design improvements.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of aircraft performance and handling fundamentals, operational employment concepts, and flight test procedures.
3.2. Education. For entry into this specialty, an undergraduate degree specializing in physical sciences, mathematics, or engineering is mandatory.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12E3X, completion of the Air Force Test Pilot School, Experimental Test Navigator Course/Experimental Test CSO Course, or equivalent US Navy or foreign test navigator course.
3.3.3. For award of AFSC 12E3S/W, completion of an electronic warfare officer (EWO) course or Undergraduate CSO Training.
3.4. Experience. For upgrade to AFSC 12E3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO are mandatory.
3.5.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12EXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.
NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to DoDM 5200.02_AFMAN 16 -1405.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Airlift/Tanker/Bomber
B	Fighter
D	Airlift
E	Tanker
F	Bomber
G	RPA
W	EWO, General
Y	General
Z	Other

AFSC 12F4*, Staff
AFSC 12F3*, Qualified
AFSC 12F1*, Entry/Student

FIGHTER COMBAT SYSTEMS OFFICER
(Changed 30 Apr 14)

1. Specialty Summary. Performs duties of weapon systems officer (WSO), electronic warfare officer (EWO), to accomplish combat, training, and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12F3X, completion of transition and operational training in the suffix specific aircraft.
3.3.3. For award of AFSCs 12F3B/C/E/G/J/K/S/W, completion of an EWO course or Undergraduate CSO Training.
3.4. Experience. For upgrade to AFSCs 12F3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO are mandatory.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12FXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
F	F-15E WSO
G	F-15E EWO
U	Air Liaison Officer (ALO)
V	EA-18G
W	EWO, General
Y	General
Z	Other

AFSC 12G4*, Staff
AFSC 12G3*, Qualified

GENERALIST COMBAT SYSTEMS OFFICER
(Changed 30 Apr 12)

1. Specialty Summary. Develops plans and policies, monitors and evaluates operations, coordinates staff activities, and advises commanders. Related DOD Occupational Group: 220700.

2. Duties and Responsibilities. Monitors, evaluates, and directs flying operations and training programs. Develops requirements for equipment and training. Prepares and coordinates budgets. Analyzes rated manpower requirements and formulates personnel policies. Prepares, coordinates, and disseminates policy directives and implementing instructions. Develops contingency plans.

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. The following are mandatory as indicated:
3.5.1. For award of AFSCs 12GX3/4, prior qualification in any navigator AFSC (12X3).
3.5.2. For award of AFSCs 12G3W/4W, prior qualification in any electronic warfare officer (EWO) AFSC (12X3X).
3.5.3. For award and retention of this AFSC, current aeronautical rating and no permanent disqualification for aviation service as CSO.
3.5.4. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12GXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
W	EWO

NOTE: These AFSCs are only authorized to identify non-flying positions where designation of a specific CSO or EWO AFSC is not feasible.

AFSC 12H4*, Staff
AFSC 12H3*, Qualified
AFSC 12H1*, Entry/Student

RESCUE COMBAT SYSTEMS OFFICER
(Established 31 Jan 12)

1. Specialty Summary. Performs duties of navigator to accomplish rescue and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders by performing 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12H3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 12H3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12HXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

NOTE 1: 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*
J	HC-130J
P	HC-130
Y	General
Z	Other

AFSC 12K4*, Staff
AFSC 12K3*, Qualified
AFSC 12K1*, Entry/Student

TRAINER COMBAT SYSTEMS OFFICER
(Changed 31 Jan 10)

1. Specialty Summary. Performs duties of a trainer CSO to accomplish CSO training and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews syllabus requirements, student progress, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of students. Ensures optimum training opportunities and progress by conducting or supervising student training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12K3X, completion of operational training applicable to the suffix designation.
3.3.3. For award of AFSC 12K3B, completion of an electronic warfare officer (EWO) course.
3.3.4. For award of AFSC 12K3D, completion of undergraduate CSO training, or graduate EWO/CSO training.
3.4. Experience. For award of AFSC 12K3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. For award and retention of these AFSCs, a current aeronautical rating and qualification for aviation service as navigator are mandatory.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	SUNT, Navigator General
B	SUNT, EWO
C	SUNT, WSO
D	Instructor, Undergraduate CSO Training
Y	General
Z	Other

AFSC 12M4*, Staff
AFSC 12M3*, Qualified
AFSC 12M1*, Entry/Student

MOBILITY COMBAT SYSTEMS OFFICER
(Changed 30 Apr 15)

1. Specialty Summary. Performs duties of CSO to accomplish mobility, training, and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12M3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSCs 12M3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO are mandatory.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
B	C-130E/H
E	VC-25
F	KC-135
S	Airlift, General
T	Tanker, General
U	Air Mobility Liaison Officer (AMLO)
V	Inter-Theater Airlift, General
W	Intra-Theater Airlift, General
Y	General
Z	Other

AFSC 12R4*, Staff
AFSC 12R3*, Qualified
AFSC 12R1*, Entry/Student

RECONNAISSANCE/SURVEILLANCE/ELECTRONIC WARFARE COMBAT SYSTEMS OFFICER
(Changed 31 Jan 12)

1. Specialty Summary. Performs duties of navigator or electronic warfare officer (EWO) to accomplish reconnaissance, surveillance, search and rescue, electronic combat, training, and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders by performing 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12R3X, completion of transition and operational training in the suffix specific aircraft.
3.3.3. For award of AFSCs 12R3C/H/M/W, completion of an EWO course or Undergraduate CSO Training.
3.4. Experience. For upgrade to AFSCs 12R3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12RXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

NOTE 1: 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.
NOTE 2: Security requirement doesn't apply to F (WC130) Shredout.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	E-3
B	E-4
C	EC-130 EWO
D	EC-130
F	WC-130
H	RC-135 EWO
J	RC-135
K	WC/OC-135
L	E-8
N	RC-26B
W	EWO, General
Y	General
Z	Other

AFSC 12S4*, Staff
AFSC 12S3*, Qualified
AFSC 12S1*, Entry/Student

SPECIAL OPERATIONS COMBAT SYSTEMS OFFICER
(Changed 31 Oct 17)

1. Specialty Summary. Performs duties of navigator, fire control officer (FCO), or electronic warfare officer (EWO) to accomplish special operations, training, and other assigned missions. Related DoD Occupational Group: 220400.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Participates in mission planning, preparation and filing of flight plan, and crew briefing. Ensures aircraft is preflighted, inspected, loaded, equipped, and manned for mission.
2.2. Navigates aircraft to accomplish assigned mission. Operates available navigation systems.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Specialized Undergraduate Navigator Training (SUNT) or Undergraduate CSO Training.
3.3.2. For award of AFSC 12S3x, completion of transition and operational training in the suffix specific aircraft.
3.3.3. For award of AFSCs 12S3A/D/H/K/Q/S/W, completion of an EWO course or Undergraduate CSO Training.
3.4. Experience. For upgrade to AFSCs 12S3x, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as CSO.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 12SxX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	AC-130H EWO
B	AC-130H FCO
C	AC-130H
D	AC-130U EWO
E	AC-130U FCO
F	AC-130U
G	MC-130P
H	MC-130E EWO
J	MC-130E
K	MC-130H EWO
L	MC-130H
M	Air Commando (CAA, NSAv, DM)
N	AC-130W
O	AC-130W FCO
P	MC-130J
Q	AC-130J CSO
R	AC-130J WSO
S	EC-130J
U	Air Liaison Officer
W	EWO, General
X	U-28
Y	General
Z	Other

AFSC 12U4*, Staff
AFSC 12U3*, Qualified
AFSC 12U1*, Entry/Student

REMOTELY PILOTED AIRCRAFT (RPA)
(Changed 31 Oct 12, Effective 27 Aug 12)

1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, combat, training, and other missions. 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 the crew. Operates aircraft controls and equipment. Performs, supervises, or directs navigation, surveillance, reconnaissance, and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. For award of AFSC 12U3X, completion of transition and operational training in the suffix specific aircraft is mandatory.
3.4. Experience. For upgrade to AFSC 12U3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards*.
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as CSO.
3.5.2. For award of AFSC 12U3X, certification of aircraft commander qualification by appropriate operations authority.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	MQ-1
B	MQ-9
C	RQ-4
E	RQ-170
S	Special Operations
U	Air Liaison Officer
Y	General
Z	Other

★SPACE, NUCLEAR and MISSILE OPERATIONS, & COMMAND and CONTROL (C2) UTILIZATION FIELD (13XX)

Introduction
(Changed 31 October 20)

The Space, Nuclear and Missile Operations, and C2 Utilization Field encompasses the major areas of astronauts, space, nuclear and missile operations, air battle management, airfield operations, air liaison, command posts, and airfield operations management.

The Astronaut specialty (AFSC 13AX) includes commanding crewed space vehicle missions, piloting a crewed vehicle, mission specialists, accomplishing on-orbit duties aboard the International Space Station or crewed space vehicles, operating Department of Defense payloads, and providing crewed space flight consultation.

The Command and Control Operations specialties (AFSCs 13BX, 13MX) include:

Air Battle Manager (13BX) specialty encompasses all functions performed by rated air battle manager officers to conduct or directly support flying operations, including combat, combat support, and training missions. Inherently included are supervisory and staff functions such as inspection, contingency planning, and policy formulation.

Current aeronautical rating and qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service*, Aeronautical Ratings and Badges, are mandatory for award and retention of air battle manager AFSCs. See AFI 36-2101, *Classifying Military Personnel (Officers and Airmen)*, for policy on retention or withdrawal of rated AFSCs for personnel disqualified from aviation service or place in an inactive status.

Airfield Operations (13MX) functions encompassing policy planning, program formulation, direction, control evaluation, and coordination of airfield operations, including air traffic control, command, operation, administration, and inspection of these activities.

The Nuclear and Missile Operations specialty (13NX) encompasses operating and managing systems involved in nuclear and missile operations including launch operations.

The space operations specialty (13SX) encompasses operating and managing systems involved in space surveillance, spacelift, ballistic space warning, and satellite command and control.

Positions above wing level may qualify for the staff AFSC. The staff AFSC identifies an officer position above wing level specifically on the duty requirements of the role performed, not the fact that the authorization is on a staff above wing level. Use staff AFSCs (XXX4) to identify planning and policy-making positions above wing level. It requires the same skills as those for the qualified AFSC (XXX3), but applied to developing broad policies, plans, and procedures. Management responsibility increases without a corresponding increase in knowledge of the technical aspects of the function. Officers filling/have filled such positions are awarded the staff AFSC.

AFSC 13A4, Staff
AFSC 13A3, Qualified
AFSC 13A1, Entry

ASTRONAUT
(Changed 30 Apr 19)

1. Specialty Summary. Commands, operates, or pilots crewed space vehicle missions. . Accomplishes on-orbit duties aboard International Space Station or crewed space vehicles. Operates DoD payloads. Provides crewed space flight consultation to DoD activities and other government agencies. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Commands crewed space vehicle missions. Responsible for execution of missions, their rules and control directives. Assesses problems and implements deviations from flight plan, procedures, or personnel assignments in the interest of safety or mission accomplishment.
2.2. Pilots crewed space vehicle. Operates space vehicle systems through ascent, on-orbit, and reentry phases of flight. Works with commander and/or ground control to maneuver space vehicle to establish mission parameters.
2.3. Operates space vehicle systems. Serves as integral part of onboard flight operations during ascent, on-orbit, and reentry flight phases. Operates and reconfigures vehicle systems during all phases of flight. Maintains detailed understanding of vehicle systems including nominal and malfunction procedures, and a complete understanding of the impact to mission accomplishment. Works with commander and/or ground control to exchange direction and information.
2.4. Operates vehicle payloads. Operates payloads carried aboard International Space Station or other crewed space vehicles. Operates robotic manipulator systems to effect payloads, construct and maintain vehicle systems, or assist with extra vehicular activities. Performs extra-vehicular activity to accomplish repair, refurbishment, or inspection of satellites or vehicles on orbit.
2.5. Provides space flight consultation. Assists in formulating operational policies for space vehicle employment. Provides crew inputs for developmental engineering and mission planning. Participates in developing training equipment and simulating facilities.
2.6. Maintains flight proficiency. Serves as a crew member aboard National Aeronautics and Space Administration aircraft to remain proficient in aspects of aircraft operations, including flight planning, communications, nominal and emergency checklist procedures, actual aircraft control, and crew resource management.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of crewed space vehicle flight operations, vehicle systems operation, lifting body aerodynamics, solid and liquid rocket performance, crew support systems, space navigation, orbital mechanics, computer programs, extra-vehicular activity, space rendezvous and proximity operations, and electronic, infrared, and optical sensor operations.
3.2. Education. For entry into this specialty, undergraduate academic specialization in an appropriate field of engineering, physical science, life science, or mathematics is mandatory.
3.3. Training. For award of AFSC 13A3 completion of NASA Astronaut Candidate (ASCAN) Training is required (Johnson Space Center Astronaut Evaluation Board determines completion). ASCAN includes but is not limited to:
3.3.1 Proficiency in operating applicable space vehicle or orbiting station systems.
3.3.2 Proficiency with in-flight procedures, mission rules, space vehicle maneuvers, orbiting station procedures, crew support systems, and communications.
3.3.3 Proficiency as an aircrew member in high performance fixed-wing aircraft such as the NASA T-38N.
3.4. Experience. Not used.
3.5. Other. Not used.

AFSC 13B4*, Staff
AFSC 13B3*, Qualified
AFSC 13B1*, Entry

AIR BATTLE MANAGER
(Changed 30 Apr 13)

1. Specialty Summary. Performs battle management and command and control (BMC2) on C2 aircraft and ground platforms and commands mission crews to accomplish combat, combat support, training, and other missions. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. Supervises mission planning, preparation of flight plan, and crew briefing. Ensures aircraft and BMC2 systems are preflight, inspected, loaded, equipped and manned for mission.
2.2. Operates available sensors/BMC2 systems and commands crew. Provide tactical fluid control of assigned joint weapons systems (kinetic/non-kinetic, air/space/ground/cyber), forces, functions, and effects. Executes, supervises, coordinates, or directs dynamic battle management of joint fires, force accountability, package development, real-time targeting and airspace control. Conducts theater air, ground, and surface surveillance and detects and validates emerging targets, accomplishes, combat identification, applies rules of engagement, and integrates joint/coalition C2 and ISR capabilities. Performs dynamic information management of multiple tactical BMC2 sensors, data links and communications systems in order to prioritize tactical and operational tasks, information and communication flow for battle space situational awareness. Integrates air, space and cyber domains at the operational level for direct planning, coordination, allocation, tasking, execution, monitoring and assessment in a designated area of responsibility.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of theory of flight, BMC2/weapons control fundamentals, meteorology, flying directives, aircraft/BMC2 system operating procedures, and joint mission tactics.
3.2. Education. For entry into this specialty, an undergraduate degree specializing in physical sciences, mathematics, administration or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. Prior to entry into suffix specialized training courses, completion of Air Force Undergraduate ABM Training (UABMT).
3.3.2. For award of AFSC 13B3X, completion of transition and/or operational training in the suffix specific weapon system.
3.4. Experience. For upgrade to AFSCs 13B3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, physical qualification for a Flying Class III physical according to AFI 48-123, *Medical Examinations and Standards*.
3.5.2. For award and retention of these AFSCs, current aeronautical rating and qualification for aviation service as air battle manager are mandatory.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 13BXX, completion of a current T5 Investigation 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.
3.5.4. For award of 13B1U, prior qualification as a 13B3B/K.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
B	AWACS
C	Air Defense
D	Mobile Air Control
K	JSTARS
M	Trainer (UABMT)
U	Air Liaison Officer
Y	General
Z	Other

AFSC 13M4, Staff
AFSC 13M3, Qualified
AFSC 13M1, Entry

AIRFIELD OPERATIONS
(Changed 31 Oct 16)

1. Specialty Summary. Performs and leads airfield operations (AO) functions of, air traffic control (ATC), airfield management (AM), Air Traffic Control and Landing Systems (ATCALS), and airspace management within the National Airspace System (NAS), International Civil Aviation Organization (ICAO), and combat environments. Advises commanders on the effective use of AO assets. Provides AO staff leadership, supervision and technical assistance. Develops, formulates, and implements plans, policies and programs for executing Air Force (AF) AO responsibilities and activities. Supports civil aviation responsibilities in compliance with Public Law 85-726. Related DOD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Trains, establishes standards, and conducts operational evaluations in order to manage unit training and performance standards to ensure airfield operations personnel possess required job skills. Oversees Program Element Code (PEC) funding account and submits Program Objective Memorandum (POM) requests for funds when required.
2.2. Performs technical functions and provides oversight of ATC services. Services include radar approach control, ground control approach, radar final control, and control tower operations. Develops operational procedures and monitors their implementation for improving operations and/or maintaining a safe flying environment. Develops agreements between facilities and with other local agencies to define standards of performance. Maintains close liaison with lateral Federal Aviation Administration (FAA), ICAO, or host nation officials to negotiate and coordinate changes affecting ATC services and operations. Coordinates with FAA and military flight inspection agencies, ATC and ATCALS maintenance, flying units, and other affected agencies concerning flight inspection activities. Trains, establishes standards, and conducts operational evaluations in order to manage unit training and performance standards to ensure airfield operations personnel possess required job skills.
2.3. Performs technical functions and provides oversight of AM and airfield management operations (AMOPS). Makes recommendations and takes action on matters that affect the content and character of policy statements and instructions involving airfield environment. Conducts analysis to determine optimum siting of equipment and facilities within the airfield environment or those equipment and/or facilities that may present hazards to aviation safety. Performs airfield inspections and collaborates on contracts to ensure optimal airfield and runway status. Ensures flight planning and airfield advisory services adequately support military and civil airfield users. Provides functional expertise and input for activating, employing or deactivating airfield systems including AO facilities and navigational aids.
2.4. Performs oversight of civil and military airspace utilization to review, redesign, and optimize airspace leveraging new technologies, equipage, infrastructure, and procedural development to maximize benefits and system efficiencies within the NAS, ICAO, and host nation airspace structure. Works to ensure all supported airspace redesign, both enroute and terminal airspace, is conducted in a manner that reflects optimal benefits to the widest variety of aviation stakeholders, conforming with environmental and safety requirements. Authors airspace management agreements with sister services, allied forces, and civil authorities to ensure the safe and effective operation of civil and military air traffic. Provides technical expertise to increase combat effectiveness by promoting the safe, efficient, and flexible use of airspace in a combat environment to reduce the risk of friendly fire, enhance air defense operations, and permit greater flexibility of operations. Uses current US national military objectives and assigned missions to develop procedures supporting multinational operations ensuring compatibility and interoperability of support systems.
2.5. Provides oversight of ATCALS maintenance operations. Ensures home-based and deployable navigational aids (NAVAIDS), radar(s), weather, and radio equipment are mission capable. Guarantees a safe working environment, provides job safety training and equips personnel with proper safety gear. Ensures ATCALS equipment is tested to technical order standards and is fixed when off the minimum tolerance levels. Tracks ATCALS outages and prioritizes repairs based on mission demands and priorities. Develops procedures for ATCALS restoral and recommends restoral priorities. Coordinates with higher headquarters for Engineering & Installation (E&I) support.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: ATC procedures and techniques; AO planning and programming; aircraft accident and incident reporting and investigation procedures; hazardous air traffic report procedures (HATR); airspace management utilization and planning principles; federal and international rule-making actions; environmental requirements which apply to AO management; management of mobile assets and unit type code taskings for AO; AMPOS functions; AM functions; ATCALS maintenance structure, operations, and sustainment; principles of meteorology; airfield and airspace criteria; radio interference reporting procedures; flight inspection of navigational aids and AO facilities procedures; theater air control system functions and operations and combat airspace management; and ICAO, FAA, and notice-to-airman (NOTAM) procedures.
3.2. Education. For entry education requirements see Appendix A, 13M CIP Education Matrix.

3.3. Training. For award of AFSC 13M3, completion of the Airfield Operations Officer Initial Skills Training (IST) course (E3OBR13M1 XXXX) and the completion of the Mission Qualification Training is mandatory.
3.4. Experience. For award of AFSC 13M3, a minimum of 12 months experience performing and managing Airfield Operations activities is mandatory.
3.5. Other.
3.5.1. For entry and retention of this specialty, physical qualification for Ground Based Control (Air Traffic Control) duty according to AFI 48-123, *Medical Examinations and Standards,* is mandatory.
3.5.2. For award of AFSC 13M3, completion of Mission Qualification Training (MQT) IAW Airfield Operations Officer Training Program (AFI 13-204, Volume 1, *Airfield Operations Career Field Development*) is mandatory.

AFSC 13N4, Staff
AFSC 13N3, Qualified
AFSC 13N2, Intermediate
AFSC 13N1, Entry

NUCLEAR AND MISSILE OPERATIONS
(Changed 31 Oct 15, Effective 26 Feb 15)

1. Specialty Summary. Operates and manages nuclear and missile operations systems. Performs associated command, control, communications and launch activities to defend and support the United States and allied forces. Serves as nuclear and missile operations advisor. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Formulates nuclear and missile operations policies. Develops policies and procedures for current and future nuclear and missile operations systems. Builds future plans, requirements, concepts, directives, and exercises for operational employment of nuclear and missile operations and facilities. Establishes organizational structure and determines personnel required to support mission areas. Establishes training requirements and performance standards for all systems. Recommends priorities for personnel allocation.
2.2. Coordinates nuclear and missile operations activities. Coordinates with national and international nuclear agencies on nuclear and missile operations activities. Advises commanders and staff on capability of offensive and defensive units to meet operational requirements, and on matters for operational effectiveness, combat readiness, organization, and training. Coordinates operations activities, plans, and programs to ensure adequate resources in preparing operations orders and to accomplish assigned mission.
2.3. Plans, organizes, and directs nuclear and missile operations programs. Directs unit nuclear and missile operations activities. Reviews command mission for priorities and specific objectives. Directs preparation and management of budget estimates and financial plans based on operational requirements and resources. Observes, conducts, and evaluates effectiveness of nuclear and missile operations weapon systems training, standardization, and evaluation programs. Inspects nuclear and missile operations activities and units for compliance with directives and standardized procedures. Conducts nuclear and emergency war order training for combat crew members. Writes nuclear annexes to operation plans. Provides guidance on proper use and care of sensitive materials. Conducts nuclear and missile operations activities, including contingency operations and dissemination of nuclear and missile operations situation data to all users.
2.4. Operates and controls nuclear and missile operations. Performs nuclear and missile operations combat crew operations in Launch Control Centers (LCC) and onboard NAVY E-6B Take Charge and Move Out (TACAMO) aircraft. Maintains readiness to execute, then launch nuclear and missile operations, applies current directives for targeting, execution, and positive control of nuclear and missile operations. Initiates, advises, and controls nuclear and missile combat crew operations. Controls storage and issue of positive control, authentication materials, and code components. Inserts and verifies launch codes in nuclear and missile operations components. Serves as duty controller in nuclear and missile operations command posts. Oversees contractor personnel in all mission areas.

3. Specialty Qualifications:
3.1. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:
3.1.1. 13N2/3. Nuclear and missile operations history, organization, mission, and C2 structure; combat crew procedures; targeting; emergency war orders (EWO) concepts and procedures; nuclear codes and code handling procedures; safety, security, and maintenance activities; nuclear and missile operations subsystems; technical order and Air Force policy directive familiarization.
3.2. Education. For entry education requirements see Appendix A, 13N CIP Education Matrix.
3.3. Training. The following training is mandatory for award of AFSC indicated:
3.3.1. 13N2. Completion of nuclear and missile combat crew operations Initial Skills Training and unit mission qualification training.
3.3.2. 13N3. Completion of all 13N2 prerequisites and unit nuclear and missile operations combat crew commander upgrade training.
3.4. Experience. The following experience is mandatory for award of AFSC indicated:
3.4.1. 13N2. Proficiency in organizing and directing nuclear and missile launch operations and emergency war order, weapons system and codes certification.
3.4.2. 13N3. Qualification in and possession of AFSC 13N2 and emergency war order and weapon system certification as a nuclear and missile operations combat crew commander.
3.5. Other. The following are mandatory for the AFSC indicated:
3.5.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 13NX, completion of a current T5 Investigation 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.
3.5.2. 13NX. For entry and retention of this AFSC, physical qualification for Missile Operator Duty (MOD) according to AFI 48-123, *Medical Examinations and Standards*.
3.5.3. For entry into this specialty (ANG and AFRC officers exempt), accessions must be screened for eligibility into the Personnel Reliability Program (PRP) as outlined in HQ AETC Personnel Reliability Program (PRP) Prescreening Guidance and be deemed a

suitable candidate for follow-on PRP duties. PRP standards are outlined in DoD 5210.42R, *Nuclear Weapons Personnel Reliability Program (PRP) Regulation*, and AFMAN 13-501, *Nuclear Weapons Personnel Reliability Program.*

3.5.4. 13N1/2/3. For retention of this AFSC, company grade officers (O-1 though O-3) who have not yet met the Nuclear and Missile Operations Officer Crossflow Program per AFI 36-2626 must meet eligibility requirements to fill critical PRP positions IAW DoD 5210.42-R and AFMAN 13-501.

AFSC 13O4, Staff
AFSC 13O3, Qualified
AFSC 13O2, Intermediate
AFSC 13O1, Entry Level

MULTI-DOMAIN WARFARE OFFICER
(Established 30 Apr 18, Changed 30 Apr 19)

1. Specialty Summary. Lead and perform operational level command & control of activities across multiple warfighting domains. Leverages diverse operational background and continuum of learning to formulate, integrate and execute Air Force, Joint and coalition strategic objectives on behalf of the Joint Force Commander. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Adviser and decision maker for integration and employment of military capabilities from geographic and functionally aligned authorities to direct multi-domain lethal and non-lethal operations. Facilitates operational agility of military forces to transition between levels of war, geographic areas, missions, functions and warfighting domains. Coordinates collaborative planning of Air Force, joint or combined capabilities and ensures senior leaders have up to date situational awareness across the battlespace.
2.2 Responsible for operational level command & control processes and integration across warfighting domains to include situational awareness, operational decision making, force direction and battle management.
2.3. Delivers resilient, sustainable command & control of available forces and capabilities in contested battlespace. Analyzes and synchronizes battle rhythm across disaggregated command & control nodes.
2.4. Develops and coordinates command & control data strategy requirements for development of new technology. Executes programming actions based on guidance from major commands, joint activities, or the Department of Defense.
2.5. Identifies and analyzes vulnerabilities in defensive posture, command & control systems, planning processes and timelines to ensure potential enemy exploits are mitigated.
2.6. Identifies and analyzes vulnerabilities in enemy defensive posture, maneuver, and communications to aide offensive planning and effective strategic, operational and tactical level decision making.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: command & control fundamentals, command authorities, security, communication skills, operational art and a strong operational background with in-depth understanding of Air Force, joint, interagency and combined operational capabilities and doctrine.
3.2. Education. For entry into this specialty see Appendix A, 13O CIP Education Matrix.
3.3. Training. Training opportunities through existing curriculum will provide tailored focus to trainees based on their background and experiences.
3.4. Experience. AFSC 13O2, intermediate level is awarded upon completion of 13O IQT or equivalent. For award of AFSC 13O3, qualified level, a minimum of 12 months operational experience is mandatory in functions of this specialty.
3.5. Other.
3.5.1. For entry into this specialty, the following is mandatory:
3.5.1.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 13OX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.*
***NOTE*:** Award of the 13O2, intermediate 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. For entry into this specialty the following are desirable:
3.5.2.1. For rated officers: 120+ gate months.
3.5.2.2. COMAFFOR or JTF staff experience.
3.5.2.3. Advanced training or education in tactical, operational or strategic level of war competencies.
3.5.2.4. Instructor and/or evaluator qualifications.

Exceptions to this policy will be managed by the 13OX career field manager.

AFSC 13S4*, Staff
AFSC 13S3*, Qualified
AFSC 13S1*, Entry

SPACE OPERATIONS
(Changed 30 Apr 19)

1. Specialty Summary. Operates and manages space operations systems to develop, sustain, and enhance space capabilities in a contested, degraded and operationally-limited environment to defend national interests and to create effects in the space domain to achieve Service, Combatant Command, and national objectives. These systems include four major warfighting functions; Orbital Warfare (OW), Space Electronic Warfare (SEW), Space Battle Management (SBM), and Space Access and Sustainment (S&AS)). Performs major warfighting functions to support and defend the United States and allied forces. Serves as space operations advisor. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:

2.1. Performs space combat operations. Serves as duty controller in space operations centers. Performs Orbital Warfare, Space Electronic Warfare, Space Battle Management, and Space Access and Sustainment activities to achieve and maintain US space superiority in support of national space policy.

2.2. Formulates space operations policies that achieve and sustain US Space Superiority in support of national space policy. Develops policies and procedures for current and future space systems. Builds future plans, requirements, concepts, directives, and exercises for operational employment of systems and facilities. Establishes organizational structure, and determines personnel required to support mission areas. Establishes training requirements and performance standards for all systems. Recommends priorities for personnel allocation.

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

2.4. Plans, organizes, and directs space operations programs. Directs unit space operations activities. Reviews command mission for priorities and specific objectives. Directs preparation and management of budget estimates and financial plans based on operational requirements and resources. Observes, conducts, and evaluates effectiveness of space systems training, standardization, and evaluation programs. Inspects space activities and units for compliance with directives and standardized procedures. Writes space annexes to operation plans. Provides guidance on proper use and care of sensitive/classified materials. Conducts space operations activities, including satellite health and status; launch, early orbit, and on-orbit testing; contingency operations; orbital analysis and surveillance; space warning; spacelift booster and payload processing; and dissemination of space situation data to all users.

Specialty Qualifications:

2.5. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:

2.5.1. 13S3A/B/D/E. The following common knowledge and competencies is mandatory for award of the qualified AFSC with an A, B, D or E suffix: Space Mastery (environmental considerations, national space policy, national space strategy, space law and international norms, US space forces, orbital mechanics, space system engineering, space surveillance, electromagnetic spectrum, civil and commercial space), Space Warfighting (space information services, launch and range operations, space system sustainment, intelligence, battle management, command and control, orbital movement and maneuver, counterspace fires, protect), Warfighting Leadership (continuous improvement, mission analysis, tactical problem solving, risk-informed decision making, adaptability, warrior ethos). Joint Planning and Operations and Combat Readiness will be further developed through professional military education after weapon system qualification.

2.5.2. 13S3A. Orbital Warfare: Operates spacecraft and commands crews to accomplish combat, training and other missions. Maintains spacecraft health and safety during contested operations. Plans, executes and assesses the employment of on-board and off-board resiliency capabilities. Plans, builds, executes and assesses orbital engagement maneuvers. Defeats terrestrial-based and space-based attacks against spacecraft.

2.5.3. 13S3B. Space Electronic Warfare: Operates electronic attack, electronic protection, electronic warfare support systems and payloads. Defeats threats to space effects by protecting critical electromagnetic spectrum (EMS) links. Negates (e.g. disrupt, deny, degrade, destroy and deceive) adversary access to space effects through the EMS. Integrates SEW into theater non-kinetic operations.

2.5.4. 13S3D. Space Battle Management: Performs battle management for missile warning, missile defense and space protection missions. Operates surveillance and identification sensors to maintain threat custody. Employs sensors, data links and communications systems to prioritize tactical and operational tasks, information and communication flow for battle space situational awareness. Executes, supervises, coordinates or directs dynamic battle management of fires, force accountability, force package development and real-time targeting.

2.5.5. 13S3E. Space Access and Sustainment: Leads, trains, and equips personnel supporting space system sustainment and operations. Manages maintenance and modification of space systems and associated systems. Manages system configuration, software updates,

cyber surety and anomaly resolution for ground and space segments. Directs operations and maintenance of space access architecture (e.g. launch range, AFSCN, downlink sites). Directs acquisition and life-cycle logistics activities by managing systems, subsystems and equipment through their life-cycle, including integrated logistics support activities and modernization, obsolescence and disposal planning.

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

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

3.3.1. 13S3A/B/D/E. Completion of the prerequisite Officer Undergraduate Space Training (UST) prior to entry or in conjunction with a suffix specialized space operations Initial Qualification Training (IQT) / Mission Qualification Training (MQT) and Space Warfighting Follow-on (SWF) course is mandatory.

3.3.2. 13S3A. Completion of an orbital warfare IQT/MQT/SWF course.

3.3.3. 13S3B. Completion of a space electronic warfare IQT/MQT/SWF course.

3.3.4. 13S3D. Completion of a space battle management IQT/MQT/SWF course.

3.3.5. 13S3E. Completion of a space access and sustainment IQT/MQT/SWF course.

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

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

3.4.1. 13S3A A minimum of 12 months of CMR experience in orbital warfare in a valid 13S billet.

3.4.2. 13S3B. A minimum of 12 months of CMR experience in space electronic warfare in a valid 13S billet.

3.4.3. 13S3D. A minimum of 12 months of CMR experience in space battle management in a valid 13S billet.

3.4.4. 13S3E. A minimum of 12 months of CMR experience in space access and sustainment in a valid 13S billet.

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

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

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

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

3. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Orbital Warfare
B	Space Electronic Warfare
D	Space Battle Management
E	Space Access and Sustainment

INFORMATION OPERATIONS UTILIZATION FIELD (14FX)

Introduction
(Changed 30 Apr 19)

The Information Operations (IO) Utilization Field is comprised of professionals who apply social science principles and fundamentals across four functional competencies (analysis, planning, integration, and assessments) to integrate physical and informational power to change or maintain the perceptions, attitudes, and other elements that drive desired behavior of relevant actors. IO officers provide commanders and national-level decision makers with the functional competencies to effectively wage information warfare throughout the full spectrum of military operations. The specialization of three core disciplines; Military Deception (MILDEC), Military Information Support Operations (MISO), Operations Security (OPSEC), allows IO officers to better integrate these and all warfighting capabilities to achieve decision superiority across all domains while denying our adversaries critical information or indicators about our forces and intentions. Excluded from this utilization field are primary responsibilities for the functions of information, personnel, and industrial security which are included in the Intelligence utilization field (14N); functions dedicated to research of computer hardware and software, communications and computer security which are included in the Cyberspace Operations utilization field (17XX); counterintelligence functions which are included in the Special Investigations career area (71SX) and the information functions to US audiences included in the Public Affairs career area (35P).

AFSC 14F4, Staff
AFSC 14F3, Qualified
AFSC 14F1, Entry

INFORMATION OPERATIONS
(Changed 30 Apr 19)

1. Specialty Summary. Leads and applies social science principles across four functional competencies: analysis, planning, integration, and assessments throughout the full range of military operations to influence perceptions, behavior, action or inaction of relevant actors. IO professionals integrate physical and informational power to synchronize information-related capabilities (IRCs) with kinetic and non-kinetic operations to achieve decision superiority over adversaries. They leverage information quickly and efficiently to achieve commander's objectives in an increasingly pervasive and connected information environment (IE). Additionally, IO officers possess core disciplines in Military Deception (MILDEC), Military Information Support Operations (MISO), and Operations Security (OPSEC). Finally, IO officers perform IO management/staff functions to include acquisition, career broadening, doctrine production, education and training, financial management, human capital/force management, information technology, modeling and simulation, policy, research and technology, security, and strategy.

2. Duties and Responsibilities:

2.1. Leads structured analytical techniques, critical and creative thinking concepts, research and indications/warning formulation to provide in-depth, justified intelligence analysis representing insight into adversary intentions, weaknesses, and potential vulnerabilities. Characterizes, forecasts, anticipates, and seizes the initiative in the IE to support the joint force commander's decision superiority. Equips policy makers, planners, and targeteers with the tools to maintain or influence perceptions and attitudes that drive behavior and decision-making of key leaders, groups, and organizations, enhancing air power effects through the IE.

2.2. Manages planning for flexible and adaptive operations through the joint planning process in support of higher headquarters' and commander's objectives and desired effects. Identifies IO scope, planning support requirements, relevant aspects, and centers of gravity of the physical, informational, and cognitive dimensions of the IE. Recognizes desired and undesired effects that support or degrade Joint Force Commander's information objectives, and recommends effects and activities that support tasks in the IE, while calculating 2nd and 3rd order effects. Ensures consistency and credibility of actions, words, and deeds through comprehensive coordination. Understands the fundamental concepts, principles, and doctrine required to develop the air portion of a joint/combined campaign plan and ensure IO supports the strategic end states.

2.3. Directs the synchronized planning, execution, and assessment of kinetic and non-kinetic capabilities into the targeting cycle to effectively wage information warfare throughout the full spectrum of military operations. Provides considerations for targets that are vulnerable and susceptible to operations in the IE, capabilities that can be applied to achieve the desired effects of those operations, and how to assess the results once those capabilities have been applied. Leads and develops kinetic and non-kinetic capability requirements as part of the effects-based approach to targeting for both preplanned and dynamic situations. Serves as the primary subject matter expert throughout the target nomination and review process for human targets that, if engaged, will create a desired effect within the operational environment.

2.4. Drives the coordination and integration of IRCs with Service, Joint, and Interagency organizations. Advises leadership regarding implications, analysis, theories and research findings relevant to the disciplines of MILDEC, MISO, and OPSEC. Synchronizes and provides strategic guidance emphasizing the importance of informational and physical effects integration within USAF and Joint operations during execution to shape the IE in support of military operations.

2.5. Leads IO focused input to assessment plans and evaluates data in order to provide IO related assessment recommendations. Assesses the IE to identify decision makers, factors that guide the decision-making process, and infrastructure that supports and communicates decisions. Analyzes a wide variety of scenario related products including reports, survey and polling information, and open source documents and evaluates IO objective status based on developed measures of effectiveness (MOE) and MOE indicators. Identifies IRC shortfalls, changes in parameters and/or conditions in the IE, and resource issues that may impede joint IO effectiveness. Ensures that desirable effects in support of the commander's objectives are well-defined, measurable and provide feedback to commanders, operators, and planners as operations evolve.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge of IO, MISO, MILDEC, and OPSEC, including the application, integration and synchronization of IRCs to influence, disrupt, corrupt or usurp the decision making of selected audiences to create desired effects.

3.2. Education. For entry education requirements for the 14FX AFSC, see Appendix A, 14FX CIP Education Matrix.

3.3. Training. For award of AFSC 14F3, the following training is mandatory:

3.3.1. Completion of Information Operations Integration Course (IOIC); and

3.3.2. Military Information Support Operations Integration Course (MISOIC) or Psychological Operations Qualification Course (POQC); and

3.3.3. Air Force Operations Security Course (AFOC); or

3.3.4. Similar courses as approved by the 14F Career Field Manager, Career Field Functional Manager, or Career Field Authority.

3.4. Experience. The following experience is mandatory:

3.4.1. For award of AFSC 14F3, a minimum of 36 months of experience in a 14FX position is mandatory. Experience must include assignments in activities such as MILDEC, MISO, OPSEC, or IO.

3.4.1.1. A master's degree in one of the specified disciplines in Appendix A, 14FX CIP Education Matrix fulfills 12 months of the required 36 month requirement.
3.4.1.2. A Doctor of Philosophy degree in one of the specified disciplines in Appendix A, 14FX CIP Education Matrix fulfills 18-months of the 36-month requirement.
3.5. Other. Entry and retention in this specialty requires routine access to JWICS, Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSC 14FX, adjudication of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*, is required.
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.

INTELLIGENCE UTILIZATION FIELD (14NX)

Introduction
(Changed 30 Apr 19)

The Intelligence Utilization Field encompasses a wide range of intelligence, surveillance, and reconnaissance (ISR) activities conducted by intelligence staffs and organizations for the purpose of providing commanders and national-level decision makers with relevant, accurate, and timely intelligence. Intelligence officers direct, plan, manage, and conduct activities to assess industrial, technological, geographical, and sociological factors; use processed intelligence information to support military operations; prepare intelligence assessments; prevent strategic, tactical, or technological surprise; provide input to national, DoD, Joint and Air Force plans and programs; engage in and support air, space, and cyberspace operations; provide support to special missions and weapon system acquisition; provide support to force structure planning and international security assistance plans and programs; provide security guidance and functions for Sensitive Compartmented Information (SCI) programs and activities; use and manage intelligence data handling systems; and exchange information and intelligence with other services, agencies, and governments.

Excluded from this utilization field are primary responsibilities for the functions of personnel and security which are included in the Security Forces utilization field (31PX) functions dedicated to research of computer hardware and software, and communications and computer security which are included in the Cyber Operations Utilization Field (17XX); and counterintelligence functions which are included in the Special Investigations Career Area (71SX).
Full development as an intelligence officer requires eligibility for access to sensitive compartmentalized information (SCI) and Top Secret material. The following is a complete listing of AFSCs for the Intelligence Utilization Field.

AFSC 14N4, Staff
AFSC 14N3, Qualified
AFSC 14N1, Entry

INTELLIGENCE
(Changed 31 Oct 19)

1. Specialty Summary. Leads and performs intelligence activities across the full range of military operations supporting the Air Force's Service Core Function (SCF) of Global Integrated Intelligence, Surveillance and Reconnaissance (ISR). The Air Force conducts global integrated ISR operations through a five-phase process commonly known by its acronym, PCPAD: planning and direction; collection; processing and exploitation; analysis and production; and dissemination. Additionally, ISR professionals conduct assessment, evaluation, and feedback throughout each phase. Air Force intelligence officers lead Airmen through the PCPAD process across four main areas, also known as functional competencies: Analysis, Collection, Targeting, and Sensing Grid Activities. To execute these functional competencies intelligence officers utilize subject matter expertise in the six intelligence disciplines of geospatial intelligence (GEOINT), human intelligence (HUMINT), measurement and signature intelligence (MASINT), open source intelligence (OSINT), signals intelligence (SIGINT), and technical intelligence (TECHINT); utilize professional tradecraft to include assessment, counterdrug, counter proliferation, counterterrorism, current intelligence, general military intelligence, indications and warning, irregular warfare and target intelligence; and integrate thoroughly within cross functional capabilities, missions, and organizations to include airborne ISR, the Air Operations Center (AOC), the Air Support Operations Center (ASOC), cyberspace ISR, the Distributed Common Ground Station (DCGS), flying unit level support, force protection, information operations, space, and special operations forces (SOF). Finally, intelligence officers perform ISR enterprise management/staff functions to include acquisition, career broadening, doctrine, education and training, financial management, human capital/talent management, information technology, modeling and simulation, policy, research and technology, security, and strategy. Related DoD Occupational Group: 230100.

2. Duties and Responsibilities:
2.1. Directs intelligence activities. Directs ISR activities and organizations, and establishes goals and objectives. Reviews requirements for objectives and relative priorities. Serves as the commander's senior intelligence advisor. Directs preparation of intelligence budget estimates and financial plans. Implements standardization, evaluation, and training programs, and monitors compliance.
2.2. Develops intelligence plans and policies. Evaluates impact of legislative action, executive orders, regulations, directives, and management decisions. Integrates intelligence activities into plans and programs. Develops and implements intelligence operations and applications policies, plans, concepts, systems, and orders for the intelligence disciplines, professional tradecraft, and integration with cross functional capabilities. Conducts force development, management and structure planning.
2.3. Manages and coordinates intelligence activities. Confers with government, business, professional, scientific, and other nations' organizations to provide support, exchange ideas, participate in studies, and coordinate on proposals and findings. Manages intelligence responsibilities of the Department of Defense Planning, Programming, and Budgeting System. Coordinates with personnel, materiel, planning, programming, and operational functions on allocation of resources, availability of funds, and preparation and implementation of operational plans. Supports weapon system acquisition.
2.4. Produces timely and accurate fused intelligence analysis. Uses structured analytical techniques to convert processed information into finished intelligence through the integration, evaluation, analysis, and interpretation of all-source data and the preparation of intelligence products in support of known or anticipated user requirements. Produces intelligence from the information gathered by the collection capabilities assigned or attached to the joint force and from the refinement and compilation of intelligence received from subordinate units and external organizations. Integrates, evaluates, analyzes, and interprets all processed information to create products that will satisfy the commander's priority intelligence requirements (PIRs) and requests for information (RFIs).
2.5. Conducts collection and ISR operations. Executes collection management by converting intelligence requirements into collection requirements, establishing priorities, tasking or coordinating with appropriate collection sources or agencies, monitoring results, and re-tasking, as required. Conducts collection operations by directing, scheduling, and controlling specific collection platforms, sensors and HUMINT sources to include the physical operation of airborne systems (both manned and remotely piloted), space-based systems, cyber, non-traditional ISR and HUMINT sources as well as near real time (NRT) coordination and control. Performs processing, exploitation, and dissemination by converting raw collection into forms that can be readily used by commanders, decision makers at all levels, intelligence analysts and other consumers.
2.6. Employs multi-domain sensing grid activities. Performs activities such as collection operations (sensing), analysis (identify and attribute), delivering information to customers, and collaborating with partners (sharing). Understands cloud technology, machine intelligence, and big data analytics combined with critical thinking skills to accelerate intelligence activities in a fast-paced, data-intensive environment where Airmen act as both producers and consumers of information. Understands how to operate within a collaborative sensing grid and use a common data environment to enable human-machine teaming and empower ISR Airmen to be more effective in solving problems and delivering time-dominant intelligence.
2.7. Performs targeting functions. Performs targeting functions to include kinetic and non-kinetic target development, weaponeering, precision point mensuration (PPM), force application, execution planning, and combat assessment. Selects and prioritizes targets and matches appropriate actions to those targets to create specific desired effects that achieve objectives, taking account of operational requirements and capabilities. Conducts analysis of enemy personnel, units, disposition, facilities, systems, and nodes relative to the mission, objectives, and the capabilities at the Joint Force Commander's disposal, to identify and nominate specific centers of gravity (COG) and high-value targets (HVT) that, if exploited in a systematic manner, will create the desired effects and support accomplishment of the commander's objectives.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of intelligence fundamentals, security, analysis, communications skills, the intelligence disciplines, the intelligence community, ISR information systems, research sources and methods, the presentation of friendly forces, friendly weapons systems, adversary capabilities, ISR operations, targeting, integration, and sensing grid activities.

3.2. Education. For entry education requirements see Appendix A, 14N CIP Education Matrix.

3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. 14N1. Completion of the Intelligence Officer Initial Skills Course.14N3. Completion of mission qualification, which includes but is not limited to IQT/MQT, mission certification, or other training deemed necessary to be considered qualified to perform assigned duties. (Note: Waivers for mandatory Intelligence Officer Initial Skills Course training must be submitted in accordance with AFI 36-2101 and 14N Career Field Manager guidance.)

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

3.4.1. 14N3. Complete a minimum of 36 months performing intelligence functions.

3.5. Other.

3.5.1. For entry and retention in this specialty:

3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 14NX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program* is mandatory. Access to T5 material is determined by favorable adjudication of the T5 updates, according to applicable security and intelligence regulations. The Air Force Central Adjudication Facility (AFCAF) is solely responsible for determining and certifying eligibility for access to T5 material.

3.5.2.1. In accordance with AFI 36-2101, withdrawal of T5 certification requires a withdrawal of 14NX AFSCs, unless an exemption is granted by HQ AFPC/DP2SSM on the recommendation of HQ USAF/A2. Revocation of an officer's security clearance by AFCAF requires a withdrawal of 14NX AFSCs without exception. ***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.

OPERATIONS ANALYSIS UTILIZATION FIELD (15AX)
Introduction
(Established 30 April 2020)

The Operations Analysis Utilization Field is comprised of Operations Research Analysts and encompasses the functions associated with advanced analytics, analysis, modeling and simulation, requirements development, assessments of current operations, weapons systems, force structure, doctrine and resources, and lessons learned. Operations Research originated as a scientific method to provide leaders a quantitative basis for operational decisions but is applicable at all levels. Operations research analysis' broad applicability allows Operations Research Analysts to integrate across multiple warfare domains, in Air Force, Joint Force and Interagency organizations to address a wide spectrum of challenges. In general, it requires an advanced quantitative, technical or mathematical educational background to apply the operations research and data science fundamentals necessary to operate as expected. Operations Research Analysts solve problems in complex environments, evaluate potential solutions, and communicate independent, objective, and data informed recommendations to conduct current and future operations.

AFSC 15A4, Staff
AFSC 15A3, Qualified
AFSC 15A1, Entry

OPERATIONS RESEARCH ANALYST
(Changed 31 Oct 19)

1. Specialty Summary. Operations Research Analysts broadly apply advanced analytical methods to provide commanders and decision makers with relevant, accurate, and timely data-informed decision support. Data science and data analytics are sub-disciplines and closely aligned to Operations Research as these disciplines provide data-driven insights. Operations Research Analysts are experts in data science and advanced analytics but more generally apply advanced analytical methods and mathematical models to better understand complex systems and situations. Operations Research Analysts are uniquely distinguished by their broad applicability and support to decision making at all levels, as well as across a wide-range of functional areas. By applying a structured approach to problem solving, Operations Research Analysts formulate problems in complex environments, evaluate potential solutions, and communicate independent, objective, and data-informed recommendations to commanders and decision-makers in support of current and future operations. Related DoD Occupational Index: 250100

2. Duties and Responsibilities:

2.1. Applies a structured approach to problem solving. Formulates problems, determines known and unknown parameters/variables, identifies interactions between parameters/variables, and selects the appropriate methodology and models to solve the problem. Evaluates potential solutions by applying appropriate solutions techniques and synthesizes outputs to inform conclusions and recommendations. Communicates the conclusions and recommendations with the appropriate operational context, identifies risks and trade-offs between solutions, and provides data-driven decision support.

2.2. Conducts studies, analyses, and assessments at the strategic, operational, and tactical levels, as well as across multiple functional areas (CAF, MAF, Space, Intel, Cyber, Manpower/Personnel, Finance, Logistics, Test & Evaluation, etc.). Provides data-driven insights and data-driven decision support to commanders and decision makers. Seeks, interacts, and incorporates insights from subject matter experts and stakeholders to ensure conclusions and recommendations are operationally relevant and have the appropriate context.

2.3. Conducts studies to investigate broad and complex systems or situations. Analyzes theories and research findings to determine applications. Constructs experimental/test models, devises methods and techniques to record and collect results, correlates and interprets data, identifies findings, and briefs results. Is cognizant of and applies interdisciplinary scientific knowledge to plan and conduct studies and analyses.

2.4. Conducts analyses to answer specific questions and inform decisions. Conducts quick-turn analyses to inform near-term decisions by drawing on available subject matter expertise and applies appropriate methods, models, and tools to answer questions, solve problems, and inform decisions. Develops and conducts in-depth analyses to inform mid- and long-term decisions by applying a more robust and rigorous approach. Pairs quick-turn and in-depth analyses to meet decision timelines without sacrificing analytical rigor.

2.5. Conducts assessments to enhance commander's decision making in order to make current and future operations more effective. Assessments at the theater-strategic and operational levels focus on tasks, effects, objectives, and progress towards a desired end-state. Assessments at the tactical-level primarily focus on task accomplishment but also inform operational and strategic effects, objectives, and progress towards a desired end-state. Leads and supports the Operations Assessment Team in Air Operations Centers (AOC). Applies assessments across the range of military operations and directly supports commander's decision-making by providing a measurable and evidence-based approach to strategy, operations planning, and allocation of resources to missions.

2.6. Leads analytic teams, cross-functional teams, and staffs. Provides staff supervision over activities and programs. Manages scientific programs, projects, and activities. Executes analytical tasks in support of programs, projects, and activities.

2.7. Designs, builds, adapts, and tailors Operations Research methods, models, and decision support tools which leverage applied mathematics, statistical analysis, quantitative economics, data analytics, data science, computer science, artificial intelligence, machine learning, decision analysis, optimization, risk assessment, stochastic modeling, etc.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge of Air Force operations, doctrine, requirements, acquisition and research policies, procedures, and management practices as they apply to the specialty overall is mandatory.

3.2. Education. For entry education requirements see Appendix A, 15A CIP Education Matrix.

3.3. Training. For award of AFSC 15A3, the following training is mandatory as indicated:

3.3.1. Completion of a master's degree or graduate certificate in a Tier 1 or Tier 2 discipline (see Appendix A, 15A CIP Education Matrix.) is mandatory. Qualifying graduate certificates must comprise at least 12 semester hours (18 quarter hours) of accredited

course work. Officers must complete this requirement within the first two years of assignment to the 15A career field. All officers will be afforded the opportunity to complete this requirement via the Air Force Institute of Technology (AFIT), Graduate School of Engineering.

3.3.2. Previous Initial Skills Training (IST) requirements: 1 Nov 2009 – 31 Oct 2019 - Completion of Operations Research Systems Analysis Military Applications Course (ORSA-MAC) within the first two years of active duty or master's degree in a Tier 1 or Tier 2 discipline (see Appendix A, 15A CIP Education Matrix). Note: Officers who have graduated ORSA-MAC up to and including Class 20-004, will satisfy the training requirements. Prior to 31 Oct 2009: Completion of AFIT Acquisition Fundamentals Course (FAM 103), the Air Education and Training Command (AETC) Acquisition Fundamentals Course (L30QR63A1), or the Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management Course (ACQ101).

Note: Officers accessed into the career field who completed the required IST courses at that time have satisfied their IST requirements. FAM 103 and ACQ 101 may still be a requirement for APDP certification, if needed due to assignment in an APDP position, but are not required for award of AFSC 15A3.

3.4. Experience. For award of AFSC 15A3, a minimum of 24 months of experience in a 15A3/4 position is mandatory. It is mandatory that experience includes assignments in such activities as analysis, research, development, design, and technical writing. A master's degree in one of the specified disciplines in Appendix A, 15A CIP Education Matrix may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in one of the specified disciplines in Appendix A, 15A CIP Education Matrix fulfills the 24-month requirement.

3.5. Other. Officers entering the Operations Research Analyst career field without a qualifying master's degree or graduate certificate must meet AFIT entry criteria.

★WEATHER AND ENVIRONMENTAL SCIENCES UTILIZATION FIELD (15WX)
(Changed 31 Oct 20)

INTRODUCTION

The Weather and Environmental Sciences Utilization Field encompasses policy planning, direction, control, evaluation, coordination of geosciences and weather support services. Included in this field are command, operations, administration, and technical inspection of Air Force, Space Force Support and Army support organizations providing airfield services (observing and resource protection), mission execution forecast services (forecasting) and staff support (such as weather studies and scientific research) services relating to the influence of atmospheric, space and environmental factors on military operations. These functions include surface, aerial, visual, and instrumental meteorological, solar, and geophysical observations; analysis, description, and forecasting of atmospheric and associated phenomena of earth and space; and participation in the research, development, testing, evaluation and implementation of MAJCOM and Air Force Weather Systems. Weather and Environmental Sciences officers provide support to Air Force, Space Force, Army, the Intelligence Community and Joint organizations.

Excluded from this field are the functions of site engineering, installation, and maintenance of electronic weather equipment. Refer to the Communications-Computer Systems Utilization Field for maintenance functions.

AFSC 15W4*, Staff
AFSC 15W3*, Qualified
AFSC 15W1*, Entry

★WEATHER AND ENVIRONMENTAL SCIENCES
(Changed 31 Oct 20)

1. ★Specialty Summary. Commands, manages, and performs weather and warfighting environment operations for Air Force and Army and Space Force support organizations and activities. Integrates current and forecast atmospheric and space weather conditions into operations and operational planning. Develops, directs, and coordinates meteorological, geophysical environment and space weather studies and research. Supports and executes weather operations through leadership and management of weather groups, squadrons, flights, detachments and operating locations. Supports Air Force core weather responsibility to provide meteorological and space weather information for DoD air, ground, and space operations. Related DoD Occupational Group: 250200.

2. ★Duties and Responsibilities:
2.1. Provides current analysis and predictive environmental intelligence as well as timely knowledge of the effects of those physical environmental factors on friendly and adversary joint capabilities across the range of military operations. This is accomplished through the operations processes of collection, processing, analysis, prediction, tailoring, dissemination, integration, and mitigation. Manage AF weather personnel and resources. Analyze and evaluate environmental data and prepare forecast products. Integrate weather analyses and reports with radar and satellite imagery interpretations to support operations. Brief aircrew and staff personnel on current and future environmental conditions, weather and their effects on air, ground and space operations. Instruct personnel on interpretation and use of geosciences products and their application to DoD missions. Perform global analysis and forecast duties at centralized weather, space and climate organizations. Provide weather warnings, watches, and advisories for mission-limiting environmental effects for designated military installations worldwide. Provide mission tailored forecasts for special and joint operations. Direct taking, recording, reporting, and decoding of meteorological, space weather, and other geosciences observations, analysis of data, preparation of forecasts and other prognostic products and use of meteorological equipment. Produce and direct studies to improve forecasting techniques and abilities. Advise commanders and their staffs on capabilities and limitations of weather operations.
2.2. Conduct and direct meteorological, space weather, climate and geophysical research efforts. Prepare and integrate specialized forecasts, climatology, and other geosciences weather information (drought, wildland fires, flooding, volcanoes, tropical cyclones etc.) for operational use. Identify weather and environmental sensitivities and shortfalls, conduct testing of meteorological systems and equipment. Recommend modifications of instruments, equipment, and products to improve weather service to weapon systems and technologies. Recommend changes in weather operations dictated by advances in military weapons, tactics, and doctrine. Provide meteorological consultation and data for research activities. Coordinate atmospheric and space research activities with military and civilian agencies. Develop and leverage environmental sensing strategies and capabilities. Integrate weather effects based on critical weather thresholds across the spectrum of mission profiles and into intelligence and operational preparation of the environment, command and control, and military decision making processes.
2.3. Provide technical meteorological services. Prepare and direct weather resources to support operational objectives. Write directives on operational techniques and procedures to observe, analyze, and forecast meteorological, solar, astrophysical and geophysical phenomena. Direct and prepare studies and reports to evaluate weather support requirements.
2.4. ★Lead weather units and elements in support of Air Force, Army, Space Force, Special Ops, and Joint missions. Provide decision-makers environmental information and focus on exploitation that provides the warfighter an asymmetric advantage. Serve as staff weather officer to commanders and is the focal point for all weather sensitivities in and around designated military operating areas. Lead weather personnel in training exercises, and contingency operations.

3. ★Specialty Qualifications:
3.1. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:
3.1.1. 15W3. Knowledge of Air Force weather observing and forecasting techniques, and procedures. Leadership of small weather teams/shifts.
3.1.2. 15W3A. Knowledge of Air Force advanced weather activities.
3.2. Education. The following education is mandatory for entry into the AFSC indicated:
3.2.1. 15W1. For entry education requirements see Appendix A, 15W CIP Education Matrix.
3.2.2. ★15W3A. Completion of a master's or PhD program with an emphasis in one or more of the following: meteorology, space weather science, climatology, hydrology. Completion of 30 semester hours of graduate work in these areas also fulfills the requirement.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. For award of 15W3, completion of the Weather Officer Course (WOC) (E3OBR15W1 0A1C) is required.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 15W3. A minimum of 12 months of experience in an Operational Weather Squadron (OWS), or other unit under supervision of a weather officer.
3.4.2. 15W3A. Qualification and possession of 15W3.
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 15WXX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory (see note 1).

3.5.2. Ability to clearly speak and communicate in the English language.
3.5.3. ★Selection for the Basic Meteorology Program is not automatic. The number of personnel selected is contingent on course availability and must be approved by the assignments team before member is accessed as a 15W.
3.5.4. Individuals are encouraged to choose course work or minors in space physics, climate, hydrology, geosciences, statistics, and data assimilation as the career field prepares to use Special Experience Identifiers in these areas.

NOTES
1: Award of the entry level without a completed T5 Investigation is authorized provided initial T5 Investigation paperwork has been submitted according to DoDM 5200.02_AFMAN 16 -1405.

4. *Specialty Shredout:

Suffix	*Portion of AFS to Which Related*
A	Advanced Weather Activities

OPERATIONS SUPPORT UTILIZATION FIELD (16XX)

Introduction

The Operations Support Utilization Field encompasses planning, formulating, coordinating, implementing, and reporting Air Force aspects of military intelligence requirements; international politico-military policies, problems, negotiations, and conferences; and developing and writing Air Force, Joint services, and combined plans, programs, and policies. The following is a complete listing of AFSCs for the Operations Support Utilization Field.

AFSC 16F4*, Staff
AFSC 16F3*, Qualified
AFSC 16F1*, Entry

FOREIGN AREA OFFICER (FAO)
(Changed 31 Oct 19)

3. Specialty Summary. Provides a cadre of Airmen with international insight, foreign language proficiency, cultural understanding, and political-military experience. Foreign area officers combine professional military skills with an intimate, nuanced understanding of the history, language, culture, geopolitical, geostrategic, and political-military issues of the countries and regions in which the Air Force operates. They employ this unique combination of knowledge, language skills, and regionally-concentrated/contextual understanding in which air, space, and cyberspace power is applied to integrate this into plans and operations, and build increasingly effective relationships and regional partnerships that are critical enablers to the Expeditionary Air, Space and Cyberspace mission. Related DoD Occupational Group: 230100.

4. Duties and Responsibilities:
4.1. Develops Air Force policy positions on regional affairs of national, combined, or joint service interest to include recommendations on treaties and international agreements. Receives, evaluates, and translates information from national and international agencies into tailored Air Force guidance. Assists in developing, coordinating, and implementing National Security Council policies. Determines requirements for military actions to implement national policy objectives.
4.2. Advises combined, joint, and Air Force operational commanders supporting Force Protection programs, establishing cooperative relationships with Host Nation partners, and supporting the full range of Global Engagement activities, from humanitarian relief operations to coalition building in support of contingency operations and major theater warfare.
4.3. Liaises with Departments of State and Defense and other governmental agencies involved with international affairs to present and interpret Air Force positions to interdepartmental and international committees and groups affecting negotiations on government-to-government and service-to-service levels.
4.4. Conducts analytical studies based on regional situations and trends, and prepares studies, reports, and surveys on political implications of proposed actions.
4.5. Foreign Area Officer positions include billets with an international focus at OSD, SAF, Air Staff, Joint Staff, Unified Commands, Combatant Commands, Defense Agencies, MAJCOMs, and NAFs.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of geopolitics, international relations, U.S. foreign policy, and U.S. military issues related to a specific region of qualification (see paragraph 4, Specialty Shred Outs), as well as the language and culture of the region.
3.2. Education.
3.2.1. For entry into 16F1 (suffixes C-H), regionally-focused advanced academic degree focusing on, but not limited to, the political, cultural, sociological, economic, and geographic factors specific to a region of qualification.
3.2.2. For award of AFSC 16F1A or 16F3A, there is no mandatory education requirement.
3.2.3. For award of fully qualified AFSCs 16F3 (suffixes C-H), no additional mandatory education requirement.
3.2.4. A detailed explanation of education requirements in outlined in AFI 16-109 *International Affairs Specialist Program (IAS*), and the 16F Career Field Education and Training Plan (CFETP)
3.3. Training.
3.3.1. 16F1X. Officers designated for FAO development by their development team (DT) will be awarded the entry level FAO AFSC (16F1X) upon completion of their applicable education and training programs as outlined in AFI 16-109 and the 16F CFETP.
3.3.1.1. Appropriate training for AFSC 16F1A, Attaché and Assistant Attaché, will be determined and provided by SAF/IA and DIA on a case-by-case basis.
3.3.1.2. For AFSCs 16F1 (suffixes C-H); appropriate training is listed in AFI 16-109 and the 16F CFETP.
3.4. Experience.
3.4.1. 16F3X. Officers designated for FAO development by their DT will be awarded the qualified FAO AFSC (16F3X) after successfully completing applicable education and training programs, a minimum of 12 months experience in an IAS (FAO or PAS) billet.
3.4.1.1. For award of AFSC 16F3A, a minimum of 12 months experience is mandatory in an Attaché position.
3.5. Other. See AFI 16-109 for additional requirements.
NOTES:
1. Award of the entry level without a completed Tier 5 (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*.
2. AFSCs 16FX (suffixes A-H) can only be awarded as a 2nd or 3rd AFSC. Officers will retain their primary AFSC (PAFSC) throughout their career.
3. AFSC 16FXL refers to an assignment in which a FAO from any FAO region may serve.
4. Award and removal of all AFSCs related to this career field must be approved by SAF/IAPA, 112 Luke Ave Bldg 5683, Suite 230 Washington DC 20032-0000, usaf.pentagon.saf-ia.mbx.saf-iapa-ias@mail.mil
5. Decertification: The Chief and Deputy of the International Airmen Division (SAF/IAPA), who serve as the 16F Career Field Managers, retain full decertification authority for FAOs in instances of gross misconduct, repeated failure to maintain certification standards, returned

from assignment for cause and/or infractions to include violation of Partner Nation/U.S. laws. In cases of decertification, the 16FX Career Field Manager will request that the member's Commander remove the 16FX AFSC from the officer's record.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Attaché
C	SOUTHCOM
D	PACOM
F	CENTCOM
G	AFRICOM
H	EUCOM
L	Generalist

AFSC 16G4, Staff
AFSC 16G3, Qualified
AFSC 16G1, Entry

AIR FORCE OPERATIONS STAFF OFFICER
(Changed 30 Apr 10)

1. Specialty Summary. Develops and writes Air Force, joint services, or combined plans, programs, and policies. Uses broad operations background and understanding of the entire spectrum of Air Force operational doctrine and employment in multi-functional areas of responsibility to satisfy mission objectives. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Develops and writes Air Force, joint services, or combined plans. Executes planning process based on defense guidance, and HQ USAF, major command, or joint services organization policies, directives, and procedures. Develops assumptions upon which the planning process is constrained. Develops plans that are responsive to Air Force doctrine and fully exploit the Air Force's unique war-fighting capabilities. Coordinates plans between staff agencies to ensure a coherent planning effort.
2.2. Programs resource allocation according to the Planning, Programming, and Budgeting System (PPBS). Executes programming actions based on guidance from major commands, joint activities, or DoD. Analyzes impact of programming decisions on war-fighting capabilities. Coordinates programming actions to facilitate issue resolution and ensure timely completion.
2.3. Develops and writes Air Force, joint services, or combined policies. Ensures policies are designed to maximize the effectiveness of Air Force operations in support of combat Commanders-In-Chief missions. Coordinates policy actions to facilitate issue resolution and ensure timely completion.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: Air Force, joint services, or combined plans development for the PPBS; planning or programming in multi-functional areas; and a strong operational background with in-depth understanding of all Air Force operational capabilities and doctrines.
3.2. Education. For entry into this specialty, advanced studies in military history, doctrine, or strategy, international affairs, or political science is desirable.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 16G3, a minimum of 12 month's experience is mandatory in functions of this specialty.
3.5. Other.
3.5.1. For entry into this specialty, the following is mandatory:
3.5.1.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 16GX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.
3.5.2. For entry into this specialty, one of the following is desirable:
3.5.2.1. Prior qualification (XXX3) in one of the following AFSCs: 11XX - Pilot; 12XX - Navigator; 13BX - Air Battle Management; 13DX - Combat Rescue Officer; or 13SX - Space and Missile Operations, 14NX - Intelligence, 21AX - Aircraft Maintenance, or 31PX - Security Forces.
3.5.2.2. Prior qualification (XXX3) in AFSC 17DXX Cyberspace Operations, with previous assignment to combat communications, ground theater air control system, airborne communications, air operations centers, or deployable numbered Air Force (NAF) staff.
3.5.2.3. Graduate of School for Advanced Airpower Studies (SAAS) or resident Air Command and Staff College.

NOTES:
1. 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.
2. 16G4 authorizations are restricted to organizations at NAF or above. Centers, squadrons, or flights that report directly to NAFs or above may use 16G3/4.

AFSC 16K4, Staff
AFSC 16K3, Qualified
AFSC 16K1, Entry

SOFTWARE DEVELOPMENT OFFICER (SDO)
(Established 30 Apr 19)

1.Specialty Summary. Designs, develops, or manages the development of bespoke software or software-intensive weapon systems. Provides advice and leadership in the acquisition and operational communities on the development and deployment of modern software capabilities, to include the usage of commercial products.

2.Duties and Responsibilities

2.1. Software Development Officer positions include billets with a modern software focus at AFMC, Air Staff, MAJCOMs, NAFs, and operations units that use software-intensive weapon systems.

2.2. **Product Manager (M Suffix)**

2.2.1. Defines and prioritizes product features using Agile/Lean product development practices

2.2.2. Works with the project team, leadership, stakeholders, and other PMs to progress the goal of shipping the right product to users.

2.2.3. Ensures that the product is successful in terms of user value, stakeholder value, and organizational business goals

2.3. **Product Designer (D Suffix)**

2.3.1. Makes daily product decisions, works on a collaborative team, pairs with team members, and helps ensure user satisfaction using lean and agile methodologies

2.3.2. Understands user needs and solves the right problems to deliver new or improved products and services that meet the needs of the Air Force.

2.3.3. Practices and is willing to learn any/all of the dimensions of design - research, testing, ux, visual, css, etc.

2.4. **Software Engineer (E Suffix)**

2.4.1. Researches problems and breaks them into deliverable software iterations

2.4.2. Exhibits strong communication skills/ works in an individual- or pair-programming environment

2.4.3. Uses Lean, Extreme Programming, User Centered Design and Agile methodologies

2.5. **Data Scientist (S Suffix)**

2.5.1. Transforms problem statements into analysis, uses computer based models and simulation to find optimal solutions, and communicates results

2.5.2. Creates visualizations and implements dashboards for key performance indicators

2.5.3. Uses Lean, Extreme Programming, User Centered Design, and Agile methodologies

3.Special Duty Qualifications

3.1.Knowledge

3.1.1. Product Manager: Ability to architect the future of products by bridging engineering 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

3.1.2. Product Designer: Ability to create intuitive, innovative, and effective products that military operators love, 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.

3.1.3. Software Engineer: Ability to develop 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.

3.1.4. Data Scientist: Ability to find 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.

3.2. Education.

3.2.1. Undergraduate or graduate education related to computer science, computer engineering, is desirable, but not required for E suffix.

3.2.2. Undergraduate or graduate education related to operations research, mathematics, statistics, economics, or data science is required for S suffix

3.3. Training.

3.3.1. 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.

3.4.1. No specific experience is required for 16K1X. Award of this AFSC is granted upon assignment into a 16K designated billet.

3.4.2. For award of 16K3X, a minimum of 12 months experience in a software development assignment is required

3.4.3. Officers may not fill a 16K4X position without 12 months previous experience as part of an operational software development team

4. Specialty Shredouts

D	Product Designer
E	Software Engineer
M	Product Manager
S	Data Scientist

AFSC 16P4, Staff
AFSC 16P3, Qualified
AFSC 16P1, Entry

POLITICAL-MILITARY AFFAIRS STRATEGIST (PAS)
(Changed 31 Oct 19)

1. Specialty Summary. Provides political-military expertise to build effective relationships with our global partners. This international expertise is key to an ability to sustain coalitions, pursue international stability and security cooperation, and contribute to multi-national operations. Related DoD Occupational Group: 230100.

2. Duties and Responsibilities:
2.1. Develops Air Force policy positions on international political-military affairs of national, combined, or joint service interest. Receives, evaluates, and translates information from national and international agencies into tailored Air Force guidance. Assists in developing, coordinating, and implementing National Security Council policies. Determines requirements for military actions to implement national policy objectives.
2.2. Advises combined, joint, and Air Force operational commanders supporting the full range of Global Engagement activities.
2.3. Coordinates with Departments of State and Defense and other governmental agencies involved with international affairs to present and interpret Air Force positions to interdepartmental and international committees and groups affecting negotiations on government-to- government and service-to-service levels.
2.4. Conducts analytical studies based on political-military situations and trends, and prepares studies, reports, and surveys on political implications of proposed actions.
2.5. Political-Military Affairs Strategist positions include billets with an international focus at OSD, SAF, Air Staff, Joint Staff, Unified Commands, Combatant Commands, Defense Agencies, MAJCOMs, and NAFs.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of geopolitics, international relations, U.S. foreign policy, and U.S. military issues.
3.2. Education. Advanced academic degree in International Relations or related field. Additional information may be found in AFI 16-109, *International Affairs Specialist (IAS) Program*.
3.3. Training.
3.3.1. Appropriate training is listed in AFI 16-109.
3.3.2. 16P1. Officers, who complete an applicable Political-Military oriented Intermediate Developmental Education (IDE) program and those officers who qualify for PAS Direct Utilization, per AFI 16-109 and approved for certification by the 16P CFM, will be awarded the entry level PAS AFSC (16P1).
3.4. Experience. For award of AFSC 16P3, mandatory minimum of 12 months experience as a 16P1 in a PAS billet.
3.5. Other. The following are mandatory, as indicated:
3.5.1. Prior qualification in any AFSC is mandatory.
3.5.2. Officer must be a major-select or higher before being considered a candidate for selection to the PAS program.

AFSC 16R4, Staff
AFSC 16R3, Qualified
AFSC 16R1, Entry

PLANNING AND PROGRAMMING

1. Specialty Summary. Develops and writes Air Force, joint services, and combined plans, programs, and policies (numbered Air Force and above). Services multi-functional areas of responsibilities to satisfy mission objectives and does not include duties involving a single functional area such as logistics, operations, finance, and so forth. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:
2.1. Develops and writes Air Force, joint services, and combined plans. Executes planning process based on defense guidance, and HQ USAF, major command, or joint services organization policies, directives, and procedures. Develops assumptions upon which the planning process is constrained. Develops plans that are responsive to Air Force doctrine and war-fighting capability. Coordinates plans between staff agencies to ensure a coherent planning effort.
2.2. Programs resource allocation according to the Planning, Programming, and Budgeting System. Executes programming actions based on guidance provided from major commands, joint activities, or Department of Defense. Analyzes impact of programming decisions on war-fighting capabilities. Coordinates programming actions to facilitate issue resolution and ensure timely completion.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of Air Force, joint services, or combined plan development for the planning, programming, and budgeting system, and planning or programming in multi-functional areas.
3.2. Education. For entry into this specialty, an advanced degree is desirable in management, business administration, international affairs, or political science.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 16R3, a minimum of 12 months of experience is mandatory in functions of this specialty.
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 16RX, completion of a current T5 Investigation 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.

CYBERSPACE WARFARE OPERATIONS UTILIZATION FIELD (17XX)

Introduction
(Changed 30 APR 2020)

The Cyberspace Warfare Operations Utilization Field encompasses all functions performed by cyberspace operations officers to conduct or directly support cyberspace operations and cyberspace training. Inherently included are supervisory and staff functions such as inspection, contingency planning, and policy formulation.

Specific instruction on use of certain AFSCs:

Identify cyberspace warfare operations officers with 17XX specialties appropriate to the type of missions involved. Use the following prefixes to identify additional rated qualifications and experience, and unit manpower document positions that require these capabilities:

- A Operational Warfare Instructor
- B Squadron Operations/Operations Support
- C Commander
- E Electronic Warfare
- K Instructor for weapon system designated by AFSC
- N Combat Systems Officer(CSO)/Air Battle Manager (ABM) Required
- P Pilot Required
- Q Standardization or Flight Examiner for weapon system designated by AFSC
- R Contingency/War Plans
- S Safety
- T Formal Training Instructor
- U Information Operations
- W Weapons and Tactics Instructor
- Y Analytical Studies
- Z Cyberspace Engineering

Identify Cyberspace Warfare Operations Officers serving as instructors in undergraduate cyberspace training and formal training units (FTU) with a T prefix. Do not award a T prefix to instructors in operational units. Prefix K identifies these instructors and authorizations.

AFSC 17C0

CYBERSPACE WARFARE OPERATIONS COMMANDER
(Changed 30 Apr 2020)

1. Specialty Summary. Commands Cyberspace Warfare Operations Groups and Squadrons. Directs and monitors activities to ensure seamless integration of cyberspace operations resources for Air Force operations. Related DoD Occupational Group: 220700 & 240300.

2. Duties and Responsibilities:
2.1. Commands groups and squadrons. Directs cyberspace operations including DoD Information Network operations, defensive and offensive cyberspace operations activities, expeditionary communications, combat communications support, and computer system engineering and installation. Implements directives from higher headquarters.
2.2. Coordinates group's and squadron's activities. Coordinates staff activities pertaining to unit personnel and information management, financial and supply management, planning, and programming to ensure accomplishment of unit mission. Ensures cyberspace operations requirements are met, unique systems are accredited and operators are weapons system/mission certified for secure and reliable operations.
2.3. Monitors cyberspace operations activities. Monitors and evaluates effectiveness of activities and functions, training programs, readiness of personnel and systems, and operation and adequacy of activities. Ensures necessary operations are conducted to provide command and control, secure and non-secure voice and data, and other battle space effects.

3. Specialty Qualifications:
3.1. Knowledge. For award and retention of this AFSC, knowledge is mandatory of network systems operations, industrial control systems, information management; communications; command and control. Additional knowledge in intelligence and acquisitions fields is also desired.
3.2. Education. Undergraduate or graduate education related to computer science, computer engineering, or information technology is desirable but not required.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other.
3.5.1. For award and retention of this AFSC, specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments and completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*. **NOTE:** Award of the 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.
3.5.2. Retention of these AFSCs may require favorable adjudication of counter-intelligence polygraph and/or favorable determination for access to sensitive compartmented information.
3.5.3. Members may be required to pass a Class III flight physical to qualify for specific positions within this AFS.

AFSC 17D4*, Staff
AFSC 17D3*, Qualified
AFSC 17D2*, Intermediate
AFSC 17D1*, Entry

WARFIGHTER COMMUNICATIONS OPERATIONS
(Changed 30 Apr 2020)

1. Specialty Summary. Operates, secures, configures, designs, maintains, sustains, and extends cyberspace infrastructure; provides and employs cyberspace capabilities; and leads Department of Defense information network (DODIN) operations missions to achieve Commander's objectives in or through cyberspace.

2. Duties and Responsibilities:
2.1. Plans, designs, maintains, and operates information networks and cyberspace systems necessary for operations.
2.2. Provides a broad range of cyber-related expertise key to successful warfighting operations in the air, space, and cyberspace domains, to include the electromagnetic spectrum
2.3. Facilitates architectural and technical solutions to operational requirements; vets potential solutions and advises commanders on associated risks and mitigation factors.
2.4. Directs the extension, employment, reconfiguration, adaptation and creation of portions of cyberspace to assure mission success for commanders. This includes both deliberate and crisis action scenarios.
2.5. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.
2.6. Provides specific cyber-terrain-focused expertise to defensive cyberspace operators to enhance their ability to defend that terrain.
2.7. Advocates for resources when existing resources are insufficient to prosecute assigned missions.
2.8. Develops Primary, Alternate, Contingency, and Emergency (PACE) communications plans to support mission assurance. Manages operations with degraded capabilities while working to reestablish primary ones.

3. Specialty Qualifications:
3.1. Knowledge. Mandatory knowledge includes information technology, wired and wireless telecommunications, computer networking, cloud architectures, electronics theory, information assurance, data links management, spectrum operations, vulnerability assessment techniques, operating system environments, scripting, operational and tactical planning, and supervisory control and data acquisition systems. Knowledge will include the military application of these technologies as well as industry best practices.
3.2. Education. Undergraduate or graduate education related to computer science, computer engineering, or information technology is desirable, but not required.
3.2.1. Prior service 3D, 1D7, 1B4, or 1N4XA commissioning Airmen, and equivalent career fields in other services, will be accepted into the career field regardless of undergraduate degree possessed.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For award of AFSC 17D1XA/B, completion of IST Phase I (17XXX) and Phase II (17DXX), and Phase III (17DXA/B). .
3.4. Experience.
3.4.1. For upgrade to AFSCs 17D2X/3X, unit commander determines proficiency based on performance, experience and completion of minimum training requirements.
3.4.2. For award of 17DXYindividuals must have previously held 17DXX position.
3.5. Other.
3.5.1. For award and retention of this AFS, specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments and 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.
3.5.2. Retention of these AFSCs may require favorable adjudication of counter-intelligence polygraph and/or favorable determination for access to sensitive compartmented information.
3.5.3. Members may be required to obtain and maintain a Flying Class III physical to qualify for specific positions within this AFS.

4. ***Specialty Shredouts**:

Suffix	*Portion of AFS to Which Related*
A	Network Operations
B	Expeditionary Communications Operations
C	Capabilities Development
S	Software Development
Y	General

AFSC 17S4*, Staff
AFSC 17S3*, Qualified
AFSC 17S2*, Intermediate
AFSC 17S1*, Entry

CYBERSPACE EFFECTS OPERATIONS
(Changed 30 Apr 2020)

1. Specialty Summary. Operates cyberspace weapons systems and commands crews to accomplish cyberspace, training, and other missions.

2. Duties and Responsibilities:
2.1. Plans and prepares for mission. Reviews mission tasking and intelligence information. Supervises mission planning, preparation and crew briefing/debriefing. Ensures equipment and crew are mission ready prior to execution/deployment.
2.2. Operates weapons system(s) and commands crew. Performs, supervises, or directs weapons system employment and associated crew activities.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:
3.1. Knowledge. Required knowledge includes electronics theory, information technology, wired and wireless telecommunications, computer networking, supervisory control and data acquisition systems, vulnerability assessment techniques, operating system environments, programming, scripting, exploitation techniques, threat actor life cycle, malware components and techniques, mission and terrain analysis techniques, capability pairing, integrating intelligence, large force employment, and operational planning and governing cyberspace operations directives, procedures and tactics.
3.2. Education. Undergraduate or graduate education related to computer science, computer engineering, or cyber security is desirable, but not required.
3.2.1. Prior service 3D, 1D7, 1B4, or 1N4X1A commissioning Airmen will be accepted into the career field regardless of undergraduate degree possessed, provided they meet other acceptance criteria.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For award of AFSC 17SXA/B, completion of initial skills training Phase I (17XXX), Phase II (17SXX), and Phase III (17SXA/B).
3.4. Experience.
3.4.1. For upgrade to AFSC 17S2/3, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements and any unit-designated training.
3.4.2. For award of 17SXY, individuals must have previously held a 17SXX position.
3.5 Other.
3.5.1 For award and retention of these AFSCs, specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments and completion of a current T5 Investigation 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.
3.5.2 Award of these AFSCs, or certain shredouts, may require completion and favorable adjudication of a cyber-aptitude assessment.
3.5.3. Retention of these AFSCs may require favorable adjudication of counter-intelligence polygraph and/or favorable determination for access to sensitive compartmental information.

4. Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Offensive Cyberspace Operator
B	Defensive Cyberspace Operator
C	Capabilities Development
S	Software Development
Y	General

REMOTELY PILOTED AIRCRAFT PILOT UTILIZATION FIELD (18XX)

Introduction
(Established 30 Apr 10)

The Remotely Piloted Aircraft Pilot (RPA Pilot) Utilization Field encompasses all functions performed by rated RPA pilot officers to conduct or directly support RPA flying operations, including combat, combat support, and training missions. Inherently included are supervisory and staff functions such as inspection, contingency planning, and policy formulation.

Specific instruction on use of certain AFSCs:

Identify RPA pilots with 18XX specialties appropriate to the type of missions and weapon system involved. Use the following prefixes to identify additional rated qualifications and experience, and unit manpower document positions that require these capabilities:

- A Operational Warfare Instructor
- B Squadron Operations/Operations Support
- C Commander
- E Electronic Warfare
- F Aircraft Systems Flight Evaluation
- G Automated Systems Program Designer
- K Instructor for weapon system designated by AFSC
- Q Standardization or Flight Examiner for weapon system designated by AFSC
- S Safety
- T Formal Training Instructor
- U Information Operations
- W Weapons and Tactics Instructor
- Y Analytical Studies

Identify RPA pilots serving as instructor RPA pilots in undergraduate training and formal training units (FTU) with a T prefix. Do not award a T prefix to instructor remote pilots in operational units. Prefix K identifies these instructors and authorizations.

Identify requirements for staff officers above wing level with a staff AFSC (18X4). Award individuals possessing a qualified AFSC (18X3) or a staff AFSC (18X4) upon assignment to a position so identified.

Qualification level 3 designates an RPA pilot qualified as an aircraft commander in the assigned specialty or credit. Level 1 identifies rated remote pilots at the entry level for their specialty.

Current aeronautical rating and qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges,* are mandatory for award and retention of RPA pilot AFSCs. See AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted),* for policy on retention or withdrawal of rated AFSCs for personnel disqualified from aviation service or placed in an inactive status.

AFSC 18A4*, Staff
AFSC 18A3*, Qualified
AFSC 18A1*, Entry/Student

ATTACK REMOTELY PILOTED AIRCRAFT PILOT
(Changed 31 Oct 12, Effective 27 Aug 12)

1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, attack, combat, training, and other missions. 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, surveillance, reconnaissance, and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Undergraduate Remotely Piloted Aircraft Training (URT), or possess an aeronautical rating of Pilot or Navigator/Combat Systems Officer (CSO).
3.3.2. For award of AFSC 18A3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSC 18A3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as RPA Pilot.
3.5.2. For award of AFSC 18A3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs, 18AXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	MQ-1
B	MQ-9
U	Air Liaison Officer (ALO)
Y	General
Z	Other

AFSC 18E4*, Staff
AFSC 18E3*, Qualified
AFSC 18E1*, Entry/Student

EXPERIMENTAL TEST REMOTELY PILOTED AIRCRAFT PILOT
(Changed 30 Apr17)

1. Specialty Summary. Plans, conducts, directs, and reports on flight test programs associated with the design, development, and modification of remotely piloted aircraft, aerospace vehicles, flight simulators, and related systems. Related DoD Occupational Group: 220200.

2. Duties and Responsibilities:
2.1. Plans and conducts flight test activities. Formulates test procedures and conducts tests to evaluate structural integrity, performance, handling characteristics, reliability, and suitability of aircraft and systems.
2.2. Manages research, test and evaluation projects, and programs. Integrates test objectives, organizes and directs test forces, and supervises flight operations.
2.3. Identifies design and operational deficiencies and recommends improvements. Prepares technical reports and recommendations for design improvements.
2.4. Develops plans and policies, monitors operations, and advises commanders. Assists commanders and performs staff functions related to this specialty.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of aircraft performance and handling fundamentals, operational employment concepts, and flight test procedures.
3.2. Education. For entry into this specialty, an undergraduate degree specializing in physical sciences, mathematics, or engineering is mandatory.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Undergraduate Remotely Piloted Aircraft Training (URT), or possess an aeronautical rating of Pilot or Navigator/Combat Systems Officer (CSO).
3.3.2. For award of AFSC 18E3X, completion of the Air Force Test Pilot School, Experimental Test Pilot Course, or equivalent US Navy or foreign test pilot school is mandatory.
3.4. Experience. For upgrade to AFSC 18E3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Current aeronautical rating and qualification for aviation service as RPA pilot.
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as RPA Pilot.
3.5.2. For award of AFSC 18E3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs, 18EXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Attack
B	Reconnaissance
C	Special Operations
Y	General
Z	Other

AFSC 18G4, Staff
AFSC 18G3, Qualified

GENERALIST REMOTELY PILOTED AIRCRAFT PILOT
(Changed 30 Apr 12)

1. Specialty Summary. Develops plans and policies, monitors and evaluates operations, coordinates staff activities, and advises commanders. Related DoD Occupational Group: 220100.

2. Duties and Responsibilities:
Monitors, evaluates, and directs flying operations and training programs. Develops requirements for equipment and training. Prepares and coordinates budgets. Analyzes rated manpower requirements and formulates personnel policies. Prepares, coordinates, and disseminates policy directives and implementing instructions. Develops contingency plans.

3. Specialty Qualifications. For entry into this specialty, prior qualification in any remote pilot AFSC (18X3) is mandatory.
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 award and retention of this AFSC, current aeronautical rating and no permanent disqualification for aviation service as RPA Pilot.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 18GX, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory.
***NOTE**:* These AFSCs are only authorized to identify nonflying positions where designation of a specific remote pilot AFSC is not feasible.

AFSC 18R4*, Staff
AFSC 18R3*, Qualified
AFSC 18R1*, Entry/Student

RECONNAISSANCE REMOTELY PILOTED AIRCRAFT PILOT
(Changed 30 Apr 12)

1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to accomplish reconnaissance, surveillance, combat, training, and other missions. 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, surveillance, reconnaissance, and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Undergraduate Remotely Piloted Aircraft Training (URT), or possess an aeronautical rating of Pilot or Navigator/Combat Systems Officer (CSO).
3.3.2. For award of AFSC 18R3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSC 18R3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as RPA Pilot.
3.5.2. For award of AFSC 18R3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 18RXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
C	RQ-4
E	RQ-170
Y	General
Z	Other

AFSC 18S4*, Staff
AFSC 18S3*, Qualified
AFSC 18S1*, Entry/Student

SPECIAL OPERATIONS REMOTELY PILOTED AIRCRAFT PILOT
(Changed 30 Apr 12)

1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to accomplish special operations, combat, training, and other missions. 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, surveillance, reconnaissance, and weapons employment operations.
2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by conducting or supervising mission specific training.
2.4. Develops plans and policies, monitors operations, and advises commanders. 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, an undergraduate degree specializing in physical sciences, mathematics, administration, or management is desirable.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For entry into this specialty, completion of Air Force Undergraduate Remotely Piloted Aircraft Training (URT), or possess an aeronautical rating of Pilot or Navigator/Combat Systems Officer (CSO).
3.3.2. For award of AFSC 18S3X, completion of transition and operational training in the suffix specific aircraft.
3.4. Experience. For upgrade to AFSC 18S3X, unit commander determines proficiency based on performance, experience, and completion of minimum training requirements.
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of this AFSC:
3.5.1.1. Qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.1.2. Current aeronautical rating and no permanent disqualification for aviation service as RPA Pilot.
3.5.2. For award of AFSC 18S3X, certification of aircraft commander qualification by appropriate operations authority.
3.5.3. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs, 18SXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	MQ-1
B	MQ-9
U	Air Liaison Officer (ALO)
Y	General
Z	Other

★AIR FORCE SPECIAL WARFARE UTILIZATION FIELD (19XXX)

Introduction
(Changed 31 Oct 20)

The Air Force Special Warfare (AFSPECWAR) utilization field encompasses the Air Force's premier ground forces specializing in the application of airpower. Air Force Special Warfare Officers command and lead ground forces in global access, precision strike, and personnel recovery missions requiring multi-domain operations in hostile, denied, and politically sensitive environments to achieve air, space, and cyber dominance. They are responsible for leading, organizing, training, and equipping the special tactics, guardian angel, and tactical air control party (TACP) weapon systems.

AFSPECWAR (19Z) responsibilities include leading, mission planning, and managing day-to-day operations of guardian angel, TACP, and special tactics teams delivering air, space, and cyber power to the joint force commander. This AFSPECWAR officer is responsible for the successful execution of all missions of the guardian angel, TACP, and special tactics weapon systems. They command operations that provide safe, orderly, and expeditious air traffic control on assault zones and in the terminal area. They provide expert joint multi-domain effects and aerial/surface fires support. They command global access and personnel recovery operations for the air and special operations component commanders.

Positions above wing level may qualify for the staff AFSC. The staff AFSC identifies an officer position above wing level specifically on the duty requirements of the role performed, not the fact that the authorization is on a staff above wing level. Use staff AFSCs (XXX4) to identify planning and policy-making positions above wing level. It requires the same skills as those for the qualified AFSC (XXX3), but applied to developing broad policies, plans, and procedures. Management responsibility increases without a corresponding increase in knowledge of the technical aspects of the function. Officers filling/have filled such positions are awarded the staff AFSC.

AFSC 19Z4,* Staff
AFSC 19Z3*, Qualified
AFSC 19Z2*, Intermediate
AFSC 19Z1*, Entry

★SPECIAL WARFARE
(Changed 31 Oct 20)

★1. **Specialty Summary.** The AFSPECWAR officer leads joint forces in global access, precision strike, and personnel recovery mission sets. The AFSPECWAR specialty enables ground commanders the ability to seamlessly tie air, ground, space, cyber, joint, inter-agency, and multi-national capabilities into the ground scheme of maneuver for multi-domain effects.

2. **Duties and Responsibilities:**
2.1. 19ZXX – Ensures AFSPECWAR teams are organized, trained, and equipped to perform the core missions of direct action, special reconnaissance, environmental planning and operations, personnel/material recovery, hostage rescue, counter-terrorism, counterinsurgency, joint fires and effects integration, command and control, security force assistance, countering weapons of mass destruction, advanced special operations, unconventional warfare, advanced force operations, and foreign internal defense. Functions as direct combatant providing world-wide expertise as an AFSPECWAR leader and operator. Creates policy and guidance in support of joint and coalition forces engaged in conventional and special air, ground and maritime operations.
2.2. 19ZXA – Leads special operations forces conducting global access, precision strike, and personnel recovery operations across multiple domains to support the joint force commander. Leads provides air traffic control, terminal attack control, command and control, and enables operational interface among air, space, and cyber assets to the ground and maritime forces. Leads special reconnaissance activities and personnel in all phases of intelligence collection and dissemination.
★2.3. 19ZXB – Leads combat air forces and special operations forces conducting precision strike, the application and integration of joint fires, and joint all-domain command and control operations to support the joint force.
2.4. 19ZXC – Leads personnel recovery and special operations forces conducting combat operations across multiple domains to support the joint force commander. Leads and provides multi-domain command and control for personnel recovery operations and forces to report, locate, support, recover and reintegrate isolated personnel.

3. **Specialty Qualifications:**
3.1. Knowledge. The following knowledge is mandatory for the award of 19Z3:
3.1.1. Command and control principles and procedures, flight characteristics of aircraft, radio communications, digital communications, signaling devices, and tactical communications procedures; personal protection and sustenance; rough terrain movement, combat medical treatment, survival techniques, small unit tactics, field leadership, military decision making process and evasion using maps and charts. Employment methods to include fast rope, rope ladder, hoist, rappelling, overland movement, parachuting operations to include static-line and military free-fall parachuting procedures.
3.1.2. Understands airspace control, air traffic control and airfield operations, procedures, regulations along with airfield management and base operations.
3.1.3. Understands the application of personnel recovery for joint and combined operational planning. Possesses strategic, operational, and tactical personnel recovery understanding to effectively report, locate, support, recover, and reintegrate isolated personnel. Understands command and control principles/procedures for Air Force combat search and rescue principles/procedures.
3.1.4. Coordinates and is familiar with close air support procedures, terminal attack control, theater air-ground system, joint planning products/processes, surface to surface and air to surface fires weapons and effects, intelligence, surveillance, and reconnaissance, electronic warfare, and airspace management.
3.2. Education. For entry education requirements see Appendix A, Paragraph 4, 19Z CIP Education Matrix.
3.3. Training. Completion of the following is mandatory for the award of AFSC 19ZXX:
3.3.1. 19Z1X:
3.3.1.1. Successful completion of an AFSPECWAR Initial Officer Assessment & Selection Course (Phase I & Phase II).
3.3.1.2. Successful completion of the AFSPECWAR physical ability and stamina test.
3.3.1.3. Successful completion of an AFSPECWAR assessment and selection.
3.3.1.4. AFSPECWAR common operator baseline skills.
3.3.1.5. AFSPECWAR basic leadership course.
★3.3.2. 19Z2X
★3.3.2.1. 19Z2A:
★3.3.2.1.1. AFSPECWAR (19Z) Officer Initial Skills Training Course
3.3.2.1.2. Static-line Parachutist Course
3.3.2.1.3. Combat Survival Training
3.3.2.1.4. Air Force Combat Diver Course
3.3.2.1.5. Underwater Egress Training
3.3.2.1.6. Military Free-fall Parachutist Course
3.3.2.2. 19Z2B:

★3.3.2.2.1. AFSPECWAR (19Z) Officer Initial Skills Training Course
★3.3.2.2.2. Static-line Parachutist Course
3.3.2.2.3. Combat Survival Training
3.3.2.2.4. Basic Air Liaison Officer Skills Course
3.3.2.3. 19Z2C:
★3.3.2.3.1. AFSPECWAR (19Z) Officer Initial Skills Training Course
3.3.2.3.2. Static-line Parachutist Course
3.3.2.3.3. Combat Survival Training
3.3.2.3.4. Air Force Combat Diver Course
3.3.2.3.5. Underwater Egress Training
3.3.2.3.6. Military Free-fall Parachutist Course
3.3.3. 19Z3X
3.3.3.1. 19Z3A:
3.3.3.1.1. Special Tactics Advanced Skills Training
3.3.3.2. 19Z3B:
3.3.3.2.1. Tactical Air Control Party Advanced Skills Training
3.3.3.2.2. Joint Terminal Attack Controller Course
3.3.3.3. 19Z3C:
3.3.3.3.1 Guardian Angel Advanced Skills Training
3.4. Experience. 19Z3A/B/C:
3.4.1. Minimum of 6 months experience in an AFSPECWAR assignment or the unit commander determines proficiency based on performance and experience.
3.5. Other. The following are mandatory as indicated.
3.5.1. Completion of an AFSPECWAR officer assessment and selection phase 1 and 2 for entry as 19Z1.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For entry, award and retention of 19Z, completion of a current T5 investigation according to DoDM 5200.02_AFMAN 16-1405, Air Force Personnel Security Program.
3.5.3. For accession into and retention all 19Z's must maintain compliance with medical standards for the Special Warfare Airman physical as defined in the Special Warfare Airman column of the Medical Standards Directory.
3.5.3.1. 19Z3A: Must maintain physical and combat ready status qualification for marine diving and parachutist duty. Must pass the occupationally specific, operationally relevant (OSOR) Tier 2 operator fitness test (OFT).
3.5.3.2. 19Z3B: Must maintain physical and combat ready status qualification for parachutist duty and applicable qualifications. Must pass the OSOR Tier 2 OFT.
3.5.3.3 19Z3C: Must maintain physical and combat ready status qualification for marine diving and parachutist duty IAW AFI 10- 3502, Volume 1, Pararescue & Combat Rescue Officer Training. Must maintain certification IAW AFI 10-3502, Volumes 1 and 2. Must pass the OSOR Tier 2 OFT.
NOTE: Award of the entry level without a completed T5 is authorized provided an interim Top Secret security clearance has been granted according to DoDM 5200.02_AFMAN 16 -1405. Prior 1Z3 Airmen may go through a modified TACP officer training pipeline that is approved by the TACP officer career field manager.

4. ***Specialty Shredouts:**

Suffix	*Portion of which AFS to Which Related*
A	Special Tactics
B	Tactical Air Control Party
C	Combat Rescue

LOGISTICS CAREER AREA (2XXX)

(Changed 31 Oct 2018)

Introduction

The Logistics Career Area encompasses program formulation, policy planning, coordination, inspection, command and direction, and supervision and technical responsibilities pertaining to aircraft maintenance, nuclear weapons, missile and munitions maintenance, transportation, supply, and logistics plans and programs utilization fields.

The Logistics Commander directs and monitors logistics programs including aircraft maintenance, nuclear weapons, missile, and munitions maintenance, supply, transportation, and procurement; and serves as senior staff advisor to Commanders.

The following is a complete listing of AFSCs for the Logistics Career Area.

AFSC 20C0

LOGISTICS COMMANDER

(Changed 31 Oct 18)

1. Specialty Summary. Directs and monitors logistics programs including aircraft maintenance, nuclear weapons, missile, and munitions maintenance, supply, transportation, and procurement; and serves as senior staff adviser to commanders. Understands or is familiar with financial management/working capital funds, supply chain management, depot maintenance/workload/sustainment, PPBES/programming, life cycle logistics, joint logistics planning, and nuclear enterprise logistics. Related DoD Occupational Group: 280100.

2. Duties and Responsibilities:

2.1. Directs and organizes logistics programs. Reviews logistics requirements for specific objectives and priorities of command mission. Directs preparation of plans for logistics support of tactical, strategic, and defense missions. Plans research projects to determine effectiveness of logistics support programs. Plans and establishes logistics policies and procedures; exercises staff supervision over logistics activities to assure logistics support of Air Force mission requirements. Provides for applied research in areas of technological development, recommending modification of existing equipment and outlining need for developing new equipment. Reviews operation operating budget requirements of logistics activities and directs consolidation of logistics budget. Reviews applicable stock fund operating programs, and where appropriate, directs their consolidation.

2.2. Monitors logistics activities. Analyzes logistics requirements and estimates capabilities of organization to accomplish assigned missions. Approves fund expenditures for supplies and equipment. Inspects operating condition of facilities and effectiveness of logistics activities to support logistics programs and ensure coordination between such activities. Evaluates logistics programs, establishes responsibilities, estimates trends, and projects requirements and capabilities of activities such as supply, maintenance, transportation, and procurement. Prepares technical publications on logistics methods, procedures, and policies. Directs operation of maintenance and supply organizations.

2.3. Coordinates logistics programs. Advises commanders on status of logistics programs and ability to meet current and projected requirements. Coordinates with civil engineering personnel, operations directors, and comptrollers in preparation of master command plan and in outlining areas of responsibility to avoid duplication of functions. Confers with commanders and staff on activities such as maintenance, supply, transportation, and procurement to establish and implement logistics programs, policies, and procedures. Coordinates with comptroller activities in projecting budget requirements and allocating funds to logistics programs. Maintains liaison with research and development activities, military services, and public and private agencies on logistics changes.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: supply, procurement, maintenance control, production management, and logistics planning.

3.2. Education. For entry into this specialty, a Masters in logistics management, engineering, operations management or business administration is desirable.

3.3. Training. Graduation from the Enterprise Logistics Course, LOG 420, is highly desirable before or once assigned to a 20C0 position. The Enterprise Logistics Course is taught at the AFIT School of Systems and Logistics, and prepares 21X O-5s and Series 346 GS-14/15s for strategic leadership positions at the O-6/GS-15 levels, with a major emphasis on enterprise-level logistics competencies. It will enhance students' critical thinking skills about challenges they'll face in multiple positions as senior logisticians. The course includes comprehensive analysis of topics such as: financial management/working capital funds, supply chain management, depot maintenance/workload/sustainment, PPBES/programming, life cycle logistics, joint logistics planning, nuclear enterprise logistics, and current issues impacting senior logisticians.

3.4. Experience. For award of AFSC 20C0, the following experience is mandatory:

3.4.1. Qualification in a staff officer specialty in one or more utilization fields in the Logistics Career Area.

3.4.1.1. For ANG officers only, qualification in Aircraft Maintenance or Munitions and Missile Maintenance utilization fields (21A3 or 21M3) is required for award of AFSC 20C0.

3.4.2. Experience formulating plans and policies for, and monitoring logistics programs, with emphasis on requirements determination; and operating procedures, systems, and policies requiring a factual understanding of all phases of logistics.

3.4.3. Successful completion of squadron command is highly desirable

3.5. Other. Not used.

LOGISTICS UTILIZATION FIELD (21XX)

Introduction
(Changed 31 Oct 18)

The Logistics utilization field encompasses all functions performed by logistics officers, including aircraft, missile, and munitions maintenance; supply; transportation; and logistics plans. Inherently included are program formulation, policy planning, coordination, inspection, command and direction, and supervision.

The Logistics Readiness specialty (AFSC 21RX) encompasses integration of logistics disciplines at the senior level for Deployment Distribution, Transportation and Supply Management. Responsibilities include directing integrated logistics processes; accomplishing joint logistics planning for warfighting support and sustainment with the Joint Staff, Unified Commands, other military services and agencies of the Office of the Secretary of Defense; and directing acquisition and wholesale logistics activities

The Aircraft Maintenance specialty (21AX) encompasses functions of production management, quality control, direction of aircraft maintenance, avionics, and aircraft and equipment readiness. Responsibilities include immediate supervisory and technical responsibilities for removing, installing, modifying, calibrating, repairing, and storing of aircraft and avionics equipment and components. Equipment and components include aircraft engines, airframes, accessories, instruments, and aerospace ground equipment; aircraft systems and equipment. Additionally, leading maintenance actions including, but not limited to, inspection, repair, overhaul, modification, preservation, refurbishment, troubleshooting, testing, analyzing condition and performance and maintenance documentation is a primary responsibility. Lastly, leadership of safety, quality, and timeliness in the performance of maintenance is paramount.

The Munitions and Missile Maintenance specialty (AFSC 21MX) encompasses nuclear weapons, conventional munitions, and missile maintenance, production management, quality control, and direction of maintenance activities. Responsibilities include immediate supervisory and technical responsibilities for technicians; assembling, installing, performing checkout, component replacement, modification, repair, testing, inspection, calibration, and systems analysis of equipment and weapon system components. Leadership of safety, quality, and timeliness in the performance of maintenance is paramount. Responsibilities may also include maintenance and management of nuclear, explosive, and incendiary munitions.

AFSC 21A4, Staff
AFSC 21A3, Qualified
AFSC 21A1, Entry

AIRCRAFT MAINTENANCE
(Changed 31 Oct 15, Effective 26 Feb 15)

1. Specialty Summary. Leads, trains, and equips personnel supporting aerospace equipment sustainment and operations. Manages maintenance and modification of aircraft and associated equipment. Administers aircraft maintenance programs and resources. Directs aircraft maintenance production, staff activity, and related materiel programs. Assesses unit capability and advises senior leadership. Related DoD Occupational Groups: 240400.

2. Duties and Responsibilities:
2.1. Directs aircraft maintenance mission generation and repair network activities. Maintains workforce discipline and responds to personnel issues while balancing workforce availability and skill levels with operational requirements. Works with functional managers to develop, formulate, and manage fiscal resources. Instills maintenance discipline, security awareness and force protection concepts. Ensures accuracy of documentation, i.e. aircraft forms and automated systems. Ensures adherence to technical data, policy, procedures, and safe maintenance practices.
2.2. Develops, coordinates, and executes flying and maintenance schedules. Manages aircraft configuration; daily aircraft servicing, weapons loading, launch, recovery, and repair; periodic aircraft maintenance inspections; and flightline safety and foreign object damage (FOD) prevention and dropped object programs (DOP). Manages overall aircraft fleet health and ensures aircraft availability to execute mission requirements. Analyzes aircraft maintenance indicators to identify trends and initiates corrective actions.
2.3. Directs maintenance activities that may include aircraft propulsion, pneudraulics, egress, fuel systems, electro-environmental, Precision Measurement Equipment Laboratory (PMEL) and avionics systems. Also may include management of aerospace ground equipment, structural repair, low-observable repair, corrosion control, machine, welding, inspection, aero-repair, crash, damaged, disabled aircraft recovery, non-destructive inspection, and off-equipment munitions and armament suspension equipment.
2.4. Manages quality assurance, maintenance training, budget and resource management, analysis, facilities, shared resources to include end-of-runway and weapons load training. Manages plans and programs, modifications, and modernizations requirements.
2.5. Formulates maintenance plans and policies to meet unit tasking. Assesses unit maintenance capability in support of combat related operational plans and provides inputs for capability assessments for each plan. Defines aircraft maintenance procedures and requirements in response to emergency or contingency situations.
2.6. Coordinates core logistics requirements supporting aircraft maintenance operations. Establishes support requirements for supply requisition, repair cycle, delivery, combat support, ground and aerial port transportation, base support plans, and munitions requirements.
2.7. Directs and manages wholesale logistics life cycle sustainment support. Coordinates production schedules to include induction and selling systems. Defines technical problems and economic factors related to research and development, and system operational data to evaluate programs, assess trends, and identify improvements and deficiencies. Manages weapons system programs, funding of depot maintenance workloads, and transportation distribution systems. Manages logistics tests and evaluation on new acquisition programs and aircraft modifications.

3. Specialty Qualifications:
3.1. Knowledge. The following knowledge is mandatory for award of the AFSC: maintenance and personnel management procedures, and organizational and mission requirements; capabilities, limitations, and basic operating principles of aircraft systems and components; theory of flight and airframe construction; life cycle sustainment, quality assurance; supply, transportation, logistics plans, contracting, flying operations, munitions, and other unit operations related to aircraft maintenance units.
3.2. Education. For entry education requirements see Appendix A, 21A CIP Education Matrix.
3.3. Training. For award of the 21A3, completion of a formal AETC entry-level training course; minimum of 24 months assigned to a 21A position (Group Commanders may extend this requirement) and completion of the education and training requirements specified in the Aircraft Maintenance Officer Training Task List.
3.4. Experience. For award of AFSC 21A3, a minimum of 24 months of experience managing aircraft maintenance activities is mandatory.
3.5. Other. Not used.

AFSC 21M4*, Staff
AFSC 21M3*, Qualified
AFSC 21M1*, Entry

MUNITIONS AND MISSILE MAINTENANCE
(Changed 31 Oct 18)

1. Specialty Summary. Manages maintenance and modification of conventional munitions, nuclear weapons, intercontinental ballistic missiles (ICBM), and associated equipment. Administers weapons programs and resources. Directs nuclear weapons and conventional munitions accountability, storage, and maintenance production, staff activities, and related material programs. Manages missile maintenance activities at launch/missile alert facilities and launch control centers, including maintenance, repair, and inspection of missile systems, nuclear certified support vehicles and equipment, and other associated support equipment (SE). Serves as munitions and missile maintenance staff advisor to commanders. Related DoD Occupational Groups: 240500.

2. Duties and Responsibilities:
2.1. Formulates maintenance procedures for all munitions and missile systems. Builds integrated logistics support plans and develops maintenance support structures to sustain maintenance and personnel. Manages storage and distribution of Air Force munitions. Establishes training requirements and support standards of operational systems. Identifies and upgrades system deficiencies to meet mission requirements and enhance safety.
2.2. Assesses operational requirements and environment. Advises commanders on risks associated with conventional munitions, nuclear weapons, and missile operations. Evaluates explosives and nuclear safety criteria and develops explosives site plans for storage, movement, and operations of conventional munitions, nuclear weapons, and missiles. Conducts conventional munitions, nuclear weapons, and missile safety training.
2.3. Manages conventional munitions, nuclear weapons, and missile maintenance production. Recommends procedural and technical improvements and modifications. Schedules resources to ensure required readiness. Enforces technical performance standards, and ensures assigned work force is properly trained and equipped. Assesses unit capability and advises commanders, supervisors, and staff. Budgets and allocates resources. Coordinates with operational and support units to ensure equipment readiness and efficiency of assigned forces.
2.4. Formulates maintenance plans. Plans and programs support requirements, modifications, and modernization. Defines technical problems and economic factors related to research and development, and system application. Reviews maintenance and operational data to evaluate programs, assess trends, and identify improvements and deficiencies.
2.5. Plans and directs munitions support for in-place and Air Expeditionary Force operations.
2.6. Plans and organizes munitions and missile maintenance activities; provides space, tools, test equipment, and spare parts; establishes workflow. Develops and improves methods and procedures for assembly, checkout, calibration, and analysis of aerospace systems. Establishes performance standards for system assembly, checkout, and component replacement.
2.7. Manages and coordinates activities to support intercontinental ballistic missile (ICBM) launch readiness operations. Advises commander on operational status of ICBM assets. Maintains liaison with manufacturers' representatives to solve maintenance and performance problems. Coordinates lateral logistics activities to ensure supply, transportation, and funding are integrated to support mission requirements. Represents logistics in development of flight procedures, mission checklists, and mission flight rules.
2.8. Writes munitions, nuclear weapon, and missile maintenance annexes to logistics plans. Provides weapon system data for operational and logistics support analysis. Monitors and evaluates contracted logistics and maintenance support activities.
2.9. Develops procedures for storing, assembling, delivering, inventory management, and testing conventional munitions, nuclear weapons, and missiles.
2.10. Develops procedures for, and manages, routine disposal of common US munitions.
2.11. Develops munitions accountability programs. Understands and manages all aspects of the Air Force munitions accountability system, including systems and procedures for financial accountability and auditability of assets.

3. Specialty Qualifications:
3.1. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:
3.1.1. 21M3A. Maintenance management procedures and organizational and mission requirements; capabilities, limitations, and basic weapons, weapons procedures, and quality assurance; supply, transportation, civil engineer, and other unit operations related to munitions, missile, or aircraft maintenance units; conventional air-to-air missiles; air-to-ground weapons including guided, rocket-boosted, and unguided munitions; dispensers and submunitions; suspension and release equipment; fuses; wiring harnesses; loading procedures; safety tests; munitions (ground) handling equipment; maintenance management; production control and maintenance data collection procedures; and lateral logistics functions related to munitions maintenance.

3.1.2. 21M3I. Missile and re-entry systems; suspension and release equipment; weapon employment; nuclear surety; joint nuclear procedures; related test, handling, and support equipment; evolution of missiles; missile operations; solid and liquid rocket performance, maintenance capabilities, limitations, and employment of missile equipment; and ICBM life cycle logistics.
3.1.3. 21M3N. Nuclear weapons and warheads; nuclear armament systems; suspension and release equipment; nuclear weapons employment; Munitions Accountable Systems Officer responsibilities; nuclear weapons maintenance, life cycle management, and inspections; nuclear surety; nuclear theory, effects, and components; nuclear weapons storage; nuclear weapons movement; nuclear weapons physical security; nuclear weapons transportation; nuclear weapons maintenance documentation, records and reports; and joint nuclear procedures.
3.2. Education. For entry education requirements see Appendix A, 21M CIP Education Matrix.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 21M1. Completion of the Munitions and Missile Maintenance Officer Fundamentals Course is mandatory and a prerequisite for attending specialty shredout courses.
3.3.2. 21M1A. Completion of Conventional Munitions Officer Course.
3.3.3. 21M1I. Completion of ICBM Maintenance Officer Course.
3.3.4. 21M1N. Completion of Nuclear Maintenance Officer Course.
3.4. Experience. The following experience is mandatory for award of the AFSC specialty shredout indicated:
3.4.1. 21M3A. A minimum of 24 months experience managing conventional munitions maintenance activities and completion of Career Field Education and Training Plan requirements are mandatory. Completion of the Combat Ammunition Planning and Production 9CAPP) course is required.
3.4.2. 21M3I. A minimum of 24 months experience managing ICBM maintenance activities and completion of Career Field Education and Training Plan requirements are mandatory.
3.4.3. 21M3N. A minimum of 24 months experience managing nuclear weapons maintenance activities and completion of Career Field Education and Training Plan requirements are mandatory. Completion of the Nuclear Accountability Course is required within 24 months of assignment.
3.5. Other.
3.5.1. For entry into this specialty (ANG and AFRC officers exempt), accessions must be screened for eligibility and meet requirements of the Personnel Reliability Program (PRP) as outlined in the HQ AETC PRP prescreening guidance.
3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 21MXX, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Conventional
I	ICBM
N	Nuclear

AFSC 21R4, Staff
AFSC 21R3, Qualified
AFSC 21R1, Entry

LOGISTICS READINESS
(Changed 30 Apr 18)

1. Specialty Summary. Integrates the spectrum of the logistics readiness processes within the operational, acquisition, and wholesale environments. The major logistics competencies and proficiencies including the competencies of Deployment, Distribution and Transportation, Supply Management, and proficiencies of Fuels Management, Transportation (Air or Ground), Vehicle Management, Life Cycle Logistics, and Logistics Plans. Related DoD Occupational Group: 280100.

2. Duties and Responsibilities:
2.1. **Supply.** Directs materiel management operations to include direction and management of retail or wholesale supply activities. Included are environmental compliance and inventory management. Determines, computes, and analyzes current and projected materiel requirements; applies authorizations and allowances; establishes and maintains non-demand based stock levels; manages asset positioning; inspects, reviews, and evaluates work methods and procedures. Ensures accountability is maintained for supplies, equipment, Nuclear Weapons Related Materiel (NWRM), War Reserve Materiel (WRM) and Mechanized Materiel Handling Systems (MMHS). Determines effectiveness of functional data systems. Manages assigned information systems and applies approved standards and criteria to ensure proper implementation, operation, and results. Develops plans, programs, policies and procedures to manage 8 materiel management activities, including analysis, determination and computation of requirements, asset serviceability and shelf life management, plans for mission changes facility requirements, equipment allowances, and materiel accounting. Executes working capital fund and determines budget requirements. Provides guidance on handling of readiness materiel stocks, including location, type of storage, protection, security, and quality control.
2.2.1. **Supply Chain.** The DoD supply chain is a global network that provides materiel, services, and equipment to the joint force. The fundamental goal of the supply chain is to understand the requirements, maximize force readiness and optimize the allocation of joint resources. The functional capabilities that contribute to the DoD supply chain include management of supplies and equipment, inventory management, repair chain, management of global supplier networks, and assessment of global requirements, resources, capabilities, asset disposal and risks. The DoD's supply chain responsiveness and reliability affects the readiness and capabilities of US military forces and is critical to the overall success of joint operations.
2.1.2. **Supply Chain Management.** Supply chain management involves identification and coordination of requirements, planning and synchronizing joint supply activities throughout DoD, and managing key global suppliers to support Combatant Commander requirements. Critical elements of supply chain management include understanding and prioritizing requirements; visibility of forces as they maneuver, identifying mission-essential weapon systems and equipment; visibility of materiel moving through the distribution pipeline; ability to accurately forecast demands for sustainment; and prioritization of supply tasks in the area of responsibility (AOR). Operational planners can work with logistics planners to optimize supply chain operations and identify requirements to providers. Planners identify mission priorities, assess risks, and plan for the protection of the supply chain in the operational theater. Additional responsibilities include planning for secure storage and disposition of hazardous materials, planning to retrograde material and equipment, and establishing Joint Logistics Enterprise visibility of materiel requirements.
2.1.3. **Supply Chain Areas.** Joint logisticians must integrate all three areas of the DoD supply chain: managing supplies and equipment, managing inventory, and managing global supplier networks to provide responsive supply operations
2.2. **Vehicle Management.** Directs vehicle management operations to include coordination of vehicle and equipment requirements, allocations, priorities, and warranty repairs. Evaluates quality of operator care and maintenance. Determines operational requirements and specifications including reliability, maintainability, and standardization for facilities, vehicles and materiel handling equipment. Develops policies and procedures for the administration of vehicle accidents and abuse programs. Collects and analyzes data on vehicle operations and maintenance. Manages compliance with Air Force energy objectives for leased and Air Force owned ground vehicles.

2.3. **Fuels.** Directs fuels operations including environmental compliance and inventory management of ground fuel, aviation fuel and cryogenics. Determines petroleum provisions, computes and analyzes current and projected petroleum and cryogenic requirements; computes, establishes and maintains stock levels to meet peacetime and wartime requirements; manages fuel received from pipeline, tank trucks, rail cars, and marine vessels. Manages fuel dispensing systems, fuel storage facilities, cryogenic storage and production, and sample and test fuel samples. Develops and plans procedures to manage fuel activities including system design, plans for mission changes, facility requirements, equipment allowance, required reporting and accounting. Interprets fuels directives. Inspect, reviews and evaluates work methods and procedures. Resolves problems related to commander, staff and operating units on peacetime, wartime and contingency fuels support. Coordinates with elements of DoD and other governmental organizations to assure support to customers.
2.4. **Life Cycle Logistics.** Directs acquisition/life cycle logistics activities. Plans for and manages systems, subsystems, and equipment throughout their life cycle, including integrated logistics support activities and modernization/obsolescence planning. Develops, initiates, integrates, and manages all logistics actions associated with life cycle management of weapon systems, subsystems, and equipment. Serves as logistics focal point throughout the system's life cycle. Formulates logistics requirements for weapon systems.
2.5. **Transportation.** Directs Transportation operations to include managing cargo distribution functions including receiving, inspecting, tracing, tracking, packaging, and shipping of supplies, NWRM, equipment, and war readiness spares. Responsible for logistics pipeline management and time-sensitive delivery of materiel in support of peacetime, contingency, and wartime operations. Maintains in-transit visibility for shipments of personal property, passengers, supplies and equipment.
2.5.1. **Ground Transportation.** Responsible for the safe and efficient transportation of personnel and cargo within and between installations in support of daily and contingency operations. Resolves problems related to shipment staging, safety, and fire hazards. Manages shipment storage space utilization and develops and maintains a shipment storage facility and mechanized material handling equipment modernization program to include maintenance, future upgrades, and working stock requirements. Determines readiness requirements, including emergency supply support plans, tactical and strategic movement of personnel, materiel, and units. Schedules and coordinates movement of cargo, personnel, and personal property by commercial or military modes using systems that interface with defense total asset visibility systems. Uses In-Transit Visibility (ITV) systems. Coordinates with elements of DoD and other governmental organizations to assure support to customers. Ensures proper allocation and effective use of transportation resources. Establishes and administers an effective packaging and preservation program. Evaluates movement forecasts and flow of personnel and cargo into the transportation system, movement capabilities, and efficiency of modes used.
2.5.2. **Air Transportation.** Directs aerial port operations including management of fixed and mobile air terminals through various sub-processes to include: Fleet Services, Aerial Delivery, Passenger Terminals, Freight, and Air Terminal Operations. Coordinates transportation support requirements and capabilities with other agencies using DoD and USAF logistics, transportation, and ITV systems. Evaluates movement forecasts and flow of personnel and cargo into the most efficient mode of the Defense Transportation System.
2.6. **Logistics Plans.** Directs peacetime, contingency, and wartime logistics planning operations including deployment command and control, Logistics Readiness Centers, Combat Support Center activities, deployment, bed-down, and redeployment activities. Integrates Combat Support planning efforts, conducts readiness assessment of logistics activities, conducts contingency planning, base support and expeditionary site planning, WRM management, support agreement management, Acquisition Cross-Servicing Agreements, manages logistics Time-phased Force Deployment Data and Unit Type Codes. Enables international theater security cooperation and interoperability, operating in coalition or Joint environments often working with contractors, host-nations.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of the following core competencies: Deployment, Distribution and Transportation, Supply Management.. A Logistics Readiness Officer must have a well-developed knowledge of the core competencies and a well-grounded understanding of the five proficiencies.
3.2. Education. For entry education requirements see Appendix A, 21R CIP EducationMatrix.
3.3. Training and Experience. For award of AFSC 21R3, an officer will complete the LRO Orientation Program described in Part II, Section D prior to attending the LRO Basic Course, 48 months experience in at least three (No less than 12 months in each) of the five proficiencies (Supply, Transportation (Ground or Air), Vehicle Management, Logistics Plans, and Fuels); and completed requirements for both Competencies (Supply Management and Deployment, Distribution and Transportation). Prior enlisted experience will be considered for qualification. In order to qualify with prior-enlisted experience, individuals must have attained a 5-level in supply (2SXXX), fuels (2FXXX), logistics plans (2GXXX), or transportation (2TXXX). Furthermore, the officer's prior enlisted rank must be commensurate to a Non-Commissioned Officer (NCO).

NOTE: Air Reserve Component members may extend this requirement to 72 months to accommodate availability constraints**.**

SUPPORT CAREER AREA (3XXX)

Introduction

The Support Career Area encompasses program formulation, policy planning, coordination, inspection, command and direction, and supervision and technical responsibilities pertaining to force protection; civil engineering and disaster preparedness; communications - information systems and visual information; morale, welfare, recreation, and services; public affairs and band; mission support, manpower-personnel, and information management.

The Support Commander coordinates and directs the efforts and resources of Support units to meet mission and installation needs and objectives. The Communications Commander commands and directs Communications Groups.

AFSC 30C0

SUPPORT COMMANDER

1. Specialty Summary. Commands Support Group. Directs and monitors support activities and units. Ensures cohesive integration of functions and resources in force protection; civil engineering (CE); communications - computer; morale, welfare, recreation, and services (MWRS); public affairs; personnel; information management; and manpower to support installation, Wing, and mission needs. Related DoD Occupational Group: 270300.

2. Duties and Responsibilities:

2.1. Directs support units. Determines requirements of assigned units by analyzing mission and interpreting directives, orders, and regulations. Formulates plans and establishes policies and procedures for activities such as personnel, administration, training, facility use, recreational services, open mess operations, engineering and construction, food services, billeting supply, small arms firing, youth programs, force protection, and communications. Directs implementation of programs for activities such as flying safety, reserve training, disaster preparedness, force protection, sanitation, utility service, crash rescue, fire protection, proficiency flying, host-tenant agreement, labor negotiations, and equal employment opportunity. Directs studies and surveys to determine perceptions of personnel, and implements plans to resolve problems and eliminate conditions contributing to low morale. Ensures availability of religious, legal education, photo, graphics, and audiovisual services. Selects and assigns commanders of specialized squadrons such as security forces, combat support and civil engineering. Convenes summary courts and approves special courts-martial and discharge actions for all installation personnel.

2.2. Monitors support activities. Reviews inspection reports to determine status of activities such as military and civilian personnel, labor relations, and materiel. Inspects assigned units and organizations, including base exchange outlets and commissaries, to ensure compliance with directives and procedures. Inspects and evaluates program effectiveness for housing, welfare, education, force protection, weapons storage, and dormitories.

2.3. Coordinates support activities. Conduct staff meetings and converses and appoints boards, councils, and committees to assist in managing assigned activities. Ensures effective interface of assigned units with those of other functional areas to optimize support and accomplish primary mission. Coordinates with civic organizations to develop an effective community relations program.

3. Specialty Qualifications:

3.1. Knowledge. For award and retention of this AFSC, knowledge is mandatory of: Air Force management concepts and objectives, and their relationship to mission accomplishment; concepts and directives governing the administration of military justice; principles of military administration; personnel management; resource management; force protection; MWRS; communications - computers and visual information; public affairs; and manpower.

3.2. Education. For entry into this specialty, a Master's degree in management, or business administration with a major in management is desirable.

3.3. Training. Not used.

3.4. Experience. For award of this AFSC, experience is mandatory in overall direction and responsibility for activities within the area of personnel; CE; security forces; administration; logistics; MWRS; communications - computers; visual information; public affairs; or manpower.

3.5. Other. Not used.

SECURITY FORCES UTILIZATION FIELD (31PX)

Introduction
(Changed 30 Apr 19)

The Security Forces (SF) Officer Career Area leads, manages, and directs personnel executing the security forces missions. SF duties may require the use of force, including deadly force. SF leaders ensure combat capability through the functions of installation, nuclear and conventional weapon systems, and resources security; force protection; integrated defense; installation access control; law and order, military police services; personnel security; mission assurance; military working dog activities; and combat arms. Security Forces heavily conducts contingency operations. Personnel in this career area may be deployed and employed in sensitive or hostile environments created by terrorism, sabotage, nuclear, chemical, biological, and conventional warfare.

This career area does not have primary responsibility for operations, computer, information, industrial or communications security; nor vehicle traffic engineering or safety. Responsibility for these functions is included in other career areas.

AFSC 31P4, Staff
AFSC 31P3, Qualified
AFSC 31P1, Entry

★SECURITY FORCES
(Changed 31 Oct 20)

1. Specialty Summary. Leads, manages, and directs security forces (SF) activities. Included are installation, weapon system, and resource security; antiterrorism; force protection; law and order, investigations; installation access control; military working dog functions; integrated defense; armament and equipment; training pass and registration; and combat arms. SF duties may require use of deadly force. Related DoD Occupational Group: 270800.

2. Duties and Responsibilities:
2.1. Leads, manages, and directs SF personnel. Protects nuclear and conventional weapons systems and other resources. Plans, leads, and directs SF deployments. Directs integrated defense functions including control and security of terrain inside and immediately adjacent to military installations, and defense of personnel, equipment and resources. Leads and directs individual and team patrol movements, tactical drills, battle procedures, convoys, military operations other than war, antiterrorism duties, and other special duties. Directs employment and operation of communications equipment, vehicles, intrusion detection equipment, crew served-weapons, and other special purpose equipment.
2.2. Leads and organizes SF operations. Enforces standards of conduct, discipline, and adherence to laws and directives. Oversees police services, security, military working dog, combat arms, and confinement operations. Carries out SF incident command function. Oversees and evaluates unit performance. Manages the Integrated Defense Risk Management Process (IDRMP).
2.3. Develops SF plans, policies, procedures, and instructions. Assesses installation or deployed location vulnerabilities. Establishes programs, plans, and policies to protect Air Force combat capabilities. Formulates standards and policies to implement DoD, Air Force, and higher headquarters programs and policies. Programs and budgets actions for initial acquisition, modification, and replacement of SF facilities, vehicles, equipment, and other resources. Develops and manages force protection and antiterrorism programs and training. Complies with all AF Incident Management System (AFIMS) requirements.
2.4. Leads and manages SF activities. Serves on boards and planning groups involving security, force protection, police services, and antiterrorism matters. Coordinates SF functions and matters with other unit, military services, and civilian agencies. Monitors and directs programs to ensure cost effective mix of security forces personnel and equipment. Initiates and monitors research and development programs to assist in design and acquisition of equipment.

3. ★Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: Air Force SF programs and management functions, such as installation security measures; security concepts for nuclear and conventional weapon systems and resources; integrated defense, vulnerability assessment and mitigation; police services including law enforcement, traffic management, confrontation management, investigations, and military working dog utilization; programming and budgeting procedures; information security concepts; principles of deployment, operational capabilities, limitations, and vulnerabilities; basic security equipment capabilities; combat arms training and maintenance; employment and operator maintenance of assigned weapons, and IDRMP.
3.2. Education. For entry education requirements see Appendix A, 31P CIP Education Matrix.
3.3. Training. For award of AFSC 31P3, completion of the SF Officer Course is mandatory. **EXCEPTION:** FGOs cross training into the career field will attend the Security Forces Intermediate and Advanced Courses for awarding of the 31P3 AFSC.
3.4. Experience. For award of AFSC 31P3, a minimum of 24 months of experience is mandatory in an SF officer billet.
3.5. Other.
3.5.1. For entry into this specialty, accessions must be screened for eligibility and meet the following requirements:
3.5.1.1. ★ Normal color vision, as defined by getting a 75 or better on the Cone Contrast Test (CCT), 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.) Waivers may be approved on a case by case basis by the Career Field Manager.
3.5.1.2. 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.
3.5.1.3. 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.
3.5.1.4. No more than one active wage garnishment for delinquency.
3.5.1.5. No more than two delinquent charge off/collection (>= 30 days) payments within last two years.
3.5.1.6. 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.
3.5.1.7. No record of sleep disorders to include, but not limited to, sleep apnea, insomnia, hypersomnia, narcolepsy, or restless leg syndrome.
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. No history of any of the Bipolar and Related Disorders, Depressive Disorders, or Anxiety Disorders.

3.5.2. For entry, award and retention of this AFSC, the following are mandatory:
3.5.2.1. No recorded evidence of personality disorder that negatively affects duty performance.
3.5.2.1.1. Must not have a sustained or untreatable emotional instability to include depression or suicidal ideations.
3.5.2.1.2. Must not have a record of suicidal attempts, gestures, threats or history of self-mutilation.
3.5.2.2. Distance visual acuity correctable to 20/20 in one eye and 20/30 in the other.
3.5.3.3. Qualification for arming, suitability to arm, or suitability under the Personnel Reliability Assurance Program IAW AFI 31-117, *Arming and Use of Force by Air Force Personnel*.
3.5.2.4. Never been convicted by a general, special, or summary courts-martial.
3.5.2.5. 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*.
3.5.2.6. Never been diagnosed with a severe substance use disorder by a certified medical provider.
3.5.2.7. Never received non-judicial punishment for acts of larceny, wrongful appropriation, robbery, burglary, housebreaking, misconduct in combat as defined in UCMJ articles 99-106, or any act that harms or has the potential to harm the physical safety or well-being of animals to include Military Working Dogs.
3.5.2.8. Never have been convicted by a civilian court of a Category 1 or 2 offense. Conviction of Category 3 offenses are not acceptable for entry into the AFSC. After award of the AFSC, conviction of Category 3 offenses are grounds for withdrawal of the AFSC if deemed appropriate by the commander. Category 4 traffic offenses alone are not disqualifying. Offenses are described and listed in AFI 36-2002, *Regular Air Force and Special Category Accessions*, Uniform Guide List of Typical Offenses.
3.5.2.9. No speech disorder or noticeable communication deficiency as defined in AFI 48-123.
3.5.2.10. Must possess a valid state driver's license to operate government motor vehicles IAW AFI 24-301, *Vehicle Operations*.
3.5.2.11. No diagnosed fear of heights or confined spaces.
3.5.2.12. No documented record of gang affiliation.
3.5.2.13. No fear working around nuclear weapons or components, nor have an identifiable negative opinion of the role of nuclear weapons in our nation's strategic deterrent mission.
3.5.2.14. 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. Exclude 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.
3.5.2.15. 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.
3.5.3. 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 31PX, completion of a current T3 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

CIVIL ENGINEER UTILIZATION FIELD (32EX)

Introduction
(Changed 31 Oct 10)

The Civil Engineer (CE) Career Area provides combat engineering support for deployed Air Force and joint units and weapons systems, emergency repair of war damage to air bases, base denial activities, and other related combat support functions; develops, monitors, and briefs survivability actions and methods to recover capabilities after attack; and organizes, trains, and equips contingency forces for nuclear, biological, chemical, and conventional attack operations and other emergency situations. The career field also encompasses activities relating to acquisition, maintenance, asset management, operation, and disposal of real property facilities, and includes planning, program formulation and execution, policy development, inspection, command, and direction of CE activities. Included are supervisory, operational, and engineering responsibilities for construction, maintenance, and repair of Air Force real property; operation of utility systems; fire prevention, protection, and aircraft crash rescue; disaster preparedness; explosive ordnance disposal. Functions involving planning and programming for maintenance, repair, and construction requirements; design and preparing plans and specifications for contracts, contract inspection, budgetary development and planning; establishing standards, requirements, and funds management for personnel, supplies, and equipment; environmental protection and base procedures for construction and maintenance of environmental improvements; planning, budgeting, construction, maintenance, and management of military family housing; acquisition, utilization, and disposal of real estate under Air Force jurisdiction; and training and use of CE professional and technical personnel.

Officers performing civil engineering functions not requiring a specific engineering discipline are identified by AFSC 32E3G/1G. Readiness non-engineer positions and personnel are identified by AFSC 32E3D/1D; Readiness engineer positions and personnel are identified by AFSC 32E3B/1B. Non-engineer EOD positions and personnel are identified by AFSC 32E3K/1K. Engineer EOD positions and personnel are identified by AFSC 32E3H/1H. For award of a shredout other than B, D, H, K or G, the mandatory degree must be in the academic area specified by the shredout.

Civil engineer officers will be upgraded based on 2 years of duty in CE regardless of shredout, except suffixes D and K. Upgrading will be in the shredout relating to their academic discipline or suffix G - General Engineer, dependent upon duty position. Officers whose academic area is not compatible with suffixes A, C, E, F, I or J will be upgraded in suffix G only.

Officers of all shredouts may be assigned to positions requiring suffix G.

AFSC 32E4, Staff
AFSC 32E3*, Qualified
AFSC 32E1*, Entry

CIVIL ENGINEER
(Changed 30 Apr 19)

1. Specialty Summary. Develops and implements civil engineer (CE) force employment, and provides staff supervision and technical advice. Performs and manages CE functions and activities to provide facilities and infrastructure supporting the United States and allies. Activities include programming, budgeting, project management, drafting, surveying, planning, feasibility studies, construction management, utilities operations, energy and environmental programs, land management, real property accounting, fire protection, explosive ordnance disposal (EOD), disaster preparedness (DP) programs, family housing and dorm management, and mobilization programs at base level. Serves on response teams and related installation support services. Advises commanders and government officials on effective use of CE resources. Related DoD Occupational Group: 240100.

2. Duties and Responsibilities:
2.1. Supports combat operations and activities. Maintains trained and equipped forces capable of responding to worldwide contingencies and military operations other than war. Evaluates capabilities and develops contingency methodologies to accomplish mission objectives. Maintains emergency response force to cope with enemy attacks, major accidents, and natural disasters. Plans, develops, and executes procedures to mitigate the effects, render safe, and dispose of conventional, nuclear, chemical biological ordnance and improvised explosive devices. Provides on-scene advice to commander on control and integration of emergency response force. Develops, monitors, and briefs survivability actions and methods to recover capabilities after attack. Organizes, trains, and equips contingency forces for conventional and nuclear, biological, and chemical attack operations, and other emergency situations. Acts as weapons recovery cell director as a member of the response task force for nuclear accidents.
2.2. Determines requirements, establishes plans, provides designs, and directs operations, maintenance, repair, alteration, addition, and construction of facilities and utility systems. Determines personnel and material resource requirements. Plans and establishes land use, and provides environmental stewardship. Directs CE forces in support of customers' requirements, and coordinates activities with subordinate and lateral units and functions. Determines proper use of facilities and effective employment of utility systems. Acts as technical representative and engineering consultant for operations and maintenance activities. Coordinates activities with local, state, federal, and host country agencies.
2.3. Develops CE plans and policies. Evaluates impact of legislative action, executive orders, directives, and management decisions. Consults with manpower, organization, and personnel staffs to ensure appropriate use of CE personnel. Coordinates with staff agencies on fiscal and legal matters. Directs training, business practices, and professional development activities. Serves as CE advisor to commanders. Implements standardization and evaluation, and monitors compliance of programs and policies. Directs and conducts engineering research and feasibility studies and surveys.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: contingency engineering, contingency base operations, EOD, and survivability skills, including force bed-down, expedient damage repair, and recovery after attack: methods, sources, and techniques of engineering design, construction, maintenance, operation, and repair of facilities and utility systems; resource acquisition and management; asset management; military facilities programming and planning; environmental stewardship; housing management; management of real property; fire prevention, protection, and aircraft crash rescue procedures; engineering research and development; and formulation, coordination, and administration of plans and programs.
3.2. Education. The following education is required for entry into AFSCs 32E1X as indicated:
3.2.1. For entry education requirements see Appendix A, 32E CIP Education Matrix.
3.2.2. 32E1G. Prior qualification in AFSC 1916/32E4 or 1944/32E3D, 12 months of base level experience, and being in a DP or Air Base Operability (ABO) position on 31 Oct 93, or prior qualification in AFSC 4016/21A4 or 4024B/21A3K, 12 months of base level experience, and being in an EOD position on 30 Apr 94, may be substituted for an engineering degree.
NOTE: There is no intent to classify non-engineers into AFSC 32E1D or 32E1K. All classifications for Readiness after 31 October 1993 and for EOD after 30 April 1994 will be in AFSC 32E1B or 32E1H respectively, and will require an engineering degree.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 32E3A/B/C/E/F/G/H/I/J. Completion of Air Force Institute of Technology (AFIT) course WMGT 101, *Air Force Civil Engineer Basic Course*.
***NOTE*:** For Air Reserve Component officers, AFIT courses WMGT 102, *Introduction to the Base Civil Engineer Organization for Reserve Forces Course*, and WMGT 484, *Reserve Forces Air Base Combat Engineering Course*, may be substituted for AFIT course WMGT 101.
3.3.2. 32E3H. Completion of the initial skills training course for EOD. (Navy School EOD [NAVSCOLEOD]).
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 32E3A/B/C/E/F/G/H/I/J. A minimum of 12 months of experience in the specialty shredout.
3.4.2. 32E3D. Must have previously held AFSC 1944/1916, and have served at least 12 months at base level, and be filling a Disaster Preparedness/ABO position on 31 October 1993.

3.5. Other. The following are mandatory requirements of AFSCs 32E3H and 32EXK as indicated:
3.5.1. For entry into this specialty (prior to being given a class slot at NAVSCOLEOD):
3.5.1.1. Passing color vision, as defined by correctly identifying at least 10 of 14 Ishihara Plates.
3.5.1.2. Minimum height of 5'2". Maximum height 6'8".
3.5.1.3. No record of Claustrophobia (fear of confined spaces).
3.5.1.4. Candidate must have a valid, passing Air Force Physical Fitness score dated no more than 6 months prior to Navy EOD School class start date.
3.5.2. For entry, award, and retention of AFSCs 32EXH and 32EXK:
3.5.2.1. No record of emotional instability.
3.5.3. Certification and recommendation by the nearest EOD-Qualified Officer to the home-station unit commander (or equivalent) for consideration and adjudication of 32E Development Team and/or CFM to become an EOD candidate.
3.5.4. 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 States Secret Service / Department of State Support
NOTE: Award of the 32E1H 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*
A	Architect/Architectural Engineer
B	Readiness Engineer
C	Civil Engineer
D	Readiness (Non-Engineer)
E	Electrical Engineer
F	Mechanical Engineer
G	General Engineer
H	Explosive Ordnance Disposal Engineer
I	Industrial Engineer
J	Environmental Engineer
K	Explosive Ordnance Disposal (Non-Engineer)

PUBLIC AFFAIRS UTILIZATION FIELD (35XX)

Introduction

The Public Affairs Utilization Field encompasses functions of both the Public Affairs and Band specialties.

The Band specialty includes functions of program formulation, policy planning, inspection, command, and direction of band activities; supervisory and technical responsibilities for the procurement and training of personnel; band participation in military and quasi-military activities including parades, reviews, honor guards, and funerals; and training of and presentations by dance bands, radio and show bands, choral groups, and small instrumental ensembles made up of band personnel.

The Public Affairs specialty includes functions of policy planning, program formulating, operating, maintaining, monitoring, coordinating, and directing internal information, and media and community relations; supervisory and technical responsibility for collecting, organizing, and disseminating information to internal and public audiences; developing and preserving effective relations between the Air Force and the public; examining and appraising policies and programs of the Air Force; and advising commanders and staff officers on courses of action in terms of public interest. The following is a complete listing of AFSCs for the Public Affairs Utilization Field.

AFSC 35B4, Staff
AFSC 35B3, Qualified
AFSC 35B1, Entry

BAND
(Changed 30 Apr 14, Effective 19 Aug 13)

1. Specialty Summary. Leads, directs and manages Air Force band programs to render appropriate honor to our country and our Airmen; to enhance Airman morale; to advance international relationships by using music to bridge language and cultural differences; to strengthen public trust and support of the Air Force as a respected professional organization charged with responsibility for national security; to inspire patriotism and increase public understanding of the importance of the Air Force and the dedication of its Airmen; and to enhance Air Force recruiting efforts to sustain the all-volunteer force. Related DoD Occupational Group: 271400.

2. Duties and Responsibilities:
2.1. Leads Air Force bands. Organizes, trains and equips bands to communicate senior leader messages through participation in military and civilian events, to include ceremonies, parades, recruiting efforts, official social events, concerts and other public performances. Leads operations involving large performing groups by serving as a musical conductor.
2.2. Manages Air Force band activities. Plans, directs and monitors employment of performing groups and personnel. Establishes personnel and infrastructure requirements. Directs budget preparation, justification and execution. Oversees procurement, maintenance and use of band equipment, supplies, and facilities. Evaluates proficiency, training, career development, effectiveness and assignment of band personnel. Recruits and evaluates qualifications of potential band members and band officers.
2.3. Coordinates Air Force band activities. Advises senior leaders on capabilities, employment and limitations of bands and their use in achieving strategic effects based on senior leader objectives. Synergizes band plans and activities with Air Force public affairs offices in their area of responsibility.
2.4. Administers Air Force band operations. Directs scheduling of band units and personnel to meet senior leader objectives. Analyzes, monitors and conducts administrative programs ensuring operations and personnel adhere to public law, regulations, policies and directives. Liaises with personnel, manpower, comptroller, transportation and higher headquarters officials to facilitate the efficiency of band operations.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: organization, mission and capabilities of Air Force bands to meet senior leader requirements; publications and directives on training, administration, and operations of Air Force bands; personnel and administration management; knowledge of essential musical requirements for the performance of classical, jazz and popular music; musical conducting and rehearsal techniques; principles of music proficiency; music theory (written and aural); ranges, transpositions, and capabilities of all instruments authorized for Air Force bands; band music repertoire; both marching and concert band operations and performance; testing and evaluating procedures; copyright laws pertaining to live and recorded music performance; and joint expeditionary operating environments.
3.2. Education. For entry into this specialty, undergraduate academic specialization in music performance, music education, music industry, or related field is desirable.
3.3. Training. For award of AFSC 35B3, completion of the Defense Information School Public Affairs Qualification Course is mandatory for RegAF officers. N/A for Air National Guard band officers.
3.4. Experience. For award of AFSC 35B3, a minimum of 12 months of experience in the Air Force Band assignments is mandatory.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, certification by the Air Force Chief of Music.
3.5.2. Specialty requires routine access to Tier 3 (T3) information, systems or similar classified environments. For award and retention of AFSC 35BX, completion of a current T3 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.
3.5.3. For retention of this specialty, no record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for the following:
3.5.3.1. Failure to exercise sound leadership principles, especially with respect to morale or welfare of subordinates.
3.5.3.2. Engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*; or documented failures (LOA, LOR or Article 15).
3.5.3.3. Exhibiting a lack of integrity by failing to lead or take appropriate actions as needed.
3.5.3.4. A violation of Article 107, false official statements, Uniform Code of Military Justice (UCMJ).

AFSC 35P4, Staff
AFSC 35P3, Qualified
AFSC 35P1, Entry

PUBLIC AFFAIRS
(Changed 31 Oct 15, Effective 26 Feb 15)

1. Specialty Summary. Provides public affairs advice, trusted counsel, and support to commanders, other senior leaders, and unit personnel. Leverages communication capabilities through an integrated approach to advance commanders' mission priorities by researching, planning, resourcing, executing, and evaluating public affairs operations. Communicates timely, truthful, accurate, and credible information about Air Force activities to internal and external military and civilian domestic and international audiences, while maintaining due regard for security, accuracy, privacy, and propriety. Builds, maintains, and strengthens public trust and support for the Air Force. Provides leaders with communication tools to build, maintain, and strengthen Airman morale and readiness. Contributes to U.S. global influence and deterrence through information engagement. Related DoD Occupational Groups: 270700 and 270600.

2. Duties and Responsibilities:
2.1. Delivers candid and timely communication counsel and guidance to Air Force leaders on the communication and public perception implications of key decisions, policies, and operations and their potential impact on mission success. Participates in the development of plans and policies and monitors operations to assure consideration of such implications.
2.2. Researches, plans, executes, and assesses communication strategies and activities. Ensures all public affairs efforts adhere to applicable federal law, DOD principles governing the release of information, and Air Force policies. Advocates for and manages funds, manpower, training, and equipment to effectively execute public affairs operations to support the mission. Plans, directs, and leads public affairs deployments.
2.3. Ensures a free flow of releasable information to the news media. Establishes and maintains relationships with news media representatives, facilitates media access, prepares Air Force subject matter experts for media interviews, and evaluates media coverage. Supports DOD-approved entertainment industry, documentary, and publication requests.
2.4. Promotes public knowledge and understanding of Air Force missions, organizations, and capabilities. Fosters coordination, cooperation, and mutual appreciation between the Air Force, local communities, state and federal agencies, and DOD/interagency components. Evaluates requests for Air Force support to public events, and coordinates appropriate participation to achieve the commander's communication objectives. Manages environmental public affairs issues and events and ensures legal mandates for community involvement are met. Assists Air Force recruiting efforts. Advises on capabilities, employment, and limitations of Air Force bands and their use in achieving strategic effects based on the commander's priorities, initiatives, and intent.
2.5. Establishes the means to link Airmen and their leaders through a robust command information program. Advises about content, propriety, timing, and relative importance of information for internal release through all available means. Contributes to the morale, readiness, productivity, and retention typical of a well-informed force.
2.6. Plans for and manages visual information requirements and directs the centralized collection, management, and distribution of imagery for planning, operational, documentation, public affairs, and historical use. Plans for, directs, and leads Combat Camera Airmen in the visual documentation of exercises and combat, contingency, and peacetime operations.

3. Specialty Qualifications:
3.1. Knowledge is mandatory of: missions, roles, functions, organizational structures, relationships, operational planning objectives, policies, customs and courtesies, and history of the Air Force; oral, written, and visual communication concepts and principles; traditional and emerging methods and techniques of disseminating information; basic communication theory; legal and ethical considerations surrounding the practice of communication; communication research and analysis; and joint expeditionary operating environments.
3.2. Education. For entry education requirements see Appendix A, 35P CIP Education Matrix.
3.3. Training. For award of AFSC 35P3, completion of the Defense Information School Public Affairs Course is mandatory for active-duty officers. Reserve Component officers may satisfy this requirement by completion of the DINFOS PAQC Advanced Distributed Learning course although completion by the full in-residence course is preferred.
3.4. Experience. For award of AFSC 35P3, a minimum of 18 months of commissioned experience in public affairs assignments is mandatory.
3.5. Other. For entry into this specialty, prior enlisted service in any 3N0XX AFSC is desirable.
3.5.1. For entry and retention of AFSC 35PX, the following are mandatory:
3.5.1.2. A valid state driver's license to operate government motor vehicles in accordance with AFI 24-301, *Vehicle Operations*.
3.5.2. No record of disciplinary action (Letter of Reprimand [LOR] or Article 15) for:
3.5.2.1. Failure to exercise sound leadership principles, especially with respect to morale or welfare of subordinates; or
3.5.2.2. Engaging in an unprofessional or inappropriate relationship as defined in AFI 36-2909, *Professional and Unprofessional Relationships*; or documented failures (LOA, LOR or Article 15); or
3.5.2.3. Taking or failing to take action in situations, thereby exhibiting a lack of integrity; or
3.5.2.4. A violation of Article 107, false official statements, Uniform Code of Military Justice (UCMJ).
3.5.2.5. No convictions by a general, special or summary courts-martial.
3.5.2.6. No Unfavorable Information File.

3.5.2.7. Never been convicted by a civilian court of a Category 1, 2, or 3 offense, 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.
3.5.3. For retention of AFSC 35PX, the following are mandatory:
3.5.3.1. Specialty requires routine access to Tier 3 (T3) information, systems or similar classified environments. For award and retention of AFSC 35PX, completion of a current T3 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.
3.5.3.2. No recorded evidence of substance abuse, emotional instability, personality disorder, or other unresolved mental health problems.

FORCE SUPPORT OFFICER UTILIZATION FIELD (38XX)
(Changed 31 Oct 19)

Introduction

The Force Support Officer Utilization Field leads, manages and directs personnel executing combat support capabilities for the Air Force and joint mission in the core areas of Manpower, Personnel and Services Programs. Force Support leaders ensure combat support capability through the functions of Manpower and Organization, Force Development, Developing and Connecting Airman to the outside world, Feeding Operations, Lodgment of Forces, Fit-to-Fight programs, Regenerating Airman, Casualty and Mortuary, Infant to Teen Development, Building a Sense of Community, Airman and Family Reunification, Shaping and Balancing the Force, Alternative Resourcing, Personnel Readiness and Accountability.

Officers performing Force Support functions not requiring a specific discipline are identified by AFSC 38XX, AFSC 38FXA requires mandatory undergraduate degree requirements.

The Force Support Officer Utilization Field is an expeditionary career field. Officers in this field establish, train, equip, and maintain ready status specialized mobility teams that deploy to support wartime or other contingencies. Force Support Officers may be deployed and employed in sensitive or hostile environments created by terrorism, sabotage, nuclear, chemical, biological, and conventional warfare.

This field includes a variety of command opportunities.

Functions of APF contracting for services such as mortuary and disposition of excess or surplus APF property are excluded from this field. These functions are included in the Acquisition Contracting/Manufacturing Utilization Field. Feeding Operations functions do not include hospital food service activities.

AFSC 38F4, Staff
AFSC 38F3*, Qualified
AFSC 38F1*, Entry

FORCE SUPPORT
(Changed 31 Oct 19)

1. Specialty Summary. Define, develop, shape, sustain, and deliver mission-ready Airmen across the Total Force. Responsibilities include defining Air Force Manpower and Organization Requirements, managing Human Resources, managing and providing Education and Training Requirements, regenerating Airmen, feeding Airmen, developing Human Capital Strategies, applying Laws and Policies, compensating Airmen, providing Force Readiness and Quality of Service Programs, and serves as senior staff advisor to commanders. Related DoD Occupational Group: 150000, 156000, 157000, 270200, 270300, 271400, 280500.

2. Duties and Responsibilities:
2.1. Formulate personnel plans and programs and develop policy to guide their implementation and execution. Translates program policy into directives, publications, and training manuals.
2.2. Participate in total force adaptive planning and execution in support of combatant commanders from peacetime through mobilization, contingency operations and demobilization. Access manpower, personnel, and equipment availability for UTC posturing and management.
2.3. Develop, control, program and allocate manpower resources in support of the Air Force planning, programming, budgeting and execution process. Analyze and determine force composition.
2.4. Determine Total Force manpower requirements across the spectrum of Air Force capabilities. Employ industrial and management engineering methodologies to develop manpower determinants and standards. Manage allocation of military and civilian resources through execution and management of the UMD. Conduct management advisory studies.
2.5. Develop, test, evaluate, and maintain Air Force recognized organization structure. Analyze and process organization change actions to activate, inactivate, redesignate, and reorganize unit structures.
2.6. Administer Air Force performance management and productivity programs. Assess and document organizational performance. Advise on process improvement, best practices and recognizes optimal performance.
2.7. Oversee and conduct strategic sourcing studies.
2.8. Develop and execute the full spectrum of total force personnel programs to accomplish accession planning and processing, classification and utilization, promotion, recognition, evaluation, reenlistment, assignment action, retraining, retirement, disciplinary, force development and force shaping programs.
2.9. Establish Air Force education and training policy requirements. Manage programs to include developmental education, voluntary education, advanced academic education, promotion testing, and libraries.
2.10. Manages equal opportunity and sexual assault prevention and response programs.
2.11. Leads and supervises contingency training and operations with an emphasis on specific capabilities and processes focused on expeditionary organizations and command relationships, feeding operations, lodgment of forces, mortuary affairs, casualty reporting, force accountability, fitness, recreation, learning resource centers, protocol, and NAF resale operations for both peace and wartime operations.
2.12. Develop and administer fitness programs designed to keep the Total Force fit and regenerate Airman and families.
2.13. Develop recreational programs to include sports management, tournaments, and special entertainment designed to regenerate the Total Force.
2.14. Lead Quality of Service programs and business operations. Establish and maintain sound appropriated and nonappropriated fund financial and corporate standards with internal controls. Establish short- and long-range plans to include growth and facility/equipment improvement and/or replacement.
2.15. Develop, administer, and monitor Airman and Family Programs ensuring compliance with policies and standards.
2.16. Institute customer service practices designed to meet the needs of commanders, supervisors and the force at large in peacetime and wartime operations.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of the following core competencies is mandatory: Force Development, Career Development, Force Management, Civilian Employee Management, Requirements Determination, Organization Principles, Performance Management, Manpower Resource Allocation, Customer Support, Readiness, Food Operations, Fitness Operations, Lodging Operations, Recreation, Resource Management, Mortuary Affairs, Casualty, SAPR, and Quality of Service Programs.
3.2. Education. For entry education requirements see Appendix A, 38F CIP Education Matrix.
3.3. Training. For award of AFSC 38F3, completion of Force Support Officer Initial Skills Training (IST) Course including Officer Field Education (OFE) is mandatory. A waiver from the CFM is required if any portion of IST is not completed. A minimum of 24 months of experience is also mandatory. In addition, within 24 months of graduating Force Support Officer IST, an officer must also complete the Follow-On Unit Training (FOUT) outlined in the Career Field Education and Training Plan (CFETP), Basic KSA Course, and Basic Contingency Course. All requirements must be certified by the FSS commander or senior career field leader assigned to the organization. A waiver from the CFM is required if the FOUT or other tasks cannot be completed within the 24-month period. ANG and AFR personnel will coordinate waivers with their component CFM and the RegAF CFM.

3.4. Experience. For award of AFSC 38F3, a minimum of 24 months of experience is mandatory.
3.5. Other. Not used.

4. *Specialty Shredouts

Suffix	*Portion of AFS to Which Related*
A	Analyst
Q	Section Commander

MEDICAL CAREER AREA (4XXX)

Introduction

The Medical Career Area encompasses program formulation, policy planning, coordination, inspection, command and direction, and immediate supervisory and technical responsibilities pertinent to the Health Services Management, Biomedical Clinicians, Biomedical Specialists, Medicine, Surgery, Nurse, Dental, and Aerospace Medicine Utilization Fields.

AFSC 40C0

MEDICAL COMMANDER
(Changed 30 Apr 17)

1. Specialty Summary. Commands Medical Groups. Serves as chief staff advisor to line commanders. Related DoD Occupational Group: 260100

2. Duties and Responsibilities:
2.1. Commands medical units. Commands resources engaged in health care. Responsible for personnel required to carry out base health care services. Determines health care requirements by analyzing mission and interpreting directives, orders, and instructions. Formulates plans, and establishes policies and procedures for delivering health care services and assures health care support for mission accomplishment. Implements programs such as total force training and disaster preparedness. Directs studies and surveys to determine perceptions of personnel. Implements measures to resolve problems and eliminate conditions contributing to low morale.
2.2. Directs health care activities. Supervises and directs assigned resources to provide quality health care services. Arranges quality civilian health care services when more cost effective than those available through the military facility or other federal resources. Ensures medical support to meet requirements placed on medical units when personnel are under operational control of the medical commander. Develops medical portion of base plans to provide medical support to wing and installation. Trains health care personnel. Advises installation commander on scope of available health care services, health care and services required by host-tenant agreements, health of personnel, and health protection requirements and measures.
2.3. Coordinates health care service activities. Conducts staff meetings, convenes, and appoints boards, councils, and committees to assist in managing assigned activities. Coordinates training, support, and use of medical units and activities. Coordinates with local health care agencies. Participates in civilian community health planning process. Determines medical treatment facility role within health service area.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: management concepts and objectives and their relationship to mission accomplishment; relationship of military and health care doctrine, contingency, and medical readiness planning; strategic planning; Air Force flying mission and associated health care requirements; information management; Air Force policy directives and instructions; military justice; conflict resolution; managing quality; communication and interpersonal skills; principles of medical administration; financial management; personnel; and materiel and facilities management.
3.2. Education. For entry into this specialty, it is mandatory to possess a degree leading to award of a medical AFSC (4XXX).
3.3. Training. Not used.
3.4. Experience. For award of AFSC 40C0, prior experience is mandatory in a medical command position, or experience in one or more senior health care management positions within preceding 5 years. Senior health care management positions include Chief, Hospital or Clinic Services; Chief Nurse; Base Dental Surgeon; Chief, Aerospace Medicine; Administrator; Chief of Pharmacy, Laboratory, or other biomedical sciences function; or other clinical or health care service or department-level management positions.
3.5. Other. Not used.

HEALTH SERVICES UTILIZATION FIELD (41AX)

Introduction

The Health Services Utilization Field encompasses command, administrative, logistics, and education functions supporting the provision of health care to authorized beneficiaries. This includes planning, programming, and operations related to the following activities: Medical facility command; medical facility administration; medical materiel and services management; medical resource management; patient affairs management; war and emergency planning; aeromedical evacuation; medical recruiting; medical facility repair, modification, and construction; biometrics; health systems design; data systems design; medical research administration; and health services training and education.

AFSC 41A4*, Staff
AFSC 41A3*, Qualified
AFSC 41A1*, Entry

HEALTH SERVICES ADMINISTRATOR
(Changed 30 Apr 19)

1. Specialty Summary. Manages health services activities, including plans and operations, managed care, human resource management, logistics management, patient administration, budgetary and fiscal management, medical manpower, medical facility management, biometrics, medical recruiting, and aeromedical evacuation. Directs the hospital accreditation program and management improvement studies. Related DoD Occupational Group: 260900 and 260800.

2. Duties and Responsibilities:
2.1. Formulates, interprets, and implements policy. Plans and organizes activities associated with peacetime and wartime health services administration, such as manpower, medical logistics, medical food service, hospitalization and aeromedical evacuation of patients, medical facilities management, repair, maintenance, construction, modification, and housekeeping, equipment maintenance and repair, information systems, clinical engineering, inpatient and outpatient records, and morale and welfare services for patients and medical personnel.
2.2. Coordinates health services programs. Coordinates with comptroller, civil engineering, civilian and federal agencies, and other Air Force functions and activities to execute health services programs. Advises the medical professional staff and other staff health services officers on administrative matters pertaining to health services programs. Maintains liaison with civilian, military, and other federal activities to keep current in areas of interest to health services administration.
2.3. Monitors and directs health services programs. Interprets and directs the implementation of policies governing health services programs. Directs the management of health services functions such as medical logistics, fiscal management, managed care, human resource management, patient administration, aeromedical evacuation, medical facility construction, modification, and design, and medical research administration. Develops financial plans and budget estimates for Air Force health services programs. Directs the preparation of biometric reports, directives, correspondence, and memoranda pertaining to health services administration. Controls utilization of health services program funds in collaboration with the medical commander and comptroller. Prepares and exercises emergency, disaster, and defense plans, and monitors readiness training. Integrates cost management, quality and access to care issues into health services programs.
2.4. AFSC 41AXA: Health Facilities officers apply knowledge of architecture and engineering to replace, modernize and repair health care facilities. Provide guidance on functional and technical criteria specific to medical facility design, construction and outfitting. Programs, plans and develops medical facilities projects. Reviews plans, specifications, and other supporting data for their technical, medical, and functional sufficiency.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: Air Force health services management; hospital administration and practice; contractual and accounting fundamentals; quality management; human resource management; and biometrics. 4A1X1: Knowledge of construction or architecture principles for facility planning, design, and construction.
3.2. Education. For entry into this specialty, one of the following is mandatory:
3.2.1. A graduate degree in Health Administration, Healthcare Administration (or equivalent), Healthcare Management, Health Management and Policy, Health Services Administration (or equivalent), Hospital Administration (or equivalent), Accounting, Business Administration, Business Management, Economics, Finance, Marketing, Statistics, Information Systems Management, Health Information Management, Health Information Technology, Emergency Management, Architecture*, Architectural Engineering*, Civil Engineering*, Construction Management or other closely related degree.
3.2.2. An undergraduate in Health Administration, Healthcare Administration (or equivalent), Healthcare Management, Health Management and Policy, Health Services Administration (or equivalent), Hospital Administration (or equivalent), Accounting, Business Administration, Business Management, Economics, Finance, Marketing, Statistics, Information Systems Management, Emergency Management, Biomedical Engineering, Clinical Engineering and Health Management/Health Systems Engineering, Information Management, Health Information Technology, Architecture*, Architectural Engineering*, Civil Engineering*, Construction Management*, Operations Research or other closely-related degree.
3.3. Training. For award of AFSC 41A3\A, completion of the basic health services administration course is mandatory.
3.4. Experience. For award of AFSC 41A3\A, officers must have at least 12 months experience in one of the MSC core functions, which are prescribed as facility management, health facilities, health plan management, medical resources, healthcare information management and information technology, medical logistics, and medical readiness (including aeromedical evacuation), and must have the approval of their unit's senior ranking MSC.
3.5. Other. Not used.

4. Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
A	Health Facilities Architect/ Engineer/Construction Manager*	Possess a BS or higher degree in architecture or design from an institution accredited by the National Architectural Accreditation Board (NAAB); or a BS or higher in architectural engineering or civil engineering from an institution accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET); or a BS or higher in construction management from an institution accredited by the American Council for Construction Education.

*Only applicable to Active Duty

BIOMEDICAL CLINICIAN UTILIZATION FIELD (42XX)
(Changed 30 Apr 19)

Introduction

The Biomedical Clinician Utilization Field encompasses the functions of physical and occupational therapists, clinical psychologists and social workers, optometrist, podiatrists, physician assistants, and audiologist in support of and serves as an integral part of the medical career area and medical services. This includes the application of enterprise knowledge to the following activities: medical unit/facility command, operational medicine and healthcare operations, medical education and training, medical research and acquisition, and military medical contingency planning.

Biomedical Clinicians apply their specific functional expertise as well as their general scientific education and experience to support the Air Force Medical Service focus on readiness, high reliability care, safety, and innovation. This is accomplished through core competency in continuous process improvement methodologies, and expertise in the science of safety and factors contributing to human error.

AFSC 42B4, Staff
AFSC 42B3, Qualified
AFSC 42B1, Entry

★PHYSICAL THERAPIST
(Changed 31 Oct 20)

1. Specialty Summary. Plans, develops, and manages physical therapy programs and activities. Implements research activities. Provides and conducts training in physical therapy. Evaluates patients and treats disabilities requiring physical therapy. Related DoD Occupational Group: 260806.

2. Duties and Responsibilities:
2.1. Plans, coordinates, controls, directs, and evaluates physical therapy activities. Determines and implements policies and procedures pertaining to physical therapy program and activities. Determines requirements for physical therapy services including personnel, equipment, supplies, and continuing education. Establishes professional care standards and establishes and appraises performance levels of subordinates. Coordinates the physical therapy program within the medical facility. Establishes and maintains liaison with civilian and governmental agencies regarding physical therapy. Develops and implements teaching programs and research activities related to physical therapy.
2.2. Plans and develops physical therapy treatments, procedures, and programs. Reviews clinical records and case histories. Interprets requests for physical therapy services. Evaluates patients and determines the type and frequency of physical therapy treatment necessary to assist in the habilitation or rehabilitation of patients. Consults and collaborates with medical personnel, patient, and active duty supervisor as required. Confers with referring medical officer. Makes recommendations regarding the use or adjustment of braces, prostheses, and other related appliances used to support and assist the mobility of the patient.
2.3. Administers physical therapy treatment programs. Supervises the professional phases of physical therapy. Administers physical therapy diagnostic tests and treatment programs. Observes patient's response to treatment and modifies the program to accelerate recovery. Records all pertinent data in the patient's medical records. Participates in quality assessment program.
2.4. Serves in an advisory and teaching capacity. Acts as a consultant to the medical staff on physical therapy matters. Makes recommendations on staffing, physical plant design, and distribution of physical therapy equipment. Establishes requirements and coordinates and conducts educational programs to meet department and facility needs. Evaluates effectiveness and efficiency of physical therapy programs and continuing educational activities.

3. ★Specialty Qualifications:
3.1. ★Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. ★Education. For entry into this specialty, a Doctor of Physical Therapy (DPT) degree from a physical therapy program accredited by the American Physical Therapy Association's Commission on Accreditation in Physical Therapy Education is mandatory.
3.3. ★Training. For award of AFSC 42B3, completion of the USAF Physical Therapy Advanced Course or U.S. Army Advanced Clinical and Operational Practice course and USAF PT/OT Management Course is mandatory.
3.4. ★Experience. For award of AFSC 42B3, a minimum of 24 months of experience in an Air Force physical therapy assignment is mandatory.
3.4.1. ★Completion of an accredited Orthopedic or Sports Physical Therapy residency prior to entering active duty or board certification as an Orthopedic or Sports Clinical Specialist by the American Board of Physical Therapy Specialties fulfills 12 months of the experience requirement.
3.4.1.1. ★Graduation from the USAF Orthopedic Physical Therapy Residency program fulfills the full 24 month experience requirement.
3.4.2. ★Completion of an accredited physical therapy fellowship in addition to board certification fulfills a total of 18 months of the experience requirement.
3.5. Other. The following are mandatory:
3.5.1. ★For entry into this specialty a current, valid, active and unrestricted license to practice physical therapy in a state, U.S. territory or District of Columbia is mandatory.
3.5.2. ★For award and retention of AFSC 42B3, a current, valid, active and unrestricted license to practice physical therapy in a state, U.S. territory or District of Columbia is mandatory.
3.5.3. ★Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

AFSC 42E4, Staff
AFSC 42E3, Qualified
AFSC 42E1, Entry

OPTOMETRIST
(Changed 31 Oct 18)

1. Specialty Summary. Examines, diagnoses, treats and manages diseases and disorders of the visual system, the eye and associate structures as well as diagnoses related systemic conditions. Serves as an integral part of the military health team and an entry point into the military health care system. The scope of optometric practice in the Air Force includes but is not limited to comprehensive primary eye care services for all eligible patient beneficiary categories; comprehensive specialty services, including contact lenses, low vision and vision training; co-management of ocular surgery and ocular complications of systemic illness in the inpatient and outpatient setting; primary eye care consultant for other health care professionals in the military health care system; promoting prevention and wellness, vision conservation, education and training activities, vision screenings, and positive health behaviors. Related DoD Occupation Group: 260804.

2. Duties and Responsibilities:
2.1. Examines eyes and vision. Examines, diagnoses, treats, and manages diseases and disorders of the visual system, the eye, and associated structures, as well as diagnosis of related systemic conditions utilizing refractive, pharmaceutical, and rehabilitative (low vision, contact lens, and binocular vision) procedures.
2.2. Prescribes treatment. Utilizes and prescribes pharmaceutical agents for the examination of the eye and adnexa as well as treatment and management of vision disorders, diseases, and conditions of the eye and adnexa. Utilizes and prescribes ophthalmic and other rehabilitative prosthetic devices (such as spectacles, contact lenses, and low vision devices) and trains in their use.
2.3 Orders studies. Orders diagnostic laboratory studies (such as preparation of specimens for cultures, sensitivity testing, smear and histological analysis, chemistry, hematology, coagulation, serology and immunology, nuclear medicine, and urinalysis); orders diagnostic imaging studies (such as ultrasound of the eye, head, neck, heart; ocular fluorescein and indocyanine green angiography; and radiology of the eye, orbit, head, neck, chest including X-ray, computed tomography, magnetic resonance imaging, magnetic resonance angiography with and without contrast).
2.4. Consults with attending physicians and other health care providers. When requested, augments the care of patients and provides referral to appropriate health care providers of patients with medical, surgical, psychiatric, and rehabilitative conditions.
2.5. Performs clinical procedures. Provides refractive status determination; binocular vision status determination; ocular and adnexal health evaluation; external, anterior segment and fundus photography with interpretation; visual field measurement and interpretation, ocular electrodiagnostic measurement with interpretation; ocular diagnostic imaging (optical coherence tomography, scanning laser polarimetry, retinal thickness analyzer, ultrasonographic and laser) with interpretation; ocular angiographic photography with interpretation; epilation of lashes; expression of adnexal glands; examination, testing, dilation and irrigation of the lacrimal apparatus; insertion of temporary and permanent punctual plugs; removal of non-perforating foreign bodies from the eye and adnexa.
2.6. Conducts research. Plans and conducts research in areas of clinical optometry and physiological optics, such as physical standards, protective and corrective eyewear, examining methods and techniques, and perceptual problems associated with aeronautics and space flight.
2.7. Manages optometry activities. Directs, supervises, and reviews performance of optometrists and ophthalmic technicians with emphasis on meeting the Air Force Medical Service (AFMS) business plan goals while providing quality care in alignment with the clinical guidelines of the American Optometric Association. Monitors day-to-day clinical and administrative activities to determine compliance with procedures governing optometric activities. Instructs ophthalmic technicians in local operational procedures and in use and maintenance of ophthalmic instruments. Develops, implements, and conducts process improvement initiatives, collects and analyzes eye and vision treatment outcome data, and develops research program documents, evaluations, procedures, operating instructions, and policies. Reports optometric activities to appropriate squadron commander IAW AFI 48-101, *Aerospace Medicine Enterprise,* and facilitates clinical readiness for various inspections.
2.8. Manages and directs occupational vision programs. Plans, supervises, and participates in vision conservation and eye protection programs according to AFI 41-210, *Tricare Operations and Patient Administration Functions* and AFJI 44-117, *Ophthalmic Services*. Works with the base safety office, public health and flight medicine personnel to identify eye hazardous areas and occupations, and supervises visual screening of personnel in such areas. Arranges for professional services, procurement, and dispensing of gas mask inserts, ballistic protective eyewear inserts and safety eye wear for military personnel and civilian employees of the Department of Defense.
2.9. Manages and directs aerospace and operational vision programs. Manages and directs the Aircrew Soft Contact Lens Program and the Corneal Refractive Surgery Program, in coordination with the Flight Surgeons Office IAW AFI 48-123, *Medical Examinations and Standards.* Supports the Flight and Operational Medicine Clinic and the Medical Standards Management Element with flying class and special operations physicals, aeromedical waivers for vision and ocular conditions, and other vision services.

3. Specialty Qualifications:
3.1. Knowledge. Must maintain currency in the delivery of primary eye care services to include treatment and management of disease and disorders of the visual system utilizing pharmacology and state-of-the-art ophthalmic technology.
3.2. Education. For entry into this specialty, completion of a Doctor of Optometry degree from a four-year college of optometry accredited by the Accreditation Council on Optometric Education (ACOE), and acceptable to the Surgeon General, HQ USAF, is mandatory.
3.3. Training. Residency training is recommended, but not mandatory.
3.4. Experience. For award of AFSC 42E3, a minimum of 12 months of experience in optometry assignments is mandatory. Experience must be in primary eye care services to include the examination, diagnosis, treatment
3.5. Other. The following are mandatory:
3.5.1. For entry into this specialty, eligibility for a current, valid, active and unrestricted state license to practice optometry utilizing therapeutic pharmacologic agents by achieving a passing score on all three parts of the National Board of Examiners in Optometry (NBEO) Exam is mandatory. Such licensure must be attained within 12 months of entering active duty.
3.5.2. For award and retention of AFSC 42E3, a current, valid and unrestricted state license to practice optometry utilizing therapeutic pharmacologic agents is mandatory.
3.5.3. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

AFSC 42F4, Staff
AFSC 42F3, Qualified
AFSC 42F1, Entry

★PODIATRIC SURGEON
(Changed 31 Oct 20)

1. ★Specialty Summary. Examines, diagnoses, and treats diseases and injuries of the foot, ankle, and related structures by surgical and conservative means. Manages podiatric services. Plans, conducts, and directs research in the area of podiatric medicine and surgery. Related DoD Occupational Group: 260809.

2. ★Duties and Responsibilities:
2.1. ★Examines, diagnoses, and treats diseases and injuries of the foot, ankle, and related structures by surgical and conservative means and application of corrective mechanical devices. Interviews patient and records patient's case history to determine previous ailments and complaints. Performs examinations to determine physiological and physical abnormality of the foot, ankle, and related structures. Conducts tests and determines radiological and clinical laboratory tests required. Interprets laboratory and radiology results in evaluating examination findings. Determines appropriate preoperative and postoperative care. Applies surgical procedures and coordinates operation with anesthesiologist. Performs surgical procedures of the foot, ankle, and related structures as credentialed by facility. Performs pre-operative and inpatient admission history, physical examinations, and determines need for appropriate specialty consult/referral. Reduces and immobilizes fractures by open or closed methods, using such corrective devices as braces, casts, and splints. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and corrective mechanical devices.
2.2. ★Manages podiatric surgical services. Formulates plans and procedures for podiatric surgery services. Schedules operations and assigns podiatrists, nurses, and medical technicians. Directs nurses in procedures for preoperative and postoperative care and operating room techniques. Advises on kind and quantity of podiatric supplies and equipment. Coordinates podiatric services with other medical activities. Instructs residents and students in podiatric surgical techniques. Serves as consultant on podiatric medicine and surgery.
2.3. ★Conducts research in podiatric medicine/surgery. Plans and conducts clinical research. Reviews and studies case histories, analyzes data, and participates with other scientists and physicians in programs to investigate new techniques and methods to improve foot health and human effectiveness of Air Force personnel.

3. ★Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirements satisfies this qualification requirement.
3.2. Education. For entry into this specialty, a Doctor of Podiatric Medicine (DPM) degree from an approved college of podiatric medicine is mandatory.
3.3. Training. Not used.
3.3.1★ Experience. For entry and award of AFSC 42F3, completion of a 36-month Podiatric Medicine and Surgery residency, accredited by the Council on Podiatric Medical Education (CPME), is mandatory.
3.4. Other. The following are mandatory:
3.4.1.★ For entry, award and retention of AFSCs 42F3/4:
3.4.1.1. ★Must have a current, valid, active and unrestricted license to practice podiatric medicine from a state, U.S. territory, or the District of Columbia, is mandatory.
3.4.2. ★For award and retention of AFSC 42F3/4: Must obtain and maintain clinical privileges IAW AFI 44-119, Medical Quality Operations (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.4.3. ★For entry of these AFSCs, Board Qualified/Certified by American Board of Foot and Ankle Surgery (ABFAS). (Board Qualification/Certification in Reconstructive Rearfoot/Ankle Surgery is highly desired.)
3.5. ★Requirements for award of 42F3/4 are to met within 6 months of military assignment; waiverable by the 42F BSC Associate Corps Chief.

AFSC 42G4*, Staff
AFSC 42G3*, Qualified
AFSC 42G1*, Entry

PHYSICIAN ASSISTANT
(Changed 30 Apr 20)

1. Specialty Summary. Provides comprehensive health maintenance and continuing medical care to assigned patient population. Examines, diagnoses, and treats diseases and injuries; manages inpatient and outpatient care and clinical services. Instructs other healthcare providers and nonmedical personnel. Related DoD Occupational Group: 260811.

2. Duties and Responsibilities:

2.1. Advanced Practice Provider: Independently privileged healthcare provider who uses evidence-based practice to render autonomous or collaborative direct patient care, including comprehensive assessments, differential diagnosis, plans and prescribes pharmacologic and non-pharmacologic treatments under Federal Supremacy guidance, including durable medical equipment in management of acute and chronic conditions, promotes health, and delivers preventive care within the area of practice. Physician Assistants in all specialty care areas perform patient and staff education, research, and consultation as appropriate to promote wellness and prevent illness and injury.

2.2. Coordinates patient care. Collaborates with other members of the healthcare team on both inpatient and outpatient services. Initiates consultation requests to other health professionals and provides comprehensive patient management when indicated.

2.3. Instructs medical and non-medical personnel. Formulates training programs and instructs both medical and nonmedical personnel in a variety of operational, aircrew safety and health-related topics. May instruct others in healthcare and non-healthcare fields at military or affiliated civilian institutions, and perform additional duties such as profile officer, to meet operational requirements.

3. Specialty Qualifications:

3.1 Knowledge. Fulfillment of education requirement satisfies.

3.2 Education. For entry into this specialty, graduation from a Master's degree awarding Physician Assistant/Physician Associate (PA) program accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) or its predecessors and acceptable to the Surgeon General, USAF, is mandatory.

3.3. Training. Must have minimum of 12-months of hands-on clinical rotations during the last year of training prior to initial graduation.

3.4. Experience. For award of AFSC 42G3, 6 months experience in a clinical practice and current and active certification by the National Commission on Certification of Physician Assistants (NCCPA) is mandatory. Additionally, maintenance of a state license to practice medicine as a PA is highly encouraged.

3.4.1. For award of AFSC 42G3X, requirements of AFSC 42G3 with minimum 18-months clinical experience as AFSC 42G3, and completion of a suffix-specific training or fellowship program acceptable to the Surgeon General, HQ USAF.

3.4.1.1. For award of 42G3P, completion of minimum 18-months clinical experience as AFSC 42G3, prescribed training IAW AFI 48-149, *Flight and Operational Medicine Program (FOMP)*, and 6-months experience in an Aerospace Medicine assignment.

3.4.1.2. ARC/ANG only. In lieu of approved suffix-specific fellowship program, requirements of AFSC 42G3, current and continuous practice in the specialty, successful completion and maintenance of NCCPA Specialty Certificate of Additional Qualifications, annual civilian Department Chair attestation of applicant's current case log and performance, and annual approval by the Consultant to the Surgeon General for Physician Assistant Specialties is mandatory.

3.5. Other. The following are mandatory:

3.5.1. For entry and retention of AFSC 42G1, must meet education and training requirements and meet NCCPA eligibility requirements to sit and challenge the Physician Assistant National Certification Examination (PANCE). Must successfully challenge PANCE within 15-months of entry.

3.5.2. For entry and retention of AFSC 42G1X (subspecialty)

3.5.2.1. Must maintain a current and active certification by the NCCPA.

3.5.2.2. Must be a fully qualified 42G3 with minimum 24-months clinical experience and accepted to a suffix-specific fellowship or assigned to an Aerospace Operational Medicine assignment.

3.5.3. For award and retention of AFSCs (42G3/4X):

3.5.3.1. Must not incur by any action or inaction the loss or revocation of board certification by the NCCPA.

3.5.3.2. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

3.5.3.3. For retention of AFSCs 42G3/4X, must not have a permanent revocation or denial of all professional privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Orthopedics
B	Otolaryngology
C	General Surgery
E	Emergency Medicine
N	Psychiatry
P	Aerospace Operational Medicine

AFSC 42N4, Staff
AFSC 42N3, Qualified
AFSC 42N1, Entry

★AUDIOLOGIST
(Changed 31 Oct 20)

1. Specialty Summary. Audiologists identify, assess, and manage disorders of the auditory and balance system. Additionally, they promote prevention and mitigation strategies for noise induced hearing loss through occupational Hearing Conservation Programs. Related DoD Occupational Group: 260801.

2. Duties and Responsibilities:
2.1. Conducts and interprets assessment of peripheral and central auditory function, balance, and related systems through comprehensive behavioral, electroacoustic, and/or electrophysiologic evaluation methods.
2.2. Promotes noise induced hearing loss prevention as a consultant to, or manager of, base level occupational Hearing Conservation Programs.
2.3. Manages hearing loss through evaluation and fitting of prosthetic devices to include hearing aids, assistive listening and implantable devices. Provides auditory rehabilitation to optimize communication skills and device use.
2.4. Designs and conducts clinical research relative to new methods and programs for hearing loss diagnosis, treatment, and hearing protection devices and programs.
2.5. Consults with professionals of related and/or allied services, and refers patients to other medical specialists as needed.

★3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of one or more areas of specialization within the field of audiology.
3.2. Education. For entry into 42N1, it is mandatory to possess a Doctor of Audiology (Au.D.) or Doctor of Philosophy (Ph.D.) with concentration in Audiology or a Master's Degree in Audiology (M.A. or M.S.). All degree programs must be accredited. Conferred doctorate degrees are preferred. However, individuals applying during a 4th year externship who have met all other academic requirements for award of a Doctor of Audiology (Au.D.), and are in valid student status, and have a cumulative GPA of 3.3 or higher on 4.0 scale or equivalent, and have a record of a passing score on a national exam in Audiology will be considered.
3.3. Training. Not used.
★3.4. Experience. For award of AFSC 42N3, AF Audiologists must attend the hearing conservation program-training course at USAFSAM and complete certification from the Council for Accreditation in Occupational Hearing Conservation (CAOHC) Professional Supervisors Course Or CAOHC Course Director Course.
3.5. Other. The following are mandatory:
3.5.1. For entry into AFSC 42N1, a current, valid, and unrestricted license to practice in the District of Columbia or any state or U.S. territory, and either a valid Certificate of Clinical Competence in Audiology (CCC-A) from the American Speech-Language and Hearing Association (ASHA) or a valid Board Certification in Audiology from the American Board of Audiology (ABA) (may be waived only for individuals accessed within six (6) months following Au.D. program graduation).
3.5.2. For retention of AFSC 42N1:
3.5.2.1. Officers accessed without a license must obtain such license within six (6) months of entering active duty.
3.5.2.2. Officers accessed without ASHA certification or ABA board certification must obtain such within six (6) months of entering active duty
3.5.3. For award and retention of AFSC 42N3, maintenance of a current, valid, active, and unrestricted license to practice in the District of Columbia or any state or U.S. territory, and either a valid ASHA certification or ABA board certification .
3.5.4. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

AFSC 42P4*, Staff
AFSC 42P3*, Qualified
AFSC 42P1*, Entry

CLINICAL PSYCHOLOGIST
(Changed 31 Oct 18)

1. Specialty Summary. Applies psychological principles and techniques to problems of human effectiveness, maladjustment, and psychological disturbances. Evaluates, diagnoses, and treats psychological and neuropsychological disorders. Teaches, supervises, and directs clinical psychology and related mental health programs. Related DoD Occupational Group: 260807.

2. Duties and Responsibilities:
2.1. Administers clinical psychology programs. Plans, organizes, and directs mental health service or department. Supervises mental health personnel, and recommends policies pertaining to their training and management. Implements mental health programs through consulting with other agencies on such problems as individual and group effectiveness, interpersonal relations, psychopathology, and maladaptive behavior.
2.2. Performs mental health evaluations and therapy. Applies and supervises application of psychological procedures and techniques in evaluating, diagnosing, and treating psychological and neuropsychological disorders. Provides individual and group therapy, behavior modification paradigms, and biofeedback procedures in treating psychological disorders, and in assisting individuals to achieve more effective personal and interpersonal adjustment.
2.3. Performs research and training. Plans and conducts clinical psychological research. Determines methods to be used in investigation, assessment, diagnosis, and treatment of mental health problems. Provides education and training in psychological theory, diagnostic techniques, treatment modalities, and related mental health programs to psychologists, allied disciplines, and personnel in medical, educational, managerial, social, and community programs.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of psychological theories, principles, and techniques is mandatory.
3.2. Education. The following are mandatory as indicated:
3.2.1. For entry into this specialty, completion of all requirements for award of a doctorate in clinical psychology or equivalent doctorate in psychology (except dissertation or clinical internship or both).
3.2.2. For award of AFSC 42P3, a doctorate in clinical psychology, or equivalent.
3.3. Training. Not used.
3.4. Experience. The following are mandatory as indicated:
3.4.1. For award of 42P3, a clinical internship acceptable to the Surgeon General, HQ USAF.
3.4.2. For award and retention of AFSC 42P3/42P3X, a current, valid, active, and unrestricted state issued license to practice clinical or counseling psychology in a state, U.S. territory, or the District of Columbia within 3 years from the date the clinical internship is completed.
3.4.3. See specialty shredouts for additional requirements.
3.5. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
A	Clinical Neuropsychologist	Performs and supervises neuropsychological evaluations, conducts research, and provides education and training in the field of neuropsychology. For award of AFSC 42P3A, a doctorate plus 2 year post-doctoral training in a neuropsychology fellowship training program acceptable to the Air Force Surgeon General, or 3 years experience in a setting where primary duty was in neuropsychology.
B	Health Psychologist	Performs and supervises health psychology evaluations, conducts research, and provides education and training in the field of health psychology. For award of AFSC 42P3B, a doctorate plus 1 year post-doctoral training in a health psychology fellowship training program acceptable to the Air Force Surgeon General, or 3 years experience acceptable to the Air Force Surgeon General in a setting where the primary duty was in health psychology.

Suffix	*Portion of AFS to Which Related*	
C	Child & Adolescent Psychologist	Performs and supervises child, adolescent, and pediatric psychology evaluations, conducts research, and provides education and training in the field of child, adolescent, and pediatric psychology. For award of AFSC 42P3C, a doctorate plus 1 year post-doctoral training in a child and adolescent psychology or a pediatric psychology fellowship training program acceptable to the Air Force Surgeon General, or 3 years experience acceptable to the Air Force Surgeon General in a setting where the primary duty was in child and adolescent and/or pediatric psychology.
D	Aviation Psychologist	Performs and supervises aviation psychology evaluations, conducts research, and provides education and training in the field of aviation psychology. For award of AFSC 42P3D, a doctorate plus 1 year post-doctoral training in an aviation psychology fellowship training program acceptable to the Air Force Surgeon General, or 3 years experience acceptable to the Air Force Surgeon General in a setting where the primary duty was in aviation psychology.
E	Operational Psychologist	Performs and supervises operational psychology evaluations, conducts research and provides education and training in the field of operational psychology. For award of AFSC 42P3E, a doctorate plus one year post-doctoral training in operational psychology fellowship training program acceptable to the Air Force Surgeon General, or 3 years experience in a setting where the primary duty was in operational psychology acceptable to the Air Force Surgeon General is required.

AFSC 42S4, Staff
AFSC 42S3, Qualified
AFSC 42S1, Entry

★CLINICAL SOCIAL WORKER
(Changed 31 Oct 20)

1. ★Specialty Summary. Clinical social work is a specialty practice area of social work which focuses on the assessment, diagnosis, treatment, and prevention of mental illness, emotional, and other behavioral disturbances. Applies principles, knowledge, and practice of professional social work to provide mental health diagnosis, treatment, research, consultation, and preventive programs for individuals, families, groups, and organizations in military community. Teaches, supervises, and directs clinical social work and related mental health programs. Related DoD Occupational Group: 260807.

2. Duties and Responsibilities:
2.1. Administers clinical social work programs. Plans, organizes, and directs mental health service or department. Provides social work services in mental health, substance abuse, Family Advocacy, medical, Exceptional Family Member Program, and other professional military settings. Supervises mental health personnel and recommends policies pertaining to their training and management. Assesses and plans for the social and psychological needs of individuals, families, groups, and organizations in the military community. Performs mental health evaluations and therapy. Applies and supervises application of social work procedures and techniques in evaluating, diagnosing, and treating psychological disorders. Provides individual and group therapy, behavior modification, and other evidence based treatment procedures in treating psychological disorders, and in assisting individuals to achieve more effective personal and interpersonal adjustment. During deployments, uses social work skills to prevent and treat psychological problems in order to support and enhance the Air Force mission.
2.2. Provides consultation and support to leadership and other agencies on such problems as individual and group effectiveness, interpersonal relations, psychopathology, and maladaptive behavior. Coordinates social work services and maintains liaison with military and civilian resources. Provides consultation on policies, procedures, and services to medical staff, commanders, base agencies, volunteers, major commands, and other installations of assignment.
2.3. Conducts and participates in research appropriate to professional training and expertise. Develops social work staff training programs to ensure uniformly high standards of social work personnel. Trains social work students in affiliation with a university graduate social work program, and engages in education and training of other professional medical personnel. Develops and conducts internship programs for newly accessed social work graduates and ensures understanding of Air Force social work functions prior to assignment to initial duty station.

3. ★Specialty Qualifications:
3.1. Knowledge. Knowledge of social work theories, principles, techniques, and resources is mandatory.
3.2. Education. For entry into this specialty, a Master's in Social Work from a graduate school of social work accredited by the Council on Social Work Education (CSWE) is mandatory.
3.3. Training. Not used.
3.4. ★Experience. For award of AFSC 42S3, completion of the Air Force Clinical Social Work Internship.
3.5. Other. The Following are mandatory:
3.5.1. For entry into this specialty, an entry level state license is mandatory.
3.5.2. For award and retention of AFSC 42S3, officers must possess a valid, active, current and unrestricted license issued by a U.S. jurisdiction at a level allowing independent clinical social work practice. Social Workers accessed without an independent clinical practice level license must obtain such license within 3 years of accession.
3.5.3. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

AFSC 42T4, Staff
AFSC 42T3, Qualified
AFSC 42T1, Entry

OCCUPATIONAL THERAPIST
(Changed 31 Oct 18)

1. Specialty Summary. Plans, develops, and manages occupational therapy programs and activities. Implements research activities. Provides and conducts training in occupational therapy. Evaluates patients and treats disabilities requiring occupational therapy. Related DoD Occupational Group: 260806.

2. Duties and Responsibilities:

2.1. Plans, coordinates, controls, directs, and evaluates occupational therapy activities. Determines and implements policies and procedures pertaining to occupational therapy programs and activities. Determines requirements for occupational therapy services including staffing, budget, equipment, physical plant design, supplies, and continuing education. Establishes professional care standards and appraises performance levels of subordinates. Coordinates medical facility occupational therapy programs.

2.2. Executes responsibility for independent management of complex neuromuscular, musculoskeletal, and psychosocial disorders, including mild traumatic brain injury (cognitive rehabilitation) and combat stress reactions, within the scope of practice. Fulfills all responsibilities and expectations of medical staff appointment as a highly experienced advanced clinician. Provides examination, evaluation, diagnosis, prognosis, intervention and outcome assessment for inpatients and outpatients. Develops, implements, monitors, modifies evidence based treatment/rehabilitation programs. Utilizes advanced practice privileges, orders referrals/consultations, diagnostic tests and studies when indicated to expedite care. Maintains caseload and case mix productivity standards as defined by local and Air Force policy and ensures access to care is within clinic standards. Provides clinical oversight and direction of staff occupational therapists and support staff. Interfaces effectively with members of the professional staff and off base providers ensuring coordinated care. Prescribes, fits, and fabricates orthoses and facilitates procurement and instruction in effective use of adaptive equipment and other therapeutic devices including computerized assistive technology. Prescribes limitations in work, sports, school, and activities of daily living; generates written restrictions IAW local standards. Employs electronic systems to document and maintain patient care documentation while ensuring timely coding is accomplished according to local policy. Directs patients into specific creative opportunities, challenging tasks, work related activities, or competitive outlets. Educates patients and families on therapeutic activities, adaptive/compensatory strategies, and use of equipment.

2.3. Acts as a consultant to the medical staff on occupational therapy matters. Evaluates effectiveness and efficiency of occupational therapy programs and continuing educational activities. Performs required clinical and non-clinical administrative duties. Manages priorities, schedules and deadlines to ensure temporal, quantity and quality demands of the workload are met. Manages occupational therapy interns; formulates training objectives and develops standards; provides clinical education, training and mentorship. Instructs occupational therapy support staff in current evidence-based theory and practice of occupational therapy. Provides and develops musculoskeletal injury prevention services and stress/psychosocial management skills (and/or cognitive rehabilitation) programs as needed. Develops, conducts and participates in clinical research IAW local policy. Plans, conducts, and participates in medical readiness training.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: occupational therapy standards of practice, applied therapeutic modalities, and program management.

3.2. Education. Completion of an accredited program in occupational therapy acceptable to the Surgeon General, HQ USAF, is mandatory. The minimum requirement is an entry-level (or post-professional) master's degree (doctorate is preferred).

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42T3 the following are mandatory:

3.4.1. A minimum of 6 months of experience in occupational therapy assignments including planning, managing, and administering occupational therapy treatments and activities for those with the entry-level Doctor of Occupational Therapy (DOT) and Transitional (e.g. post-professional) Doctor of Occupational Therapy (OTD).

3.4.2. A minimum of 24 months of supervised clinical experience in an occupational therapy assignment including planning, managing, and administering occupational therapy treatments and activities for those with a bachelor's or master's degree.

3.5. Other. The following are mandatory:

3.5.1. For entry into the specialty, a current, valid, active, and unrestricted state license and registration to practice occupational therapy is mandatory.

3.5.2. For award and retention of AFSC 42T3, a current, valid, active, and unrestricted state license and registration to practice occupational therapy.

3.5.3. Must maintain and obtain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position.)

BIOMEDICAL SPECIALISTS UTILIZATION FIELD (43XX)
(Changed 30 Apr 19)

Introduction

The Biomedical Specialists Utilization Field includes the functions of aerospace physiologists, scientists, engineers, health and medical physicists, dietitians, entomologists, pharmacists, public health and biomedical laboratory officers in support of and serves as an integral part of the medical career area and medical services. This includes the application of enterprise knowledge to the following activities: medical unit/facility command, operational medicine and healthcare operations, medical education and training, medical research and acquisition, and military medical contingency planning.

Biomedical Specialists apply their specific functional expertise as well as their general scientific education and experience to support the Air Force Medical Service focus on readiness, high reliability care, safety, and innovation. This is accomplished through core competency in continuous process improvement methodologies, and expertise in the science of safety and factors contributing to human error.

AFSC 43A4, Staff
AFSC 43A3, Qualified
AFSC 43A1, Entry

AEROSPACE AND OPERATIONAL PHYSIOLOGIST
(Changed 31 Oct 18)

1. Specialty Summary. Train selected Biomedical Science Corps (BSC) officers in a course of instruction leading to designation as an Air Force Aerospace and Operational Physiology Officer (AOPO). Trains in hypobaric (altitude) chamber operations, aeromedical aspects of flight, sensory physiology, aviation life support systems, acceleration physiology, emergency egress, aircraft mishap investigation concepts, and Airman performance enhancement, sustainment and optimization. Leads and manages Aerospace and Operational Physiological Training Units (AOPTU) and Aerospace and Operational Physiology Training Teams (AOPTT). Specific duties include: Instructs personnel in Aerospace and Operational Physiology and related human factors (HF) outlined in AFI 11-403 and associated MAJCOM supplements. Plans, conducts, and directs aerospace physiology acquisition, science and technology programs; manages specialized physiology support divisions for high altitude projects; performs flying duties as a non-rated officer aircrew when assigned to the "X" prefix; manages Aircrew Flight Equipment (AFE) functions when required; supervises Aerospace and Operational Physiology programs at Air Staff, MAJCOM, or FOA staff level. Related DoD Occupational Group: 260808.

2. Duties and Responsibilities:
2.1. Aerospace and Operational Physiology Training:
2.1.1. Plans, executes, and supervises training IAW AFI 11-403, Aerospace Physiological Training Program, and associated MAJCOM supplements.
2.1.2. Manages all personnel, programs, and functions of USAF AOPTUs and AOPTTs.
2.1.3. Instructs aircrew and operational support personnel on physiological and HF challenges inherent to modern military aviation and prepares the trainee to meet these challenges.
2.1.4. Organizes and prepares instructional materials based on course objectives. Prepares assignments, demonstrations, group activities, training aids, references, and related material required to supplement course objectives.
2.1.5. Coordinates with operations officers, flying safety officers, and staff officers on changes in texts, training project outlines, general class progress, student/trainee disciplinary problems, examination procedures and tests, school records, and related subjects. Develops new training aids. Advises education and training staff officers on such matters as course curricula revision and preparing training materials.
2.1.6. Supervises and ensures safe operation of physiological training devices; hypobaric chambers, reduced oxygen breathing devices (ROBD), hypoxia familiarization trainers, spatial disorientation trainers, Barany chairs, swing landing trainers, lateral drift trainers, night vision device trainers, and centrifuge. Conducts health screening interviews with trainees before chamber flights/ROBD exposures/centrifuge runs to prevent medical complications due to trainee physical condition. Supervises and performs necessary measures in managing medical complications until relieved by a flight surgeon and/or competent medical authority.
2.1.7. Performs hazardous duty as inside observer during hypobaric chamber flights to ensure student safety and training effectiveness.
2.1.8. Coordinates special evaluation and diagnostic hypobaric chamber flights and centrifuge runs with appropriate line and medical agencies.
2.1.9. Plans, conducts, and advises Air Staff and MAJCOM/A3 agencies on physiology training system requirements, policy, utilization, acquisition, and sustainment.
2.2. Human performance:
2.2.1. Educates aircrew, special operations, and support personnel on the HF/performance challenges of AF operations and provides strategies/techniques to mitigate these challenges. Participates in flying safety and aircrew performance optimization programs.
2.2.2. Advises supervisors, unit commanders and wing, command, and staff agencies on effective HF/performance strategies/techniques.
2.2.3. Serves as HF consultant on safety/accident investigations. Develops HF trend analyses in support of AF requirements, policy, and programs.
2.2.4. Advocates human system integration by advising Air Staff and MAJCOM Requirements, Plans & Programming, and Acquisition agencies on human performance considerations during operational capability development in support of system requirements, specifications, design and sustainment of new and fielded weapon systems.
2.3. High-Altitude Reconnaissance Mission Support (HARMS):
2.3.1. Plans, executes, and supervises HARMS for manned systems (e.g. U-2) IAW Air Combat Command Instruction 11-459, *High-Altitude Reconnaissance Mission Support Program*.
2.3.2. Manages organization, training, and equipping of personnel supporting HARMS program.
2.3.3. Develops and manages specialized physiological and AFE training programs to ensure the safety of aircrew assigned to these programs.
2.3.4. Supervises technicians conducting aircrew pre-flight and post-flight preparation, to include donning/doffing of specialized AFE, launching/recovering aircrew at the aircraft, and maintenance of specialized AFE.
2.4. High-Altitude Airdrop Mission Support (HAAMS):
2.4.1. Plans, executes, and supervises HAAMS for AF/DoD mobility airlift operations IAW AFI 11-409, *High Altitude Airdrop Mission Support Program*.

2.4.2. Performs flying duties in support of HAAMS operations; provides in-flight physiological support to aircrew and other on-board personnel performing duties in unpressurized operations.
2.4.3. Participates in parachuting activities when assigned to "J" prefix manning position IAW AFI 11-410, *Personnel Parachute Operations*.
2.5. Centrifuge Training:
2.5.1. Plans, executes, and supervises centrifuge training IAW AFI 11-403, *Aerospace Physiological Training Program* and AFI 11-404, *Centrifuge Training for High-G Aircrew*.
2.6. Research, Development, Test, and Evaluation (RDT&E):
2.6.1. Acts as technical advisor and manages hypobaric chamber/centrifuge support of aeromedical research conducted at the USAF School of Aerospace Medicine.
2.6.2. Plans, coordinates, and directs aerospace biotechnology acquisition, science, and technology programs. Generates policies and procedures governing establishment and performance of acquisition, science, and technology development projects, including requirements for funds, facilities, material, equipment, and personnel. Resolves technical problems involved in reviewing and interpreting scientific data, formulating new concepts, and recommending new approaches. Directs preparation of technical reports on acquisition, science, and technology projects.
2.6.3. Facilitates human-centered technology transition to warfighters and supports human system integration efforts in System Program Offices.
2.6.4. Plans, develops, and directs aircraft life support system, AFE, and chemical defense ensemble test and evaluation and special projects.
2.7. Operational Flying:
2.7.1. Regularly participates in flying missions as a non-rated officer aircrew assigned to an "X" prefix.
2.7.2. Primary Flight Duties:
2.7.2.1. Observe, evaluate, and assist with the unique physiological demand of the MDS.
2.7.2.2. Observe, evaluate, and assist with human factors/human performance challenges within the MDS and/or mission set.
2.7.2.3. Observe, evaluate, and assist with life support systems and aircrew interface.
2.7.2.4. Provide Operational Safety, Suitability, and Effectiveness (OSS&E) lessons learned to existing aircrew training platform and human system integration.
2.7.2.5. Functions associated with High Altitude Airdrop Mission Support.
2.8. **Staff Functions**:
2.8.1. May function at HQ USAF, MAJCOM, or FOA staff (including but not limited to Surgeon General, Operations, Safety, Human Systems Integration, etc.) in variety of functions (e.g. AOP Consultant, AOP Program Manager, etc.). Coordinates and manages AOP program actions at Air Staff, MAJCOM, and FOA level.

3. Specialty Qualifications:
3.1. Knowledge. Thorough understanding of aerospace physiology and closely related subjects is mandatory.
3.2. Education. Bachelor's or Post-Graduate Degree in Physiology, Human Factors, or related fields (e.g. engineering psychology, biomedical engineering, exercise physiology, kinesiology, human systems integration, or HF) is mandatory. In addition to a well-established background in physiology or HF, completion of courses in the areas of chemistry, physics, statistics, organic chemistry, biochemistry, comparative anatomy, and computer science is highly desirable. Post-graduate degree applicants are preferred; however, exceptionally qualified applicants (e.g. have significant military aviation experience) who have completed a bachelor's degree in the areas of study listed above will be considered. Applicants must have a GPA of 3.0 or higher on a 4.0 scale.
3.3. Training. The following training is mandatory as indicated:
3.3.1. To perform the basic duties of a 43A1, completion of the Air Force Aerospace and Operational Physiology Officer 101 course (B3OBY43A1-0A1C) is mandatory.
3.3.2. For award of AFSC 43A3, all education and training items included in the AOPO 201 and 202 phases of upgrade training.
3.4. Experience.
3.4.1. For entry into AFSC 43A1, experience as an instructor or teacher is desirable.
3.4.2. For award of AFSC 43A3, the following requirements are mandatory:
3.4.2.1. Minimum of 30 months experience in the 43A1 Air Force Specialty (AFS) while performing duties typical of a base AOPTU. The 30 month time period begins the day following completion of the Aerospace and Operational Physiology 101 course.
3.4.2.2. Minimum of 25 hours experience instructing AFI 11-403 and/or UFT/UNT/CSO lesson content.
3.4.2.3. Minimum of 5 hours experience as inside observer during hypobaric chamber flights.
3.4.2.4. Provided AOPO coverage on a minimum of 15 hypobaric chamber flights.
3.4.2.5. Completion of one year supervisory experience.
3.4.2.6. Those identified with X-Prefix will complete the following initial qualification:
3.4.2.6.1. Successful completion of open-book examination for AOP specific MDS test to meet Universal Qualifications in accordance with AFI 11-202, Vol 2, Chapter 8.
3.4.2.6.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award of X-prefix, completion of security investigation (or interim) IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*, is required. Member must be able to receive security clearance commensurate with the MDS to which they are attached.
3.5. Other. The following training is mandatory as indicated:
3.5.1. For entry into this specialty, an interview with a designated senior aerospace physiologist is required. Strong personal

endorsements in areas of initiative and team-work are highly desirable.
3.5.2. For entry and award of AFSCs 43AX, physical qualification IAW AFI 48-123 for Flying Class III requirements is mandatory. For retention of AFSCs 43AX, the physical qualification may be waived by the Associate Corps Chief for Aerospace and Operational Physiology.

AFSC 43B4, Staff
AFSC 43B3, Qualified

BIOMEDICAL SCIENTIST
(Changed 31 Oct 17)

1. **Specialty Summary.** Plans, administers, leads and manages multi-disciplinary professional programs and activities in the broad area of biomedical sciences and healthcare. Related DoD Occupational Group: 260802.

2. **Duties and Responsibilities:**
2.1. Utilizes biomedical sciences background and leadership skill to develop and direct biomedical sciences programs and/or command multidisciplinary healthcare units. Develops, evaluates, and interprets policies in health related activities, to include areas such as technical training, research, clinical practice, therapeutics, and operational support.
2.2. Coordinates and supports biomedical sciences activities at the Headquarters, Forward Operating Agency, Direct Report Unit or installation level. Advises on career development and utilization of Biomedical Sciences Corps officers; coordinates policies for procurement, assignment, classification, selection, and training. Maintains liaison with Biomedical Sciences Corps officers through staff visits, telephone, and written communication, and provides current information on policies and programs that affect their career development. Confers with medical facility commanders and staff members on biomedical information systems requirements and procedures. Advises medical facility commanders on establishing manning, equipping, and operating biomedical units and activities. Participates in meetings of professional societies and symposia and disseminates information obtained to biomedical clinicians and scientists. Provides technical consultant services in areas of professional competence.
2.3. Monitors and directs biomedical sciences programs. Inspects biomedical sciences activities. Interprets, evaluates, and translates biomedical scientific data, knowledge, and techniques. Prepares and disseminates professional data on new concepts, procedures, and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of biomedical sciences programs, including an understanding of specialties and disciplines within the Biomedical Sciences Corps, and Air Force personnel programs including manpower, personnel utilization, education, and training.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. For award of AFSCs 43B3/4, the following are mandatory:
3.5.1. Possess an awarded AFSC of 42X3/4 or 43X3/4;
3.5.2. Currently assigned to a valid, funded UMD authorization designated for AFSC 43B3/4.
3.6. For retention of AFSC 43BX, possession of AFSCs 42X3/4 or 43X3/4 (other than 43BX) is mandatory.

AFSC 43D4, Staff
AFSC 43D3, Qualified
AFSC 43D1, Entry

★DIETITIAN
(Changed 31 Oct 20)

1. Specialty Summary. Serves as the advisor to the Medical Treatment Facility Commander (MTF/CC) in matters pertaining to food service, nutrition and dietetics. Plans and manages nutritional medicine operations to include food production and the performance of clinical and preventive dietetic activities. Coordinates with and makes recommendations to commanders, staff agencies, and military base organizations concerning nutrition and dietetics issues. Related DoD Occupational Group: 260810.

2. Duties and Responsibilities:
2.1. Manages nutritional medicine activities. Formulates and implements policies and procedures for the organization and operation of nutritional medicine in peacetime and wartime environment. Sets and enforces standards and monitors administrative and technical activities. Determines requirements for food service facilities, personnel, equipment, and operations. Procures, manages, and safeguards all nutritional medicine flight resources and supervises food production and service operations. Inspects and evaluates food preparation and service for conformance with regulatory standards. Ensures the nutritional medicine activity operates within budget, sanitation, and safety standards. Plans and implements training programs for nutritional medicine personnel. Ensures appropriate contingency plans are developed. Coordinates nutritional medicine operations with professional and administrative services of the medical facility. Supports medical readiness operations, as needed.
2.2. Performs inpatient clinical dietetics activities. Plans nutritionally balanced regular and therapeutic menus, considering factors such as quality, palatability, attractiveness, availability of food supplies, and budget. Interprets and calculates therapeutic diets and enteral or parenteral nutrition prescribed by authorized providers. Conducts and coordinates nutrition screening to determine nutrition risk and assesses nutrition status of patients. Conducts nutrition rounds and interviews patients. Instructs patients on content and purpose of therapeutic diets. Consults with medical staff on population or patient nutrition requirements and intervention. Participates in the care of inpatients as part of multidisciplinary patient care team. Follows patients and documents progress routinely throughout hospitalization. Implements the Nutrition Care Process in accordance with the Academy of Nutrition and Dietetics (AND).
2.3. Performs outpatient, community, and preventive dietetics activities. Provides outpatient counseling in group and individual settings, as appropriate. Provides nutrition assessment, medical nutrition therapy and nutrition education to health care beneficiaries as part of collaborative disease management programs. Interprets and calculates therapeutic diets prescribed by authorized providers. Conducts follow-up counseling and collects and tracks outcomes of nutrition care. Provides nutrition briefings to participants of wellness programs as part of a multidisciplinary team. Provides environmental assessment and community-based education and intervention to encourage and support health and wellness. Implements the Nutrition Care Process in accordance with the AND guidelines.
2.4. Coordinates dietetics activities. Advises the MTF/CC on the status and effectiveness of nutritional medicine activities and community-based nutrition. Performs nutrition aspects of research and development studies. Assists in development of nutrition policies and programs for aviation personnel and special operations personnel. Educates patients, healthcare providers and staff, as needed. Confers with commanders and staff agencies on matters such as nutritional adequacy of meals, equipment requirements, commissary and subsistence matters, personnel, manpower, and other functions related to nutritional medicine activities. Acts as nutrition consultant for the base community, including schools and child development centers. Consults with other governmental or private agencies on nutrition and dietetics matters, as needed. Maintains specialty knowledge of emerging scientific research and advances in the field of nutrition and dietetics. Provides dietetic consultative services to medical treatment facilities without dietitians and as requested.

3. ★Specialty Qualifications:
3.1. Knowledge. Knowledge of the principles of human nutrition, regular and therapeutic diets, cultural food habits, and food service management, is mandatory.
3.2. Education. The following education is mandatory:
3.2.1. ★For entry into this specialty, completion of a minimum of a bachelor's degree from a U.S. regionally accredited college or university and coursework accredited or approved by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the AND is required. This must be followed by successful completion of one of the following AND-accredited supervised practice programs: dietetic internship with generalist (or military) emphasis or coordinated program in dietetics with generalist emphasis, and successful completion of the registration examination for dietitians, resulting in status as a Registered Dietitian.
3.3. Training. Not used.
3.4. ★Experience. For award of 43D3 AFSC, a minimum of 12 months of experience in an AF dietetics assignment completion of the Active Duty USAF Dietitian Upgrade checklist and registration by the Commission on Dietetic Registration of the AND are mandatory. This requirement must be completed within 12 months of assignment as a 43D, unless waived by the Associate Corps Chief for Nutrition and Dietetics.
3.5. ★Other. Not used.

AFSC 43E4*, Staff
AFSC 43E3*, Qualified
AFSC 43E2A, Intermediate
AFSC 43E1A, Entry

★BIOENVIRONMENTAL ENGINEER
(Changed 31 Oct 20)

1. Specialty Summary. Applies engineering and scientific principles in anticipating, recognizing, and evaluating occupational and environmental health (OEH) hazards, also called OEH threats. Designs and recommends risk control measures and other courses of action that enable Risk Management decisions, and in some cases Patient Care strategies, to ensure Force Health Protection. Constituent OPM Occupational Series: 0690 (Industrial Hygiene), 0801 (General Engineering), 0819 (Environmental Engineering), 1306 (Health Physics), and 1310 (Physics). Related DoD Occupational Groups: 260803, 260815, 260823, and 260825.

2. ★Duties and Responsibilities:
2.1. Executes and supervises bioenvironmental engineering (BE) programs. Applies knowledge of engineering and the sciences to assist commanders in meeting mission objectives at home station and deployed settings. Performs and documents health risk assessments for chemical, biological, radiological, nuclear (CBRN), and physical hazards, which may compromise Force Health Protection. Advises commanders on impact of unacceptable risk to mission and provides viable courses of action to reduce and eliminate risk. Identifies and assesses effectiveness of OEH controls. Participates in installation contingency response activities, including exercises. Determines the appropriateness of personnel protective equipment and individual protective equipment. May participate in development of policy. Directs and supervises technicians conducting base BE activities. Maintains liaison with local, state, and federal agencies on matters involving OEH standards.
2.2. Develops measures to control radiological hazards, including those encountered in unrestricted areas to ensure permissible limits of radiation exposure are not exceeded. Augments medical health physics activities. Enables radiological monitoring, measurement, and control for the Nuclear Enterprise. Serves as Radiation Safety Officer where required.
2.3. AFSC 43EXG: Provides consultation regarding planning, designing, and constructing facilities for storage, use, and disposal of radioactive material or radiation producing devices. Guides the health risk assessment of exposure to ionizing and non-ionizing radiation; and ensures adherence to prescribed safety standards by evaluating activities involving the possession, handling, transportation, storage, use, and disposition of radioactive materials, as well as activities involving use of lasers and other non-ionizing radiation sources. Enables enhanced CBRN response capability for nuclear and radiological incidents.
2.4. ★AFSC 43EXM: (Legacy only) Develops, institutes, and sustains medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services that enable safe and effective patient care. Augments radiology resident training programs. Conducts medical physics activities, research and development on medical physics related topics.

3. ★Specialty Qualifications (Mandatory):
3.1. Knowledge. The following knowledge is mandatory for the following AFSCs:
3.1.1. For AFSCs 43EXA/B/D/G/M, knowledge of all bioenvironmental engineering principles for force health protection spanning all operational environments.
3.1.2. For AFSCs 43EXM, intentional development of this shred ended on 1 Oct 19 with Defense Health Agency (DHA) assuming medical physics requirements at Air Force medical facilities.
3.2. Education. See specialty shredouts, and:
3.2.1. ★For award of AFSC 43E3B/D/G, meet requirements of and possession of AFSC 43E3A and complete the education and/or certification requirements in respective specialty shredouts.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. ★For award of AFSC 43E2A, completion of the BE Officer Course, B3OBY43E1 0A1B.
3.3.2. ★For award of AFSC 43E3A, completion of upgrade training IAW current BE Career Field Education Training Plan (CFETP), completion of the BE Officer Advanced Course, B3OAY43E3X 0A1A, and possession of AFSC 43E2A.
3.4. Experience. The following experience is required for award of the AFSC indicated:
3.4.1. ★For award of AFSC 43E3A, completion of 12 months performing the work typical of a base BE flight or element. Duties prior to attending BE Officer Course can be included in the 12 months of experience based on the discretion of the senior 43E that oversaw assigned duties.
3.4.2. ★The mandatory Active Duty timeline for award of AFSC 43E3A is 48 months time in service (TIS). Failure to accomplish award of 43E3A by 48 months TIS requires waiver approval by the 43E Associate Chief

3.5. Other. The following qualifications are mandatory for entry into these AFSCs:
3.5.1. No record of acrophobia or claustrophobia.
3.5.2. Ability to clearly speak and communicate in the English language.
3.5.3. A valid state driver's license and ability to operate government motor vehicles in accordance with AFI 24-301, *Vehicle Operations.*
3.5.4. Normal color vision and depth perception as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.5. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security.(COMPUSEC)* and 33-152*, User responsibilities and Guidance for Information Systems*
3.5.6. Ability to wear a 40-pound air pack while carrying 40 pounds of equipment in a totally encapsulating chemical protective suit.
3.5.7. Successful medical clearance for enrollment and active participation in the Respiratory Protection Program, IAW AFI 48-137, *Respiratory Protection Program*.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
★A	General	Possess a baccalaureate degree, or higher, from an engineering or industrial hygiene degree program accredited by the Accreditation Board for Engineering and Technology (ABET); or a Master of Science (MS) in radiation health physics; or a Bachelor of Science (BS) degree in chemistry or physics; or an engineering or radiation science program approved by the 43E Associate Chief; or, For graduates of a United States Service Academy, possess a Bachelor of Science (BS) degree in engineering, biology, chemistry, or physics. For all enlisted AFSCs, possess an ABET accredited MS degree from the Air Force Institute of Technology (AFIT) under the Enlisted-to-AFIT (E2A) program as approved by the 43E Associate Chief; or For AFSC 4B071 (Bioenvironmental Engineering Craftsmen), possess a BS, or higher, in the degrees explained in the first paragraph of A-shred (above); or, a BS or MS in a closely related degree with coursework preapproved by the 43E Associate Chief. Coursework must include at least 40 semester hours of math and science. Recommended coursework must demonstrate a strong technical basis and should include selected coursework from the following: Physics (calculus-based), Chemistry, Calculus, Statistics, Analytic Geometry, Elementary Linear Algebra, Differential Equations, Classical/Engineering Mechanics, Statics, Dynamics, Thermodynamics, Mechanics of Materials, Ceramics, Material Science, Circuits, Electromagnetics, Modern Physics, Nuclear Physics, Optics, Human Anatomy and Physiology, Ergonomics, Molecular Biology, Biochemistry, Genetics, Genomics, Organic Chemistry, and other advanced engineering, physics, biology, and chemistry courses all at 200 level or higher.

★B	Industrial Hygiene	Possess an MS or higher in industrial hygiene (occupational health) from an ABET accredited industrial hygiene degree program, or a non-ABET industrial hygiene degree program acceptable to the 43E Associate Chief; or, possess certification by the American Board of Industrial Hygiene (ABIH) as an industrial hygienist.
C	Architecture/Medical Construction	No new accessions as of 1 October 2017.
D	Environmental Engineering and Science	Possess an MS or higher in environmental engineering from an ABET accredited environmental engineering degree program, or an MS in environmental engineering and science from AFIT; or, possess a license as a Professional Engineer qualified in environmental engineering, or certification as a Board Certified Environmental Engineer by the American Academy of Environmental Engineers and Scientists (AAEES) in any specialty (other than industrial hygiene engineering or radiation protection engineering)
★G	Health Physics	Possess an MS or higher in radiation health physics, radiation protection engineering, or another field of radiation science acceptable to the 43E Associate Chief, from an ABET accredited degree program, or a graduate degree program recognized by the Health Physics Society (HPS); or, possess certification as a Diplomate of the American Board of Health Physics (ABHP); or, possess a BS in physics from a service academy or a BS in nuclear engineering from an ABET accredited degree program along with 200 hours of classroom and laboratory training in radiation safety and one year of full-time radiation safety experience; or, obtain written approval from the 43E Associate Chief after providing official college transcripts from a regionally accredited college or university in graduate level physics, engineering, or health sciences courses documenting a grade of "B" or higher in the following four graduate courses: nuclear physics or radiation physics, nuclear instrumentation with laboratory or radiation detection and measurements with laboratory, radiation biology, and applied health physics or applied radiation safety.
★M	Medical Physics	No new accessions as of 1 October 2019.

★**NOTE:** The 1- and 2-skill levels are only authorized with the A suffix.

AFSC 43H4*, Staff
AFSC 43H3*, Qualified
AFSC 43H1*, Entry

PUBLIC HEALTH OFFICER
(Changed 30 Apr 16)

1. Specialty Summary. Applies public health and preventative medicine and medical entomology knowledge, techniques, and skills to promote health and reduce the incidence of communicable/zoonotic/vectorbone diseases, occupational and environmental illnesses and injuries, food borne diseases, and disease and non-battle injuries while in garrison as well as in field conditions. Promotes public health through epidemiological surveillance of health and disease trends in populations, as well as monitoring food safety practices, and sanitation levels in public and food service facilities. Related DoD Occupational Group: 260803.

2. Duties and Responsibilities:

2.1. Develops, plans, and implements public health activities. Conducts preventive medicine communicable disease control, occupational health, food protection (food safety and food defense), and disaster response programs. Establishes and maintains liaison with other medical treatment facility personnel and local public health agencies to ensure an integrated public health program. Advises on public health issues, including manning, and training. Identifies required facilities, personnel, funding, and other resources. Prepares regulations and operating instructions, acquires technical bulletins, and presents training programs to support public health. Evaluates existing public health programs and recommends changes in policies and procedures. Supports Reserve and Guard component units assisting with the determination of program effectiveness and compliance with standards.

2.2. Initiates, directs, and conducts preventive medicine and communicable disease control programs. Applies epidemiological and statistical methods to identify and evaluate factors increasing disease morbidity and mortality. Collects and reviews beneficiary morbidity data to establish baseline data and identify trends. Compares data to local, state, and federal morbidity reports. Notifies the Chief of Aerospace Medicine about trends or outbreaks that may affect the Air Force population. Directs and conducts epidemiological investigations of communicable diseases and food borne disease outbreaks, and makes recommendations to curb and prevent their occurrence. Conducts contact investigations of patients with sexually transmitted infections and active or latent tuberculosis. Monitors the medical facility employee health program and reports compliance to facility leaders. Plans and develops disease vector surveillance program, coordinating efforts with local community programs where possible. Provides communicable disease education to all beneficiaries.

2.3. Directs and conducts food safety and public facility sanitation programs. Evaluates food preparation and storage facilities, distributors, equipment, and sanitary practices to assess compliance with public health standards for construction, cleanliness, personal hygiene, and food safety. Oversees periodic vulnerability assessments of on-base facilities and food supplies, as well as off-base distributors delivering food to Air Force installations. Supervises inspection of government owned and retail sales food to determine origin and wholesomeness. Advises procurement, contracting, and accountable property officers on proper disposition of nonconforming and unwholesome food supplies. Collects food samples for laboratory analyses, ensures appropriate testing is completed, interprets test results, and recommends appropriate food disposition actions. Ensures hazardous or suspect foods identified through Federal recall systems are removed from service and are appropriately processed for final disposition. Supervises or conducts courses in food safety for food service personnel and facility managers to prevent foodborne illnesses. Reviews and coordinates plans for renovation or construction of food serving facilities, commissaries, and warehouses. Inspects or supervises inspections of public facilities such as childcare centers, barber and beauty shops, and gymnasiums.

2.4. Participates in the base Occupational Health Program and Environmental Health Program along with members of Flight and Operational Medicine, Bioenvironmental Engineering, Primary Care, Ground Safety, as well as workplace supervisors and individual workers. Establishes procedures to identify personnel requiring pre-placement, periodic, and termination occupational health medical examinations. Participates in formulating occupational health examination requirements for workers at risk for hazardous exposures. Maintains close liaison with other agencies to develop procedures for prompt identification, investigation, evaluation, mitigation, and reporting of occupational illnesses. Serves as technical advisor to shop supervisors for planning and presenting occupational health education programs. Manages administrative aspects of the Fetal Protection program for active duty and civilian workers.

2.5. Serves as the Installation Medical Intelligence Office and provides medical intelligence to members deploying to exercises and contingencies to reduce disease incidence and promote mission effectiveness. Ensures medical records of deploying members are reviewed and updated by their Primary Care Managers and all required medical tests, health screenings and other preventive medicine measures are completed prior to deployment and after redeployment. Directs public health efforts in deployment settings and field conditions. Advises on issues relating to site selection, field sanitation, disease threats, physical threats such as heat and cold stress, vector and pest hazards, and contamination control procedures. Monitors disease trends and advises on interventions to mitigate endemic and epidemic morbidity. Monitors food procurement, storage and preparation, and training and hygiene of food handlers. Advises food service personnel on protection and disposition of food items subject to nuclear, biological, or chemical contamination, and effects of natural and other peacetime disasters.

2.6. Directs and conducts the force health management program to ensure preventive/periodic health assessments are current for all Service members. Serves as oversight for individual medical readiness administration to accurately document/track medical requirements.
2.7. Ensures the most effective disease vector and pest control capabilities are implemented to prevent adverse effects on personnel, weapons systems, supplies, sustenance, and equipment in combat deployment, disaster relief, or humanitarian operations, and on installations. Surveys for, identifies, and recommends control measures for disease vectors, arthropod pests, and hazardous plants and animals. Maintains liaison with public health organizations, municipal authorities, and other Federal agencies concerning control of diseases or infections transmitted by animals prevalent in off-installation areas to which Air Force personnel are exposed.
2.8. AFSC 43HXE (Medical Entomologist): Subject Matter Expert for developing and sustaining medical entomology and pest management programs at installation, MAJCOM, Air Force, and DoD levels. Formulates policy, plans, and guidance for Integrated Pest Management (IPM) programs and provides IPM technology transfer to the field. Advises and consults on environmental matters regarding vector control and pest management, and formulates policy and guidance in order to balance national defense and environmental stewardship goals. Ensures vector and pest control operations are effective and do not present unacceptable risks to human health and the environment. Determines pest management certification and training requirements, and assists in developing curricula for pest and vector management education. Manages the environmental impact analysis and validation process for aerial application of pesticides to control disease vectors, pest organisms and vegetation, and to treat oil spills in combat areas, on DoD installations or in response to declared emergencies. Engages in laboratory and field research/studies of arthropods, vertebrates, hazardous plants, and other organisms of medical or pest importance. Coordinates pest management and medical entomology activities with military and civilian agencies. Prepares comprehensive interpretive research reports pertaining to medical entomology. Maintains close coordination with DoD medical entomologists, pest managers, natural resource managers, agronomists and related professionals.

3. Specialty Qualifications:
3.1. Knowledge. The following knowledge is mandatory for the AFSCs indicated:
3.1.1. For AFSCs 43HX and 43HXE, knowledge of basic epidemiology, microbiology, food technology and hygiene, communicable diseases, occupational and environmental health, and medical entomology.
3.1.2. For AFSC 43HXE, knowledge of medical entomology, arthropod biology, vertebrate and invertebrate hazards, and Integrated Pest Management principles.
3.2. Education. All degrees must be from accredited institutions and programs, in accordance with AFI 36-2005, *Appointment in Commissioned Grades and Designation and Assignment in Professional Categories* (e.g., Veterinary colleges are accredited by the American Veterinary Medical Association, MPH/MSPH programs are accredited by the Council on Education for Public Health (CEPH) (http://www.ceph.org/)). Applicants must have/maintain a 3.0 GPA or higher on a 4.0 scale for all applicable degrees. For entry into this specialty, the following are mandatory:
3.2.1. Possess either: Doctorate of Veterinary Medicine (DVM/VMD), or Master Degree in Public Health (MPH/MSPH) plus a baccalaureate degree in either nursing (from a nationally accredited baccalaureate degree program in nursing) , biology, entomology, microbiology, or zoology; or
3.2.2. A baccalaureate degree in biology, entomology, microbiology, or zoology, plus a CCAF in Public Health/Environmental Medicine Technology or allied health sciences for enlisted Public Health Technicians. Enlisted applicants must also meet the experience requirement listed in para 3.4.1.
3.2.3. See 43HXE (Medical Entomologist) Specialty Shredout (Paragraph 4.) for specialty qualifications.
3.3. Training. The following training is mandatory for the AFSCs indicated:
3.3.1. For award of AFSC 43H3, completion of the Basic Public Health Officer (PHO) course and the Contingency Preventive Medicine (PCM) course.
3.3.2. For award of AFSC 43H3E, completion of the Basic PHO Course, completion of Operational Entomology Course, CPM and certification as a DoD Pesticide Applicator through a DoD-approved course.
3.4. Experience. The following experience is mandatory for the AFSCs indicated:
3.4.1. For entry (43H1), Enlisted Public Health Technicians must have 7 years of experience in the Public Health career field with 3 years Active Duty or Active Duty equivalent (1095 Reserve points) of duty experience in awarded AFSC 4E071.
3.4.2. For award of AFSC 43H3, a minimum of 24 months on extended active duty filling a RegAF Public Health Officer position.
3.4.2.1. For non-prior service officers, experience count begins on the date of entry to extended active duty.
3.4.2.2. For inter service transfers and enlisted 4E071 commissionees, experience count begins on the date officer reports to their first permanent duty station.
3.4.3. For Air National Guard affiliation, a minimum of 48 months after assignment to their units.
3.4.4. For award of AFSC 43H3E, a minimum of 24 months on active duty filling either a Public Health Officer position or a 43HXE-specific position is required. Time count begins as noted in 3.4.2.1 and 3.4.2.2. above.
3.5. Other.
3.5.1. For Air Force Reserve (AFR) affiliation: must be fully qualified (awarded AFSC 43H3) Public Health Officers to fill 43H1 positions. For 43HxE positions, a minimum of 48 months experience after assignment to the unit/IMA duty position is required for award of AFSC 43H3E.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
E	Medical Entomologist	Possess a Master's Degree or Doctorate in Entomology with a Bachelor's degree in biology, entomology, microbiology, or zoology. Bachelor degrees in other biological sciences, and Master's degrees or Doctorates in disciplines related to, or with emphasis in Entomology will be considered on a case-by-case basis by the Associate Corps Chief. All degrees must emanate from accredited academic institutions/programs in accordance with AFI 36-2005, *Appointment in Commissioned Grades and Designation and Assignment in Professional Categories,* and applicants must have a 3.0 GPA or higher on a 4.0 scale.

AFSC 43P4*, Staff
AFSC 43P3*, Qualified
AFSC 43P1*, Entry

PHARMACIST
(Changed 31 Oct 18)

1. Specialty Summary. Directs and manages the pharmacy department. Develops and coordinates pharmaceutical care activities and ensures prescription dispensing, patient medication counseling, drug regimen reviews, and other related activities are carried out to professional standards. Supervises the preparation of medicines. Manages, supervises and trains pharmacy staff. Advises physicians and other health practitioners on the selection, dosages, interactions, and side effects of medications. Ensures compliance with state, federal and DoD regulations. Serves on various medical treatment facility committees. Supports the readiness mission. Related DoD Occupational Group: 260805.

2. Duties and Responsibilities:
2.1. Plans, organizes, staffs, controls, and directs the pharmacy department according to established policies and procedures. Maintains the facilities of the department. Implements Pharmacy and Therapeutic Committee decisions. Establishes a drug distribution system yielding maximum pharmacy control over requisitioning, storing, and dispensing drugs.
2.2. Screens prescriptions and provider's orders for accuracy, overdoses, drug interactions and therapeutic appropriateness. Dispenses medicines & prescription items, checking regimen and ensuring that medicines are correctly and safely supplied and labeled. Counsels and advises patients on the treatment of disease states and any adverse side-effects of medicines or potential interactions with other medicines or treatments.
2.3. Resolves medication-related problems to ensure a safe and optimal patient outcome; and promote, through criteria based protocols, clinically rational drug therapy and sound pharmaceutical care. Coordinates patient care with other members of the health care team. Initiates consultation requests to other health professionals to provide more comprehensive medication therapy management.
2.4. Conducts and evaluates medication histories, assesses compliance and suggests modifications to achieve desired outcomes; instructs patients in the proper use of prescribed drugs; participates in patient care rounds with multidisciplinary teams to evaluate patient progress. Monitors the health and progress of patients in response to drug therapy.
2.5. Manages, supervises, and trains pharmacy support staff. Provides technical and professional oversight to pharmacy technicians and other subordinate staff. Assigns work to subordinates based on mission requirements.
2.6. Directs procurement, storage, manufacture, distribution, control, and evaluation of drugs. Inspects stock supplies of drugs; maintains an approved stock of antidotes and other emergency drugs. Oversees the manufacture of bulk compounded preparations if their procurement from commercial sources is not possible. Directs operation of the intravenous admixture program. Implements unit dose drug distribution systems. Maintains patient drug profiles.
2.7. Assists leadership with budgeting and financial management. Ensures fiscally sound practices are implemented and followed. Monitors program expenditures accounting for current and future trends. Integrates and defends fiscal and staffing requirements.
2.8. Serves as consultant on pharmaceutical matters for professional staff. Provides a repository of drug information. Communicates essential drug information to patients, physicians, nurses and personnel.
2.9. Participates in and promotes research programs. Supports research related to facility and study objectives.
2.10. Instructs and serves in a teaching capacity to other members of the health care team. Instructs other personnel assigned to health care team on pharmacotherapy programs and other appropriate medical activities and functions.
2.11. Supports the readiness mission. Develops and implements medication use procedures in support of readiness and homeland security/defense. Trains pharmacy and other medical staff in roles pertinent to medication use in garrison and contingency operations.

3. Specialty Qualifications:
3.1. Knowledge. Extensive knowledge of medications, biologics, drug products, medical therapeutics, pharmacokinetics, pathophysiology and interpretation of diagnostic criteria and disease states. Knowledge of customer service, inventory management, and business plans and budgeting is also required.
3.2. Education. For entry into this specialty, must be a graduate of an accredited school of pharmacy recognized by the American Council of Pharmaceutical Education or achieved foreign pharmacy graduate equivalency certification.
3.2.1. For 43P3A: Possess Doctor of Pharmacy (PharmD) degree.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 43P3, a minimum of 24 months experience in pharmacy practice assignments is required.
3.5. Other. The following are mandatory:
3.5.1. Within 12 months of commissioning, a new graduate must obtain a current, valid, active, and unrestricted license issued by a Board of Pharmacy to practice pharmacy in a state or territory of the U.S. or District of Columbia.
3.5.2. For award and retention of AFSC 43P3, must maintain a current, valid, active, and unrestricted pharmacist license and be in good standing with the issuing authority.
3.5.3. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
A	Clinical Pharmacy	Performs in a setting that provides specialized clinical pharmaceutical or medication therapy management services to improve drug usage and therapeutic outcomes.

AFSC 43T3*, Qualified
AFSC 43T1*, Entry

BIOMEDICAL LABORATORY
(Changed 31 Oct 18)

1. Specialty Summary. Manages, directs, supervises, and performs analyses of biologic and related materials in hospital, environmental, occupational, epidemiological, toxicological, or research and development laboratories; and teaches medical laboratory sciences. Related DoD Occupational Group: 260802.

2. Duties and Responsibilities:
2.1. Directs and supervises laboratory services. Serves as Chief of Laboratory Services or as Chief of one or more areas of Laboratory Services. Maintains records and reports on laboratory operations necessary to provide workload accountability. Serves on professional, technical, consultant, and advisory committees to improve working relationships with other staff members and to communicate with biomedical laboratory officers and members of other specialties within the Air Force Medical Service. Participates in meetings of professional societies and symposia and disseminates information obtained to other biomedical science personnel. Manages and conducts quality assurance activities to ensure compliance with accreditation agency standards and improves services. Participates with patient safety programs initiatives to ensure AFMS high reliability organizational goals are met.
2.2. Conducts scientific analyses. Performs and supervises analyses in one or more areas of biomedical laboratory disciplines including clinical chemistry, environmental and industrial hygiene, chemistry, toxicology, microbiology, molecular biology, hematology, coagulation, serology, immunology, blood banking, immunohematology, blood collection, and virology in both the managed care setting and deployed environment.
2.3. Performs specialized duties. Manages and performs the development, evaluation, and application of new, modified, and improved procedures, techniques, and equipment for updating the laboratory services, including data automation and reporting. Responsible for correcting any analytic technical problems within the laboratory. Maintains surveillance of scientific literature, and recognizes need for applying new or improved techniques and procedures. Consults with other medical staff members to determine their requirements for effective patient care. Stays abreast of current Air Force requirements and developments through consultations and meetings with Air Force biomedical laboratory officers and other members of the Air Force Medical Service.
2.4. Performs teaching duties. Teaches and instructs medical and related personnel in both technical and interpretive aspects for a variety of laboratory sciences.
2.5. Establishes and maintains a records management program and quality control commensurate with specified Air Force regulations and requirements set forth by select national accrediting/regulatory agencies. Establishes and maintains the proper use of calibration standards, reference samples, and quality control charts. Applies standard statistical methods to daily laboratory results, and ensures that results are reported only when they conform to predetermined statistical limits and criteria. Participates in recognized proficiency surveys.
2.6. Ensures equipment, apparatus, and other instruments are in correct operating condition. Ensures instruments requiring calibration or other standardization are calibrated and standardized. Ensures faulty equipment, instruments, and apparatus are repaired or replaced. Updates present equipment.
2.7. Supervises military and civilian personnel to include staff development. Develops strategic business plans and manages annual budget and capital resources.
2.8. Functions as a scientist in a research, development, and acquisition setting. Performs duties as principle investigator, research scientist, program manager and acquisition specialist in areas of laboratory science. Involved in the development, testing, and evaluation of new technologies with applications in the clinical laboratory and in all areas of force health protection.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of one or more areas of specialization within the field of biomedical laboratory science.
3.2. Education. The following education is required as indicated:
3.2.1. For entry in AFSC 43T1A, it is mandatory to meet one of the following requirements:
3.2.1.1. A bachelor's degree in medical technology or equivalent and current, valid, and unrestricted certification as a Medical Technologist or Medical Laboratory Scientist from the American Society for Clinical Pathology (ASCP).
3.2.1.2. A baccalaureate degree from a United States Service Academy and certification as a Medical Laboratory Technician from the ASCP.
3.2.1.3. A bachelor's degree and certification as a Medical Laboratory Technician (MLT) from ASCP. MLT's must also possess a Specialist Certification from the ASCP.
3.2.2. For entry into AFSCs 43T1B/C/D/E/F/H, a master's degree or higher or a current, valid, and active specialist certification from the ASCP in the corresponding discipline indicated by the suffix.
3.3. Training. For award of AFSC 43T1A, current, valid, and active certification as a Medical Laboratory Scientist or Medical Technologist by the ASCP is mandatory.
3.4. Experience. For award of AFSC 43T3X, a minimum of 24 months of experience is mandatory in biomedical laboratory assignments.

3.5. Other. Not used.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
A	Biomedical Laboratory Science	Performs and supervises work in any recognized area of clinical laboratory.
B	Microbiology	Performs and supervises microbiology examinations in the medical laboratories. Master's degree in microbiology/ bacteriology or clinical pathology specializing in microbiology is mandatory.
C	Clinical Chemistry	Performs and supervises chemical analyses in medical laboratories. Master's degree in chemistry (including 1 year of biochemistry or clinical chemistry) or clinical pathology specializing in chemistry is mandatory.
D	Environmental and Industrial Hygiene Chemistry	Performs and supervises chemical and other evaluations for the environmental and occupational settings. A master's degree in one of the following scientific disciplines or equivalent experience acceptable to the Surgeon General, HQ USAF, is mandatory: Industrial Hygiene Chemistry, Inorganic Chemistry, Organic Chemistry, or Chemical Toxicology.
E	Blood Bank	Performs and supervises blood bank activities, including collecting, processing, and issuing blood and blood components. Master's degree in immunohematology, clinical pathology specializing in immunohematology, medical technology, completion of the Tri-Service Blood Bank Fellowship, or equivalent experience acceptable to the Surgeon General, HQ USAF, is mandatory.
F	Toxicologist	Performs and supervises chemical and other evaluations in determining and estimating harmful effect of exposure to environmental, occupational, chemical and materials. Master’s degree in Toxicology is desirable.
H	Hematology	Performs and supervises hematology and hemostasis analysis in medical laboratories. A master’s degree in hematology, clinical pathology specializing in hematology, medical technology, or equivalent experience acceptable to the Surgeon General, HQ USAF, is mandatory.

PHYSICIAN UTILIZATION FIELD (44XX)

Introduction
(Changed 30 Apr 16, Effective 4 Mar 16)

The Physician Utilization Field covers the functions of program formulation, policy planning, direction, and professional participation pertinent to maintenance and improvement of health standards. Included in this field are immediate supervisory and technical responsibilities for the prevention, diagnosis, and treatment of physical and mental diseases, disorders, and injuries, involving clinical application of, and research in, such specialized fields of medicine as dermatology, aerospace medicine, psychiatry, radiology, pediatrics, gastroenterology, other phases of surgery, and preventive medicine. This field also includes responsibilities for the development of plans and procedures covering the medical aspects of defense against nuclear, biological, and chemical warfare. Officers in this field command medical installations, units, or activities as stated in AFI 51-604, *Appointment to, and Assumption of, Command*.

Excluded from this utilization field are those functions necessary to support or supplement professional medical care and treatment of patients and which do not require the degree of Doctor of Medicine. These are included in the Dental, Veterinary, Biomedical Sciences, Nurse and Health Services Management Utilization Fields.

Medical officers, immediately upon entering Air Force sponsored residencies, will be awarded the appropriate AFSC for the specialized field of medicine in which they are training.

All other medical officers who have had professional practice or have received intensive formal training in one of the specialized fields of medicine will be assigned the appropriate AFSC on attaining the standards established for that AFSC.

Special Experience Identifiers for the Physician Utilization Field will be designated only after approval of Headquarters Air Force Military Personnel Center, Surgeon. The following is a complete listing of AFSCs for the Physician Utilization Field.

Possession of these AFSCs requires the ability to practice the scope of clinical skills associated with the discipline. Revocation of privileges or any permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119, *Medical Quality Operations*, may call into question the member's ability to retain the AFSC. Requests to remove the AFSC must be accompanied by a commander's letter documenting the revocation, reduction, restriction, or denial of privileges and how this loss of privileges renders the member unable to perform the duties of the AFSC IAW AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted).*

For award and retention of AFSC 44X4, the member must possess and/or be eligible for AFSC 44X3.

AFSC 44A3, Qualified
AFSC 44A1, Entry

CHIEF, HOSPITAL/CLINIC SERVICES
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Plans and administers medical services at base level medical treatment facilities (MTF), including maintenance of health standards, training, and use of personnel. Directs inpatient and outpatient care and services. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Administers medical service policies. Provides guidance for implementing comprehensive programs to continuously improve prevention and treatment of medical disease to ensure maximum personnel wartime readiness and combat capability. Determines personnel, materiel, and facility requirements. Administers operational policies for medical service programs.
2.2. Coordinates medical service programs. Coordinates health service and patient care with military and civilian medical treatment facilities. Participates in meetings of professional societies and clinics. Confers with commanders and staff members concerning establishing, manning, equipping, operating, and training for medical facilities, units, and personnel. Advises commanders on matters affecting health and welfare of personnel.
2.3. Monitors and directs medical service programs. Directs establishment and operation of inpatient and outpatient medical services. Manages assignment of medical officers and enlisted personnel to support medical facility operations. Manages education and training programs for medical officers. Disseminates professional information on new medical concepts, procedures, and techniques. Approves disengagement of patients for Civilian Health and Medical Program of the Uniformed Services (CHAMPUS). Responsible for management and oversight of professional programs to support medical treatment facility accreditation and inspection, including quality assurance and risk management, utilization management, and medical readiness.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy and completion of 1 year of graduate medical education acceptable to the Surgeon General, HQ USAF.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44A3, experience is mandatory in a position with significant responsibility for medical management, including clinical service or department level leadership; or an aggregate of related duties, including work in facility level quality assurance and risk management function or medical staff committees.
3.5. Other. The following are mandatory:
3.5.1. For award and retention of AFSCs 44A3/4:
3.5.1.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.1.2. A state license to practice medicine.
3.5.2. For retention of AFSCs 44A3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44B4 Staff
AFSC 44B3 Qualified
AFSC 44B1 Entry

PREVENTIVE MEDICINE
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Develops, administers, and conducts general preventive medicine and public health programs. Evaluates living and working environments to detect and control health hazards and prevent disease and injury within the Air Force community. Related DoD Occupational Group: 260120.

2. Duties and Responsibilities:
2.1. Provides preventive medicine support. Implements policies and procedures and prepares directives governing preventive medicine, population health and health care optimization. Serves as liaison with federal, state, and local agencies in matters related to preventive medicine. Develops programs to ensure a healthy and fit force for worldwide develops.
2.2. Directs preventive medicine activities. Directs health, education, and control measures for preventable disease and injuries. Assesses living and work environments to ensure healthy communities. Identifies preventive medicine research projects to control communicable and preventable diseases. Directs population health, health care optimization, health promotion, and fitness programs. Provides nutrition guidance, food services sanitation, water supply safety, sewage and waste disposal, immunizations, and other community health issues. Conducts or provides consultation for disease outbreak investigations and health services research.
2.3. Advises medical staff. Provides medical advice and guidance to bioenvironmental engineering, public health, aerospace medicine, and other organizations. Provides epidemiological and health information management expertise for population-based health services and evidence-based medical practice.
2.4. Directs and provides occupational medicine support in the absence of an occupational medicine or aerospace medicine specialist. Determines frequency and scope of occupational medicine exams required by federal regulations and work place exposures. Conducts and supervises placement and periodic health exams for employees. Establishes procedures to identify occupational hazards, to notify appropriate agencies of occupational diseases or injuries, and investigate job related injuries or illness.
2.5. Conducts medical examinations of personnel with special standards of medical care. Provides medical support to operational mission and serves as staff advisor as needed. Develops and manages an aggressive preventive medicine program, including education in healthy life styles.
2.6. Provides medical support during contingency operations. Conducts medical prevention, intervention and evacuation activities during contingency operations. Gathers and utilizes medical intelligence to provide optimal medical support to deployed forces.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and experience requirements satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy, a Master's degree or equivalent in public health, and complete 1 year of graduate medical education in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44B3, completion of residency or fellowship in General Preventive Medicine acceptable to the Surgeon General, HQ USAF is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44B1, current enrollment in a General Preventive Medicine residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44B3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44B3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44D4*, Staff
AFSC 44D3*, Qualified
AFSC 44D1*, Entry

PATHOLOGIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Diagnoses diseases by performing pathological examinations of body tissue; manages clinical laboratory services. Related DoD Occupational Group: 260120.

2. Duties and Responsibilities:
2.1. Diagnoses diseases by performing necropsies and pathological examination of body tissues. Analyzes case histories. Prepares tissues for microscopic examination. Diagnoses nature and source of pathological conditions causing illness and death. Interprets and correlates findings. Prepares diagnostic reports.
2.2. Manages clinical laboratory services. Formulates plans and procedures for clinical laboratory services. Schedules and assigns medical technicians in clinical pathological procedures related to such subjects as hematology, bacteriology, serology, biochemistry, and parasitology. Directs medical officers and technicians in performing such anatomical pathological examinations as biopsies and necropsies involving preparation of tissue for microscopic analysis. Evaluates such laboratory functions as chemical analysis of body fluids and production of antigens and sera. Advises on kind and quantity of medical laboratory supplies and equipment. Coordinates clinical laboratory services with other medical activities. Instructs interns and residents in pathological and clinical pathological laboratory reports. Directs preparation of pathological diagnostic records. Serves as consultant on tissue and clinical pathology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44D3, completion of a residency or fellowship in pathology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44D3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44D1, current enrollment in a pathology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44D1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44D3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44D3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Hematology
B	Cytology
C	Gynecology
D	Forensic
E	Neuropathology
F	Pediatric
G	Transfusion Medicine
K	Dermatology

AFSC 44E4*, Staff
AFSC 44E3*, Qualified
AFSC 44E1*, Entry

EMERGENCY SERVICES PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats initial and acute phase of illnesses and injuries. Directs emergency and related outpatient services. Directs disaster planning, training, and management in the prehospital and hospital access areas. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats illnesses and injuries in the acute care setting. Provides immediate diagnosis and resuscitation care for life-threatening conditions, and directs the provision of such care in the prehospital setting. Provides diagnosis and care on the basis of medical history, physical examination, and diagnostic tests. Provides supportive care to patients with serious medical and surgical conditions until the care of that patient can be assumed by the appropriate specialist for that condition. Provides definitive or interim care for conditions that, while not life-threatening, cause discomfort or risk of worsening to the extent that such care cannot be reasonably delayed until the next available access into a more appropriate source for care.
2.2. Organizes and designs disaster management programs. Works with disaster planning and hospital command personnel to design effective prehospital and initial hospital care and triage activities for disaster and mass casualty situations. Functions as the prehospital care provider and supervisor in disaster and mass casualty situations, and provides triage expertise and immediate care skills at the hospital access level.
2.3. Provides training. Provides training and supervision of nonphysician health care personnel in aspects of prehospital and hospital life-saving care. Provides training to medical and nursing personnel in aspects of resuscitations, including identification and treatment of cardiac, traumatic, and infectious emergencies.
2.4. Directs the operation of hospital emergency care services. Plans and directs the operation of emergency care systems, including prehospital care. Supervises patient care activities of physicians, nurses, technicians, and other staff assigned to that area. Ensures that the emergency care system provides quality care and meets the needs of the patient population it serves. Works with Nursing Services to ensure optimal training and skill performance by all personnel assigned to the emergency services.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and experience requirements partially satisfies the knowledge required. Additional knowledge is mandatory in aspects of injury and illness which are unique to the Air Force and its military mission (chemical, bacteriological, and nuclear injuries, and immediate care of casualties in combat situations); operation of USAF health care delivery system; and needs of population served by these systems.
3.2. Education. For entry into this specialty, a degree of doctor of medicine or doctor of osteopathy from an approved school of medicine and completion of 1 year of graduate medical education in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF, are mandatory.
3.3. Training. For award of AFSC 44E3, completion of an emergency medicine physician course is mandatory.
3.4. Experience. For award of AFSC 44E3A, acceptance by the American Board of Emergency Medicine for examination by completion of either (1) a residency program in emergency medicine, or (2) completion of practical experience and continuing education activities is mandatory.
NOTE: This requirement must be verified by letter of eligibility for examination from the American Board of Emergency Medicine.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44E1, current enrollment in an emergency medicine residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44E3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44E3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Emergency Medicine Specialist

AFSC 44F4*, Staff
AFSC 44F3*, Qualified
AFSC 44F1*, Entry

FAMILY PHYSICIAN
(Changed 30 Apr 18)

1. Specialty Summary. Provides continuing, comprehensive health maintenance and medical care to entire family regardless of sex, age, or type of problem. Directs outpatient and inpatient care and services. Instructs other health care providers and nonmedical personnel. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Maintains a program of comprehensive health for the family unit, to include preventive medicine, behavioral sciences, and community health. Prepares and reviews medical histories and obtains data through interviews. Assembles triages and evacuates sick and wounded personnel. Examines patients, formulates differential diagnostic plans, defines and orders required diagnostic testing. Interprets examination findings and test results, and implements treatment plans. Determines need for consultation and assists in medical care and treatment provided at the direction of other specialists. Manages family practice inpatients, conducts ward rounds, and prescribes inpatient therapy. Participates in surgical, obstetrical, gynecological and critical care procedures according to training and demonstrated ability. Provides supportive and definitive care to patients with serious medical and surgical conditions with appropriate consultation, based on documented and demonstrated proficiency.
2.2. Manages family practice services for the health care of families. Formulates plans and procedures for operating outpatient and inpatient services directed toward health maintenance and ongoing health care of families by a physician who serves as their personal physician. Supervises and certifies the impaneling process of families according to local needs and resources. Schedules activities for the Family Practice Clinic, and assigns medical officers, nurses, and medical technicians. Determines needs for, and advises on kind and quantity of, medical supplies and equipment. Coordinates outpatient and inpatient services with other medical activities. Participates in committee direction of outpatient and inpatient health care services, as well as resource, facility, and logistics management.
2.3. Instructs medical and non-medical personnel. Formulates medical training programs and instructs both medical and nonmedical personnel in a variety of health-related topics, including first-aid measures, basic and advanced cardiac life support, and health care maintenance. May teach family practice residents and medical students at military or affiliated civilian institutions.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine or a doctor of osteopathy degree from an approved school of medicine or osteopathy, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.3. Training. For award of AFSC 44F1, current enrollment in a family practice residency program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. For award of AFSC 44F3, completion of a residency in family practice acceptable to the Surgeon General HQ USAF, or board certification by either the American Board of Family Practice or the Advisory Board of Osteopathic Specialties is mandatory. For award of AFSC 44F3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44F1, current enrollment in a family medicine residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44F1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44F3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44F3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Sports Medicine
B	Obstetrics
C	Pain Management

AFSC 44G4, Staff
AFSC 44G3, Qualified
AFSC 44G1, Entry

GENERAL PRACTICE PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases and injuries; manages outpatient and ward services. Related DoD Occupational Group: 260109.

2. Duties and Responsibilities:
2.1. Manages primary care services. Examines, diagnoses, and treats diseases and injuries. Prepares and reviews case histories and obtains data through interviews. Assembles and evacuates sick and wounded personnel. Examines patients and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Conducts ward rounds and prescribes therapy. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and compresses. Performs minor surgical procedures. Determines need for and assists in specialized medical care and treatment. May be granted additional privileges and responsibilities based on documented advanced proficiency.
2.2. Coordinates medical service programs. Coordinates health service and patient care with military and civilian medical agencies. Participates in meetings of professional societies and clinics. Confers with commanders and staff members concerning manning, equipping, operating, and training of medical installations, facilities, and units. Advises commanders on matters affecting health and welfare of personnel.
2.3. Directs outpatient and ward services. Formulates plans and procedures for outpatient and ward services. Schedules activities and assigns medical officers, interns, nurses, and medical technicians. Advises on kind and quantity of medical supplies and equipment. Coordinates outpatient and ward services with other medical activities. Instructs medical technicians in first-aid measures.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy, and completion of 1 year of graduate medical education in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF, is mandatory.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44G1, current enrollment in a one year internship program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44G3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44G3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44H4, Staff
AFSC 44H3, Qualified
AFSC 44H1, Entry

NUCLEAR MEDICINE PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Uses radionuclides in diagnostic imaging, in treating disease, and for a variety of laboratory procedures. Manages Nuclear Medicine Services. Related DoD Occupational Group: 260128.

2. Duties and Responsibilities:
2.1. Uses radionuclides in diagnostic imaging and in the treatment of disease. Reviews requests for nuclear imaging and therapeutic procedures, and determines applicability of requested procedures. Interviews and examines patients and records supplementary data. Instructs and directs nuclear medicine technologists regarding desired dosages, techniques, positions, and projections. Applies data processing techniques, as indicated. Interprets images and data, and confers with medical and dental officers regarding diagnoses of cases. Prepares comprehensive interpretive reports of findings.
2.2. Uses radionuclides for a variety of laboratory procedures. Uses radionuclides to perform diagnostic studies of blood and urine, including radioimmunoassay, volume and dilution studies, hematological studies, and others. Prepares report of results.
2.3. Manages Nuclear Medicine Services. Formulates plans and procedures for Nuclear Medicine Services. Coordinates nuclear medicine services with other medical activities. Determines capability of available resources, and advises regarding future needs. Ensures quality control of radionuclide preparation, administration, and disposition, and ensures that all activities comply with the standards of the Nuclear Regulatory Commission and the Air Force permit. Establishes and enforces protection standards for patients and personnel. Schedules examinations and assigns personnel. Advises on kind and quantity of nuclear medicine supplies and equipment. Participates in delivery of graduate medical education in nuclear medicine, diagnostic radiology, and other specialties. Serves as consultant in nuclear medicine.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. The following education is mandatory for entry into this specialty:
3.2.1. A doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy.
3.2.2. On a case-by-case basis, completion of an additional residency in diagnostic radiology, internal medicine, pathology, or other specialties, acceptable to the American Board of Nuclear Medicine is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44H3, completion of a residency in nuclear medicine acceptable to the Surgeon General, USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44H1, current enrollment in a nuclear medicine residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44H3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44H3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44J4, Staff
AFSC 44J3, Qualified
AFSC 44J1, Entry

CLINICAL GENETICIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Evaluates, examines, diagnoses and treats genetic diseases and conditions. Manages medical genetics services. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Evaluates, diagnoses, and treats genetic diseases. Prepares and reviews case histories and clinical records. Interviews patients or parents to obtain clinical and family histories and constructs pedigrees. Examines patients, determines need for laboratory or other testing, and interprets pedigrees, examination findings and test results. Counsels patients or parents on recurrence risks and availability of prenatal diagnosis.
2.2. Manages medical genetics services. Formulates plans and procedures for medical genetics services. Schedules use of medical genetics clinics, facilities, and laboratories and assigns nurses, nurse practitioners, genetic counselors, medical technicians, and genetic laboratory personnel. Advises on type and quantity of supplies and equipment. Coordinates medical genetics services with other medical activities. Instructs interns and residents in methods and procedures for diagnosis and management of genetic disorders.
2.3. Serves as consultant on genetic conditions and diseases.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not Used.
3.4. Experience. For award of AFSC 44J3, completion of a residency or fellowship in medical genetics acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44J1, current enrollment in a genetics residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44J3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44J3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44K4*, Staff
AFSC 44K3*, Qualified
AFSC 44K1*, Entry

PEDIATRICIAN
(Changed 30 Apr 18)

1. Specialty Summary. Examines, diagnoses, and treats diseases and injuries of infants and children. Manages pediatric services. Related DoD Occupational Group: 260121.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases and injuries of infants and children, extending into young adulthood. Prepares and reviews case histories and clinical records of infants and children. Examines patients, determines need for x-ray examinations and clinical laboratory tests, and interprets examination findings and test results. Prescribes pediatric treatment.
2.2. Manages pediatric services. Formulates procedures for pediatric services. Schedules use of diagnostic and treatment facilities and assigns nurses and medical technicians. Advises on types and quantity of pediatric supplies and equipment. Coordinates pediatric services with other medical activities. Instructs interns and residents in procedures for diagnosis and treatment of diseases and injuries of infants and children. Serves as consultant on pediatrics.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44K3, completion of a residency or fellowship in pediatrics acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44K3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44K1, current enrollment in a pediatrics residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44K1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44K3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44K3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Adolescent Medicine
B	Cardiology
C	Developmental Pediatrics
D	Endocrinology
E	Neonatology
F	Gastroenterology
G	Hematology
H	Neurology
J	Pulmonology
K	Infectious Diseases
M	Nephrology
N	Child Abuse
P	Sleep Medicine

AFSC 44M4*, Staff
AFSC 44M3*, Qualified
AFSC 44M1*, Entry

INTERNIST
(Changed 30 Apr 18)

1. Specialty Summary. Diagnoses diseases and renders nonsurgical care; provides consultation in complex cases. Manages internal medicine services. Related DoD Occupational Group: (see shredout explanation.)

2. Duties and Responsibilities:
2.1. Diagnoses and treats diseases. Prepares and reviews case histories and clinical records. Performs and directs diagnostic procedures, including x-ray examinations and clinical laboratory tests. Interprets test results and evaluates examination findings. Prescribes such treatment for internal diseases as drugs, physical therapy, and dietary regimens.
2.2. Manages internal medicine services. Formulates plans and procedures for internal medicine services. Schedules use of internal medicine clinics and diagnostic facilities and assigns nurses and medical technicians. Advises on type and quantity of supplies and equipment. Coordinates internal medicine services with other medical activities. Instructs interns and residents in procedures and methods of internal medicine. Serves as consultant on internal diseases.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44M3, completion of a residency or fellowship in internal medicine acceptable to the Surgeon General, USAF, is mandatory. For award of AFSC 44M3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44M1, current enrollment in an internal medicine residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44M1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44M3/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44M3/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Oncology (DoD Occ Code: 260144)
B	Cardiology (DoD Occ Code: 260142)
C	Endocrinology (DoD Occ Code: 260145)
D	Gastroenterology (DoD Occ Code: 260141)
E	Hematolgy (DoD Occ Code: 260105
F	Rheumatology (DoD Occ Code: 260105)
G	Pulmonary Diseases (DoD Occ Code: 260105)
H	Infectious Diseases (DoD Occ Code: 260105)
J	Nephrology (DoD Occ Code: 260105)
K	Geriatrics/Palliative Care Medicine (DoD Occ Code: 26010)
L	Sleep Medicine (DoD Occ Code: 26010)

AFSC 44N4*, Staff
AFSC 44N3*, Qualified
AFSC 44N1*,Entry

NEUROLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Examines, diagnoses, and treats diseases and disorders of the nervous system. Manages neurological services. Related DoD Occupational Group: 260113.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats neurological diseases and disorders. Prepares and reviews case histories and obtains data through interviews. Examines patients, determines need for clinical laboratory tests, and interprets examination findings and test results. Prescribes neurological treatment.
2.2. Manages neurological services. Formulates plans and procedures for neurological services. Schedules use of diagnostic and treatment facilities and assigns nurses, physical therapists, occupational therapists, and medical technicians. Advises on kind and quantity of neurological supplies. Coordinates neurological services with other medical activities. Instructs interns and residents in neurological techniques. Supervises medical technicians in operation of, and serves as consultant on electroencephalographic apparatus and other neurological diagnostic and therapeutic equipment.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44N3, completion of a residency or fellowship in neurology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44N3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44N1, current enrollment in a neurology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44N1X, current enrollment in a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF
3.5.2. For award and retention of AFSCs 44N3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44N3/4 and 44N3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredout:

Suffix	*Portion of AFS to Which Related*
A	Sleep Medicine

AFSC 44O4, Staff
AFSC 44O3, Qualified

PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Plans and administers medical services, policies or programs in leadership or staff positions requiring a physician, but not a specific physician specialty.

2. Duties and Responsibilities:
2.1. Utilizes physician expertise in a variety of settings to develop and direct medical policies, programs and services.
2.2. Plans and prepares for medical operations. Develops and administers medical policies. Determines the personnel, equipment, training, and facilities required to establish and sustain medical programs or operations.
2.3. Oversees medical operations and leads medical personnel. Performs, supervises, and directs the delivery of clinical services in inpatient and outpatient settings. Coordinates, directs, and monitors process improvement initiatives and health promotion programs.
2.4. Develops, manages, and conducts education and training programs for medical personnel.
2.5. Advises commanders and other leaders on programs impacting the health and welfare of personnel.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. For award and retention of AFSCs 44O3/4:
3.5.1. Possession of a qualified (3-qualification level) or staff (4-qualification level) in AFSCs 44XX, 45XX, or 48XX is mandatory.
3.5.1.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.1.2. A state license to practice medicine.
3.5.2. For retention of AFSCs 44O3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44P4*, Staff
AFSC 44P3*, Qualified
AFSC 44P1*, Entry

PSYCHIATRIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, evaluates, diagnoses, and treats psychiatric disorders; manages and directs psychiatric services. Related DoD Occupational Group: 260125.

2. Duties and Responsibilities:
2.1. Examines, evaluates, diagnoses, and treats psychiatric disorders. Prepares and reviews case histories and obtains and evaluates data through interview techniques. Diagnoses psychiatric disorders. Prescribes and evaluates effectiveness of a wide range of therapeutic measures. Recommends disposition of psychiatric cases.
2.2. Manages and directs psychiatric services. Formulates plans for psychiatric services. Directs mental health clinics. Advises on problems related to mental health and prevention of mental disorders. Serves as medical and psychiatric consultant to clinical psychologists and clinical social workers. Assigns psychiatric nurses and technicians to functions contributing to the diagnosis and treatment of patients. Advises on kind and quantity of psychiatric supplies and equipment. Coordinates psychiatric services with other medical activities. Instructs interns and residents in psychiatric principles and procedures. Serves as consultant on psychiatry.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44P3, completion of residency or fellowship in psychiatry acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44P3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44P1, current enrollment in a psychiatry residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44P1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44P3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44P3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Child Psychiatry
B	Forensic Psychiatry

AFSC 44R4*, Staff
AFSC 44R3*, Qualified
AFSC 44R1*, Entry

DIAGNOSTIC RADIOLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Makes and interprets diagnostic images; performs special procedures. Manages radiological services. Related DoD Occupational Group: 260127.

2. Duties and Responsibilities:
2.1. Makes and interprets diagnostic images. Reviews requests for x-ray, nuclear radiology, ultrasound, Magnetic Resonance Imaging (MRI), Magnetic Resonance Angiography (MRA) and other diagnostic imaging procedures, and determines applicability of requested procedures. Interview patients as necessary, and records supplementary data. Instructs radiologic personnel in desired techniques, positions, and projections. Interprets images and confers with medical and dental officers regarding diagnoses of cases. Prepares comprehensive interpretive reports of findings.
2.2. Performs special procedures. Recommends and performs special imaging procedures, including fluoroscopy, tomography, angiography, nuclear imaging, ultrasound, and computed tomography, MRI and MRA, with limitations of available resources and expertise. Determines need for referral of cases that are not within local capability. Performs and interprets procedures, and prepares comprehensive interpretive report of findings.
2.3. Manages radiological services. Formulates plans and procedures for radiological services. Coordinates radiological services with other medical activities. Determines capability of available resources, and advises regarding future needs. Assures adequate quality control of images. Establishes and enforces standards for protection of patients and personnel. Schedules examinations and assigns radiologic personnel. Advises on kind and quantity of radiological supplies and equipment. Participates in the delivery of graduate medical education in radiology. Serves as consultant in radiology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44R3, completion of a residency in radiology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44R3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44R1, current enrollment in a radiology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 44R1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44R3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44R3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Neuroradiology
B	Special Procedures
C	Pediatric
D	Nuclear Medicine
E	Musculoskeletal
F	Magnetic Resonance Imaging (MRI)
G	Body Imaging
H	Cardiothoracic Imaging
J	Women's Imaging

AFSC 44S4*, Staff
AFSC 44S3*, Qualified
AFSC 44S1*, Entry

DERMATOLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Examines, diagnoses, and treats diseases of skin. Manages dermatological services. Related DoD Occupational Group: 260107.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases of the skin. Prepares and reviews case histories and clinical records. Examines patients, performs biopsies, and other diagnostic techniques of dermatology, and determines requirements for clinical laboratory tests. Interprets test results and evaluates examination findings. Prescribes treatment, including x-ray therapy, physical therapy, and medication.
2.2. Manages dermatological services. Formulates plans and procedures for dermatological services. Schedules operation of diagnostic and treatment facilities and assigns nurses, physical therapists, x-ray therapists, and other medical technicians. Advises on types and quantity of dermatological supplies and equipment. Coordinates dermatological services with other medical activities. Instructs interns and residents in methods and procedures for diagnosis and treatment of dermatological diseases. Serves as consultant on dermatology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of the education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44S3, completion of a residency in dermatology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 44S3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44S1, current enrollment in a dermatology residency program acceptable to the Surgeon General, HQ USAF. For award of AFSC 44S1X, current enrollment in a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5.2. For award and retention of AFSCs 44S3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44S3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Dermatologic Surgery
B	Dermatopathology
C	Pediatric Dermatology

AFSC 44T4, Staff
AFSC 44T3, Qualified
AFSC 44T1, Entry

RADIOTHERAPIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Participates in the multi-disciplinary management of cancer patients. Evaluates patients to determine suitability for radiation therapy. Treats pathological conditions with various types and sources of radiation. Manages radiotherapy services. Related DoD Occupational Group: 260127.

2. Duties and Responsibilities:
2.1. Provides consultation regarding cancer management. Consults with other medical officers in the diagnosis, staging, treatment, and follow-up of patients with malignant diseases. Interview and examines patients. Reviews radiographic and other imaging studies, laboratory data, histopathological slides, and other diagnostic information. Determines and advises regarding suitability for radiation therapy.
2.2. Provides radiation therapy. Administers various types of radiation, or supervises its administration, to carefully determined areas of the body, with due consideration for the tolerance of various tissues and volumes. Selects the most appropriate technique or modality, including external beam therapy with photons or particles at various energies, surface applications, intracavitary applications, or interstitial applications. Determines daily and total radiation dose and maintains records of all therapy administered. Instructs radiologic personnel in proper patient positioning, beam alignment, field setup, and treatment areas. Monitors clinical response during therapy. Conducts and advises as to follow-up evaluations.
2.3. Manages radiotherapy services. Formulates plans and procedures for management of radiotherapy services. Coordinates radiotherapy services with other medical activities. Schedules patient visits and treatments. Assigns radiologic personnel and other personnel. Advises on kind and quantity of radiotherapy equipment needed. Participates in the delivery of continuing medical education in radio therapy for physicians and other personnel. Serves as consultant in radiotherapy.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of requirement in 3.2 below satisfies this requirement.
3.2. Education. A doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory for entry into this AFSC.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44T3, completion of a residency in radiotherapy acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44T1, current enrollment in a radiotherapy residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44T3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44T3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44U4, Staff
AFSC 44U3, Qualified
AFSC 44U1, Entry

OCCUPATIONAL MEDICINE
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Administers occupational medicine program; provides urgent and non-urgent outpatient medical care to authorized DoD affiliated personnel and selected active duty personnel with special standards of medical qualification. Evaluates working environments to detect and control health hazards and prevent disease and injury within the work environment. Related DoD Occupational Group: 260100.

2. Duties and Responsibilities:
2.1. Provides occupational medicine clinical and administrative support. Maintains a program dedicated to job related outpatient clinical services and workplace safety. Schedules activities for Occupational Medicine Clinic, and assigns medical technicians. Determines need for, and advises on kind and quality of, medical supplies and equipment. Coordinates patient referral to other medical providers and families. Manages return to work programs and surveillance examination requirements as determined by federal law. Establishes procedures to identify occupational hazards, to notify appropriate agencies of occupational disease or injuries, and to investigate job related injuries and illnesses. Serves as liaison with federal, state, and local agencies in matters related to occupational medicine.
2.2. Directs preventive medicine activities. Directs health education and control measures for preventable diseases and injuries. Identifies occupational medicine research needs. Develops and implements research projects to control communicable and preventable diseases. Provides guidance on nutrition, food service sanitation, water supply safety, sewage and waste disposal, immunizations, and other community health issues.
2.3. Advises medical staff on occupationally unique exposures, patient management and treatment. Provides medical advice and guidance to bioenvironmental engineering, public health, and other organizations.
2.4. Directs and provides occupational medicine support. Determines frequency of and space for occupational medicine exams required by federal regulations and work place exposures. Develops and maintains professional standards for occupational illness and injury care using AHCPR, ACOEM, or other professional society guidelines as appropriate. Advises line management on workers' fitness for duty according to 5 CFR, Part 339. Provides recommendations to Department of Labor on workers' compensation claims, and to the Social Security Administration regarding disability retirement applications. Attends Federal Employee Compensation Act (FECA) working groups as required. Reviews occupational injury and illness data obtained from other facility care providers.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and experience requirements satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy, a Master's degree or equivalent in public health, and complete 1 year of graduate medical education in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44U3, completion of a residency in occupational medicine acceptable to the Surgeon General HQ USAF, or board certification in Occupational Medicine by the American Board of Preventive Medicine is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44U1, current enrollment in an occupational medicine residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44U3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44U3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 44Y4*, Staff
AFSC 44Y3*, Qualified
AFSC 44Y1*, Entry

CRITICAL CARE MEDICINE
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats, by surgical and nonsurgical means, diseases and injuries in critical care units. Manages critical care activities. Related DoD Occupational Group: 260105

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases and injuries by surgical and nonsurgical means. Prepares and reviews case histories and obtains data through interviews. Examines patients and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Prescribes treatment, such as drugs, physical therapy, dietary regimens, and surgical procedures for diseases and injuries. Coordinates treatment with other specialists. Treats patients suffering from surgical shock, postoperative hemorrhages, respiratory failure, and other complications.
2.2. Manages critical care activities. Formulates plans and procedures for critical care activities. Schedules use of critical care facilities and assigns nurses and medical technicians. Advises on type and quantity of supplies and equipment. Coordinates critical care with other medical activities. Instructs residents in critical care. Serves as consultant on critical care.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirements satisfies this requirement.
3.2. Education. The following education is mandatory for entry into this specialty:
3.2.1. A doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy.
3.2.2. Board eligibility in a basic specialty (surgery, anesthesiology, pediatrics, or internal medicine).
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44Y3/A, completion of a fellowship in critical care medicine, or equivalent, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44Y1/A, current enrollment in a critical care medicine or equivalent residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44Y3/A and 44Y4/A:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44Y3/A and 44Y4/A, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Pediatrics

AFSC 44Z4, Staff
AFSC 44Z3, Qualified
AFSC 44Z1, Entry

ALLERGIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, performs diagnostic tests, and treats allergic disorders. Manages allergy services. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats allergic diseases. Prepares and reviews case histories and obtains data through interviews. Examines patients and determines required x-ray examinations, clinical laboratory tests, and diagnostic challenge tests (dermal on inhalation or ingestion). Interprets tests results and evaluates findings. Prescribes specific medications, diets, and immunotherapy and overseas nursing personnel in injection therapy. In emergencies, treats patients suffering from anaphylactic shock, angioedema, urticaria, bronchospasm, and other severe allergic diseases.
2.2. Manages allergy services. Formulates plans and procedures for allergy services, schedules clinic and allergic testing, and assigns nurses and medical technicians. Advises on kind and quantity of allergy supplies and equipment. Coordinates allergy services with other medical activities. Instructs interns, residents, and fellows in allergy procedures. Serves as consultant on allergy.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine or a doctor of osteopathy degree from a recognized school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 44Z3, completion of a fellowship in allergy acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 44Z1, current enrollment in an Allergy fellowship program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 44Z3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 44Z3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

SURGERY UTILIZATION FIELD (45XX)

Introduction
(Changed 30 Apr 16, Effective 4 Mar 16)

The Surgery Utilization Field covers the functions of program formulation, policy planning, direction, and professional participation pertinent to maintenance and improvement of health standards and aerospace medicine. Included in this field are the areas of anesthesiology, orthopedic, ophthalmology, obstetrics and gynecology, otorhinolaryngology, physical medicine, surgery, and urology. Officers in this field command medical installations, units, or activities as stated in AFR 51-604, *Appointments to, and Assumption of, Command*. The following is a complete listing of AFSCs for the Surgery Utilization Field.

Possession of these AFSCs requires the ability to practice the scope of clinical skills associated with the discipline. Revocation of privileges or any permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119, *Medical Quality Operations*, may call into question the member's ability to retain the AFSC. Requests to remove the AFSC must be accompanied by a commander's letter documenting the revocation, reduction, restriction, or denial of privileges and how this loss of privileges renders the member unable to perform the duties of the AFSC IAW AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted).*

For award and retention of AFSC 45X4, the member must possess and/or be eligible for AFSC 45X3.

AFSC 45A4* Staff
AFSC 45A3* Qualified
AFSC 45A1* Entry

ANESTHESIOLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Administers general and local anesthetics; manages anesthesiological services. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Administers general and local anesthetics. Determines anesthetics to be used, considering such factors as patient's condition and operation to be performed. Records observations while administering such anesthetics as ether, sodium pentathol, and nitrous oxide. Coordinates administration of anesthetics with surgeons during operation. Maintains life support.
2.2. Manages anesthesiological services. Formulates plans and procedures for anesthesiological services. Assigns nurses and medical technicians. Advises on kinds and quantity of anesthesiological supplies and equipment. Schedules use and provides for maintenance of surgical suite, including operating, wash-up, and waiting rooms and anesthetic and sterilizing equipment. Coordinates anesthesiological services with other medical activities. Instructs personnel in methods and procedures for administering anesthetics. Serves as consultant on anesthesiology. Also serves as consultant for respiratory physiology problems and ventilator management for intensive care facilities.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 45A3, completion of a residency or fellowship in anesthesiology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45A3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45A1, current enrollment in an anesthesiology residency program acceptable to the Surgeon General, HQ USAF. For award of AFSC 45A1X, current enrollment in a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5.2. For award and retention of AFSCs 45A3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45A3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Cardiothoracic
B	Pain Management

AFSC 45B4*, Staff
AFSC 45B3*, Qualified
AFSC 45B1*, Entry

ORTHOPEDIC SURGEON
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases and injuries of musculoskeletal system by surgical and conservative means. Manages orthopedic surgery services. Related DoD Occupational Group: 260132.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases and injuries of musculoskeletal system by surgical and conservative means and application of corrective mechanical devices. Prepares and reviews case histories and obtains data through interviews. Examines patients and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Determines procedures for preoperative and postoperative care such as administering sedatives, prescribing diets, and preparing operative area of patients. Applies surgical procedures and coordinates operation with anesthesiologist. Reduces and immobilizes fractures by open or closed methods, using such corrective devices as braces, casts, and splints. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and compresses. Treats patients suffering from surgical shock, postoperative hemorrhage, and other complications.
2.2. Manages orthopedic surgery services. Formulates plans and procedures for orthopedic surgery services. Schedules operations and assigns surgeons, nurses, and medical technicians. Directs nurses in procedures for preoperative and postoperative care and operating room techniques. Advises on kind and quantity of orthopedic supplies and equipment. Coordinates orthopedic surgery services with other medical activities. Instructs interns and residents in orthopedic surgery procedures. Serves as consultant on orthopedics.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not Used.
3.4. Experience. For award of AFSC 45B3, completion of a residency or fellowship in orthopedic surgery acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45B3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45B1, current enrollment in an orthopedic surgery residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 45B1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45B3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45B3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Hand Surgery
B	Pediatrics
D	Sports Medicine
E	Spine Surgery
F	Oncology
G	Replacement Arthroplasty
H	Traumatology

AFSC 45E4*, Staff
AFSC 45E3*, Qualified
AFSC 45E1*, Entry

OPHTHALMOLOGIST
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats, by surgical and conservative means, injuries and disorders of the eye. Manages ophthalmologic services. Related DoD Occupational Group: 260117.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases and injuries of the eye. Provides care in inpatient and outpatient settings. Evaluates medical and surgical histories. Assesses visual and refractive status, measures intraocular pressure, and examines the eye and adnexa. Performs necessary diagnostic procedures and clinical tests. Interprets results, determines treatment plan, and discusses with patient. Coordinates preoperative evaluation. Performs local anesthesia and surgical procedures. Prescribes and administers various ocular and systemic medications. Performs laser surgery.
2.2. Manages ophthalmological services. Formulates plans and procedures for ophthalmological services. Schedules operations and assigns nurses and medical technicians in such functions as refracting eyes and prescribing glasses. Directs nurses in procedures for preoperative and postoperative care and in operating room techniques. Advises on kind and quantity of ophthalmological supplies and equipment. Coordinates ophthalmological services with other medical activities. Instructs interns and residents in ophthalmological procedures. Serves as consultant on ophthalmology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 45E3, completion of a residency of fellowship in Ophthalmology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45E3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45E1, current enrollment in an ophthalmology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 45E1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45E3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45E3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Oculoplastics
B	Comea/External Disease
C	Glaucoma
D	Neuro-Opthalmology
E	Pathology
F	Strabismus/Pediatrics
G	Vitreous/Retina

AFSC 45G4*, Staff
AFSC 45G3*, Qualified
AFSC 45G1*, Entry

OBSTETRICIAN AND GYNECOLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Prescribes prenatal and postnatal care; performs deliveries in maternity cases. Treats diseases and injuries of female reproductive system by surgical and conservative means. Manages obstetrical and gynecological services. Related DoD Occupational Group: 260115.

2. Duties and Responsibilities:
2.1. Prescribes prenatal and postnatal care, performs deliveries in maternity cases, and treats diseases and injuries of female reproductive system. Prepares and review case histories and obtains data through interviews. Examines patients and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Prescribes prenatal and postnatal care, including diets and medication. Directs nurses in procedures for preoperative and postoperative care such as administering sedatives, prescribing diets, and preparing operative area of patients. Applies surgical procedures and coordinates gynecological and obstetrical operations with anesthesiologist. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and compresses. Treats patients suffering from surgical shock, postoperative hemorrhages, and other complications.
2.2. Manages obstetrical and gynecological services. Formulates plans and procedures for obstetrical and gynecological services. Schedules operation of obstetrical and gynecological services with other medical activities. Instructs interns and student residents in obstetrical and gynecological procedures. Serves as consultant on obstetrics and gynecology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not Used.
3.4. Experience. For award of AFSC 45G3, completion of a residency or fellowship in obstetrics and gynecology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45G3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45G1, current enrollment in an obstetrics and gynecology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 45G1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45G3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45G3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Endocrinology
B	Oncology
D	Maternal-Fetal Medicine
E	Urogynecology/Pelvic Reconstructive Surgery
F	Minimally-Invasive Gynecologic Surgery (MIGS)

AFSC 45N4*, Staff
AFSC 45N3*, Qualified
AFSC 45N1*, Entry

OTORHINOLARYNGOLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Examines, diagnoses, and treats, by surgical and other means, injuries and disorders of head and neck. Manages otorhinolaryngological services. Related DoD Occupational Group: 260119.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats, by surgical and other means, injuries and disorders of head and neck. Prepares and reviews case histories and obtains data through interviews. Examines patients and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Determines procedures for preoperative and postoperative care such as administering sedatives, prescribing diets, and preparing operative area of patients. Applies surgical procedures and coordinates operations with anesthesiologist. Administers and prescribes such measures of treatment as antibiotics, drugs, and compresses. Treats patients suffering from surgical shock, postoperative hemorrhages, and other complications.
2.2. Manages otorhinolaryngological services. Formulates plans and procedures for otorhinolaryngological services. Schedules operations and assigns surgeons, nurses, and medical technicians. Directs nurses in procedures for preoperative and postoperative care and operating room techniques. Advises on types and quantity of otorhinolaryngological supplies and equipment. Coordinates otorhinolaryngological services with other professional medical activities. Instructs interns and residents in techniques of head and neck surgery. Serves as consultant on head and neck surgery.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience.
3.4.1. For award of AFSC 45N3, completion of a residency or fellowship in otorhinolaryngology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45N3X, completion of suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45N1, current enrollment in a suffix related residency program acceptable to the Surgeon General, HQ USAF. For award of AFSC 45N1X, current enrollment in a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5.2. For award and retention of AFSCs 45N3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45N3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Otology/Neurotology
B	Head &Neck Surgical Oncology
C	Pediatric Otolaryngology
D	Facial Plastic Surgery
E	Rhinology & Cranial Base Surgery
F	Laryngology
G	Sleep Surgeon

AFSC 45P4, Staff
AFSC 45P3, Qualified
AFSC 45P1, Entry

PHYSICAL MEDICINE PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats disabling conditions. Manages physical medicine and rehabilitation services. Related DoD Occupational Group: 260105.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats disabilities. Prepares and reviews case histories and clinical records. Examines patients and provides medical management for musculoskeletal trauma, disabling pain, deformity or amputation, peruses, contractures, deconditioning, spacticity, dysphagia, decubiti, bowel incontinence, and other disabling conditions. Prescribes electrotherapy, ultrasonography, heat and cold therapy, hydrotherapy, debridement, short-wave and microwave diathermy, infrared and ultraviolet radiation, and orthotic and prosthetic applications. Performs electrodiagnosis, including electromyography, nerve conduction studies, and somatosensory evoked potentials. Consults and coordinates with physical and occupational therapists, speech pathologists, neuropsychologists, behavioral psychologists, social workers, and medical technicians.
2.2. Instructs interns and residents in the diagnosis and treatment of physically disabling temporary and permanent conditions. Serves as a consultant on physical medicine and rehabilitation.
2.3. Formulates plans and procedures for physical medicine services. Schedules diagnostic and treatment facilities. Prescribes for and directs rehabilitation nurses. Advises on types and quantity of physical medicine and rehabilitation equipment and supplies. Coordinates physical medicine and rehabilitation services with other medical activities.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 45P3, completion of a residency or fellowship in physical medicine and rehabilitation acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45P1, current enrollment in a physical medicine residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45P3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45P3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 45S4*, Staff
AFSC 45S3*, Qualified
AFSC 45S1*, Entry

SURGEON
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Examines, diagnoses, and treats, by surgical and conservative means, diseases and injuries. Manages surgery services. Related DoD Occupational Group: 260130.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats by surgical means, diseases, and injuries. Prepares and reviews case histories and obtains data through interviews. Examines patient and determines x-ray examinations and clinical laboratory tests required. Interprets test results and evaluates examination findings. Determines procedures for preoperative and postoperative care, such as administering sedatives, prescribing diets, and preparing operative area of patient. Coordinates surgical operation with anesthesiologist. Applies surgical procedures and assists specialists in performing surgery including thoracic, plastic, brain, and orthopedic. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and compresses. Treats patients suffering from surgical shock, postoperative hemorrhages, and other complications.
2.2. Manages surgery services. Formulates plans and procedures for surgery services. Schedules operations and assigns surgeons, nurses, and medical technicians. Directs nurses in procedures for preoperative and postoperative care of patients and operating room techniques. Advises on kind and quantity of supplies and equipment. Coordinates surgery services with other medical activities. Instructs interns and residents in surgical procedures. Serves as consultant on surgery.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 45S3, successful completion of a residency or fellowship in surgery acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45S3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45S1, current enrollment in a surgery residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 45S1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45S3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45S3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Thoracic
B	Colon and Rectal
C	Cardiac
D	Pediatric
E	Peripheral Vascular
F	Neurological
G	Plastic
H	Oncology
K	Trauma/Critical Care

AFSC 45U4*, Staff
AFSC 45U3*, Qualified
AFSC 45U1*, Entry

UROLOGIST
(Changed 30 Apr 18)

1. Specialty Summary. Examines, diagnoses, and treats, by surgical and conservative means, injuries and disorders of the genitourinary tract. Manages urological surgery services. Related DoD Occupational Group: 260136.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats, by surgical means, injuries and disorders of the genitourinary tract. Prepares and reviews case histories and obtains data through interviews. Examines patients and determines x-ray examinations and laboratory tests required. Interprets test results and evaluates examination findings. Directs nurses in procedures for preoperative and postoperative care such as administering sedatives, prescribing diets, and preparing operative area of patient. Applies surgical procedures and coordinates operation with the anesthesiologist. Administers and prescribes such conservative measures of treatment as antibiotics, drugs, and compresses. Treats patients suffering from surgical shock, postoperative hemorrhages, and other complications.
2.2. Manages urological surgery services. Formulates plans and procedures for urological service. Schedules operations and assigns surgeons, nurses, and medical technicians. Advises on kind and quality of urological surgery services with other medical activities. Instructs interns and residents in urological surgery procedures. Serves as consultant on urology.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education requirement satisfies this requirement.
3.2. Education. For entry into this specialty, a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy is mandatory.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 45U3, completion of a residency or fellowship in urology acceptable to the Surgeon General, HQ USAF, is mandatory. For award of AFSC 45U3X, completion of a suffix-specific fellowship program acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSC 45U1, current enrollment in an urology residency program acceptable to the Surgeon General, HQ USAF. For entry and retention of AFSC 45U1X, current enrollment in a suffix-specific residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 45U3X/4X:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice medicine.
3.5.3. For retention of AFSCs 45U3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Pediatrics
B	Oncology
D	Endourology/Robotics
E	Female Urology/Reconstruction

NURSE UTILIZATION FIELD (46XX)

Introduction
(Changed 31 Oct 14, Effective 18 Aug 14)

The Nurse Utilization Field encompasses the functions of planning, organizing, controlling, coordinating, executing, and evaluating nursing activities. This includes Registered Nurses (RN) providing direct patient care; supervising ancillary nursing service personnel; participating in education and training activities; and in research for the improvement of patient care. The field also includes Advanced Practice Registered Nurses (APRN) functioning in expanded roles and as privileged health care providers to provide care in ambulatory and inpatient settings. In non-direct patient care roles reviews, recommends changes, and develops policy and operational guidance pertaining to nursing or related areas such as case/disease management, health care integration, population health, disease/injury, or clinical informatics. Participates in developing and implementing command programs and technical inspections. Participates in studies, consultative visits, and evaluative surveys within the range of Air Force Medical Service activities. Represents nursing interests, concerns, and support in health care planning, training, and research. May serve as advisor to the command surgeon or the Surgeon General, HQ USAF, on nursing-related issues.

AFSC 46A4, Staff
AFSC 46A3, Qualified
AFSC 46A1, Entry

NURSING ADMINISTRATOR
(Changed 31 Oct 18, Effective 03 Jul 18)

1. Specialty Summary. Plans, organizes, executes, and directs nursing care practices. Serves as Chief Nurse, Squadron Commander or senior staff officer. Coordinates with and makes recommendations to staff agencies concerning nursing policies, plans and programs. Supports cross-functional collaboration to improve patient care delivery. Supports research activities. Related DoD Occupational Group: 260501.

2. Duties and Responsibilities:
2.1. Performs Chief Nurse duties. Directs nursing service activities within area of responsibility. Evaluates qualifications and maintains functional control of Air Force Nurse Corps officers, enlisted nursing personnel, civilian nurses, and ancillary nursing personnel providing nursing care according to established scope of practice and applicable federal/state laws. Advises MTF commander on nursing issues. Establishes, interprets and directs implementation of nursing policy. Plans and directs assignment and training of professional and paraprofessional nursing personnel. Provides staff development programs for all levels of nursing personnel. Evaluates performance of nursing service personnel, nursing activities, standards of nursing care and nursing practice. Facilitates and participates in nursing research. Makes recommendations to commanders on administrative matters concerning Nurse Corps officers and other nursing service personnel.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of nursing standards of practice, medical executive skills/competencies and Air Force contingency plans is mandatory.
3.2. Education. The following education requirements are mandatory for entry into this specialty.
3.2.1. Entry level education requirements for appointment to the Nurse Corps for Active Duty, Air Force Reserve and Air National Guard must be a graduate of a baccalaureate degree program in nursing (BSN) accredited by a national nursing accrediting agency recognized by the US Department of Education. Registered nurses who are graduates of an associate's degree in nursing (ADN) and do not have a BSN are not eligible for accession unless they also have a post-baccalaureate (masters or doctorate) degree in nursing that is also nationally accredited and recognized by the US Department of Education https://www.ed.gov/accreditation.
3.3. Training. For award of AFSC 46A3, Regular Air Force Nurse Corps officers must complete the Intermediate Executive Skills (IES) course, Air Force Reserve (AFR) Nurse Corps officers must complete the IES course or the AFR Chief Nurse Course and Air National Guard (ANG) Nurse Corps officers must complete the IES course or a course determined equivalent by the National Guard Bureau, ANG/SG.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 46A1. A minimum of 10 years nursing experience which has provided opportunities to refine competencies in nursing practice and to apply leadership principles.
3.4.2. 46A3. A minimum of 12 months as a Chief Nurse, Squadron Commander or Group Commander.
3.5. Other. For entry, award and retention of these AFSCs, the following are mandatory.
3.5.1. Unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, *Medical Quality Operations.*
3.5.2. Approval by the Chief Nurse.
3.5.3. Minimum grade of Major.

AFSC 46F4, Staff
AFSC 46F3, Qualified
AFSC 46F1, Entry

FLIGHT NURSE
(Changed 30 Oct 18, Effective 03 Jul 18)

1. Specialty Summary. Provides professional medical-surgical nursing care within scope of practice, established standards of care and federal/state law. Provides comprehensive nursing care for patients during aeromedical evacuation (AE) flights. Coordinates with and makes recommendations to staff agencies concerning clinical care requirements and medical supplies and equipment required for patient care, AE policies, plans and programs. Supports clinical and operational research activities. Related DoD Occupational Group: 260506.

2. Duties and Responsibilities:
2.1. Member of the AE crew. Functions as the senior medical member to lead both clinical and aircrew operations of the AE crew during intra-theater, and inter-theater flights. Collaborates with appropriate agencies and personnel to ensure appropriate clinical hand-offs, patient care, planning, and mission success. Directs medical specialty teams (i.e. Critical Care Air Transport, Tactical Critical Care Evacuation, Lung) in the inflight environment.
2.1.1. Plans and prepares for AE missions. Coordinates clinical operations with operational aircrew during mission pre-planning. Prepares patient positioning plan to facilitate patient enplaning, nursing care, comfort, and safety. Evaluates individual patient's in-flight needs and requests appropriate medications, supplies, and equipment. Supervises enplaning/deplaning, nursing care and safety/securing of patients. Prepares and maintains plan for patient evacuation from aircraft in case of an aircraft emergency.
2.1.2. Provides in-flight patient care. Monitors and evaluates patient condition, responses to stresses of flight and initiates appropriate interventions as needed. Maintains and documents in-flight care in patient records. Acts as liaison between medical and operational aircrews and support personnel in order to promote patient safety, clinical care and comfort and to accomplish the mission. Maintains and completes data on forms relative to the mission. Supervises patient hand-off, deplaning of patients and off-loading of patient baggage, supplies, and equipment. Briefs medical personnel at receiving medical facility on continuing nursing care and requirements. Accompanies patient to receiving medical facility when appropriate.
2.1.3. Provides emergency care. Initiates emergency interventions for in-flight medical emergencies. Safely egress patients in the event of an aircraft emergency.
2.1.4. Participates in administration activities. Participates in the instruction and evaluation of in-flight nursing care/practice and aircrew procedures.
2.2. Patient Movement Clinical Coordinator: Coordinates clinical aspects of patient movement for all patients. Clinically validates routine patients for flight. Manages clinical aspects of patient movement within and between operational theaters. Nursing authority at Patient Movement Requirements Center; collaborates with the Theater Validating Flight Surgeon to provide clinical oversight for patient movement requests. Direct liaison between the AE crew and the Command and Control entity for the operational mission.
2.3. Air Operations Center (AOC): Provides clinical knowledge and expertise in aerospace medicine/AE and operational experience to the AE Cell of the AOC. AE expert consultant, matching organic lift/civilian air ambulance/AE crews to patient clinical requirements to ensure safe, quality care during the transport phase of the AE system. Ensures operational decisions consider the patients' clinical condition and the risk of the transportation is mitigated to the greatest extent possible.

3. Specialty Qualifications:
3.1. Knowledge. Combines aeromedical nursing expertise in altitude physiology and medical aircrew operations to provide safe, quality nursing care required in the inflight environment. Possess knowledge of the management of in-flight clinical emergencies, unique aerospace medical supplies/equipment and patient comfort and safety measures in the aeromedical environment.
3.2. Education. For entry into this specialty, meet the entry level education requirements for appointment to the Nurse Corps for Active Duty, Air Force Reserve and Air National Guard. Must be a graduate of a baccalaureate degree program in nursing (BSN) accredited by a national nursing accrediting agency recognized by the US Department of Education. Registered nurses who are graduates of an associate′s degree in nursing (ADN) and no not have a BSN are not eligible for accession unless they also have post-baccalaureate (masters or doctorate) degree in nursing that is also nationally accredited and recognized by the US Department of Education https://www.ed.gov/accreditation.
3.3. Training. The following is mandatory:
3.3.1. For award of AFSC 46F1, completion of the AF Flight Nurse Course.
3.3.2. For award of AFSC 46F3, completion of Aeromedical Evacuation Formal Training Unit or upgrade/qualification training.
3.3.2.1. Completion of Readiness Skills Verification Program as defined in AFI 41-106, *Unit Level Management of Medical Readiness Program.*
3.4. Experience. For award of AFSC 46F3, six months experience as a flight nurse is mandatory.
3.5. Other. For entry, award and retention of these AFSCs, the following are mandatory.
3.5.1. A valid and current license to practice nursing from a state, U.S. territory, or the District of Columbia.
3.5.2. Unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, *Medical Quality Operations.*
3.5.3. Physical qualification for flying duty according to AFI 48-123, *Medical Examinations and Standards.*
3.5.3. For entry into 46F1 training, approval by the Chief Nurse is mandatory.

AFSC 46N4*, Staff
AFSC 46N3*, Qualified
AFSC 46N1*, Entry

CLINICAL NURSE
(Changed 31 Oct 18, Effective 03 Jul 18)

1. Specialty Summary. Includes clinical nurses and clinical nurse specialists. Provides professional nursing care within scope of practice, established standards of care and federal and state laws. Acts as patient advocate and advances desired health outcomes through patient and family education. Coordinates with and makes recommendations to staff agencies concerning applicable policies, plans and programs. Participates in cross-functional collaboration to improve patient care delivery. Supports research activities. Related DoD Occupational Group for 46N3: 260518.

2. Duties and Responsibilities:
2.1. Clinical Nurse.
2.1.1. Provides comprehensive and specialty nursing care. Assesses health and health care needs of individuals and populations. Collects, records, and analyzes patient or population health data from preventive health assessments, nursing history, physical examinations and other sources. Uses data to determine nursing needs of patients/populations. Identifies expected health outcomes. Involves the patient, family, and community in setting realistic goals to achieve desired outcomes. Plans comprehensive care attains expected outcomes. Collaborates with other disciplines. Implements and evaluates nursing interventions. Conducts group and individual health teaching for patients, families, and community. Monitors and records patient and population health status. Uses ongoing assessment data to evaluate progress toward expected outcomes and revise plan of care as needed. Documents nursing actions and activities.
2.1.2. Supervises and manages nursing activities. Supervises nursing staff and evaluates clinical practice. Provides adequate staffing and supervision. Participates in and contributes to staff development programs.
2.2. Clinical Nurse Specialists. Expert clinician with advanced academic degree in selected nursing specialties. Renders direct patient care, including assessing, diagnosing, planning, and prescribing treatment of health problems, health promotion, and preventive care within the specialized area of practice. Sub-roles include patient and staff education, research, and consultation.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of principles and practices of nursing is mandatory.
3.2. Education. For entry into AFSC 46N1D/E/F/G/J, meet the entry level education requirements for appointment to the Nurse Corps for Active Duty, Air Force Reserve and Air National Guard. Must be a graduate of a baccalaureate degree program in nursing (BSN) accredited by a national nursing accrediting agency recognized by the US Department of Education. Registered nurses who are graduates of an associate's degree in nursing (ADN) and no do not have a BSN are not eligible for accession unless they also have a post-baccalaureate (masters or doctorate) degree in nursing that is also nationally accredited and recognized by the US Department of Education https://www.ed.gov/accreditation.
3.3. Training. The following is mandatory for award of the AFSC indicated:
3.3.1. For award of a 46NX AFSC specialty shredout (D, E, F, G, J), completion of an AF/SG1N-approved formal training program or fellowship in a respective clinical specialty (excludes direct accessions for the E, F, G, and J specialties)
3.4. Experience. The following experience is mandatory:
3.4.1. Award of AFSC 46N3 (Qualified) requires a minimum of 12 months AF or civilian experience as a registered nurse.
3.4.2. For award of an AFSC 46N3 specialty shredout (E, F, G, or J), a minimum of 6 months in the respective clinical specialty. The 6 months experience in the specialty may be included in the total experience required as part of or in addition to the 12 months experience as a registered nurse. Civilian clinical nursing experience, time spent in the Air Force Nurse Transition Program or the applicable specialty training/fellowship program is creditable.
3.4.3. For award of AFSC 46N3D, a minimum of 6 months as an education and training officer in a 46N3D education and training authorization is required as part of or in addition to the 12 months experience as a registered nurse.
3.5. Other. For entry, award and retention of these AFSCs, the following are mandatory.
3.5.1. Unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, *Medical Quality Operations.*
3.5.2. Award of a specialty suffixed AFSC (excluding direct accessions for these specialties) requires approval by the Chief Nurse.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*	
D	Staff Development	Oversees and coordinates education and training activities.
E	Critical Care	Provides complex, intensive nursing care for children and adults.
F	Neonatal Intensive Care	Provides complex, intensive nursing care of critically ill neonates.

G	Obstetrical	Provides prenatal, perinatal, and postpartum nursing care. Manages newborn care immediately following delivery until discharge.
J	Emergency/Trauma	Provides emergency/trauma nursing care for infants, children, adolescents and adults.

4.1. Related DoD Occupational Health Group Numbers for the Specialty Shredouts:
4.1.1. 46N3D: 260508
4.1.2. 46N3E: 260510
4.1.3. 46N3F: 260512
4.1.4. 46N3G: 260513
4.1.5. 46N3J: 260517

AFSC 46P4, Staff
AFSC 46P3, Qualified
AFSC 46P1, Entry

MENTAL HEALTH NURSE
(Changed 31 Oct 18, Effective 03 Jul 18)

1. Specialty Summary. Provides professional nursing care within scope of practice, established standards of care and federal and state laws. Provides mental health (MH) services to promote and maintain optimal MH, prevent mental illness, manage mental and physical disorders, and to diagnose and treat human responses to actual or potential MH problems. Coordinates with and makes recommendations to staff agencies concerning applicable policies, plans and programs. Participates in cross-functional collaboration to improve patient care delivery. Supports research activities. Related DoD Occupational Group: 260507.

2. Duties and Responsibilities:
2.1. Provides MH nursing care. Assesses individuals, families, groups and communities for MH needs. Develops diagnoses and plans, implements and evaluates nursing care within scope of practice. Designs and implements programs that foster MH, assess dysfunction, assist individuals to regain or improve coping abilities, and prevent further disability. Monitors patients undergoing detoxification from alcohol and drugs. Assists in planning, providing, and evaluating comprehensive MH services. Identifies community resources and guides individuals and families in their use. Supports, conducts, and uses nursing research to improve health care delivery.
2.2. Provides leadership and clinical assistance to other nursing personnel. Manages inpatient care unit and clinic activities. Coordinates staff assignments. Encourages staff participation in community programs promoting population MH. Assists MH care team members in identifying teaching and learning needs related to clinical care, role, and professional development.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of MH nursing process, individual/family dynamics in health and during illness; individual/group therapy, theories of personality development, human behavior, psychopathology, diagnoses, chemotherapy, psychotherapies; and physiological response to alcohol and drug abuse withdrawal is mandatory.
3.2. Education. For entry into this specialty, meet the entry level education requirements for appointment to the Nurse Corps for Active Duty, Air Force Reserve and Air National Guard, Must be a graduate a baccalaureate degree program in nursing (BSN) accredited by a national nursing accrediting agency recognized by the US Department of Education. Registered nurses who are graduate of an associate′s degree in nursing (ADN) and do not have a BSN are not eligible for accession unless they also have a post-baccalaureate (masters or doctorate) degree in nursing that is also nationally accredited and recognized by the US Department of Education https://www.ed.gov/accreditation.
3.3. Training. For award of AFSC 46P1, completion of an AF/SG1N approved formal training program is required.
3.4. Experience. For award of 46P3, a minimum of 6 months in MH nursing including individual and group therapy. The 6 months experience in the specialty may be included in the total 12 months of experience required for the award of the 46N3 AFSC. Civilian MH nursing experience is creditable.
3.5. Other. For entry, award and retention of these AFSCs, the following are mandatory.
3.5.1. Unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, *Medical Quality Operations.*
3.5.2. Approval by the Chief Nurse.

AFSC 46S4, Staff
AFSC 46S3, Qualified
AFSC 46S1, Entry

OPERATING ROOM NURSE
(Changed 31 Oct 18, Effective 03 Jul 18)

1. Specialty Summary. Provides professional nursing care within scope of practice, established standards of care and federal and state laws. Assesses, plans, implements, and evaluates perioperative nursing care. Plans, directs, and coordinates activities of the Operating Room Department. Coordinates with and makes recommendations to staff agencies concerning applicable policies, plans and programs. Participates in cross-functional collaboration to improve patient care delivery. Supports research activities. Related DoD Occupational Group: 260503.

2. Duties and Responsibilities:
2.1. Provides professional perioperative nursing care to patients undergoing surgery. Prepares and maintains operating room (OR) for surgical procedures. Ensures OR physical plan and equipment conform to national standards for patient and staff safety. Prepares operating suite with the type and quantity of material and special equipment needed for daily procedures and potential emergencies. Circulates and scrubs for surgical procedures. Responds to surgical emergencies such as cardiac, pulmonary, or respiratory failure and hemorrhage.
2.2. Maintains open intra- and inter-department communication to improve patient care delivery. Conducts preoperative and postoperative visits. Discusses operative procedures with patients. Consults with the operating surgeon and establishes priorities of care for each patient entering the operating suite. Coordinates with recovery room, intensive care, obstetrics, and nursing units, as needed for postoperative care of the patient.
2.3. Manages OR activities. Directs personnel in preparing, sterilizing, and maintaining operating room equipment and supplies. Supervises central sterile supply activities. Prepares concise and complete records and reports. Coordinates ongoing, in-service education program for OR nursing personnel.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of the perioperative process to include OR techniques and management is mandatory.
3.2. Education. For entry into this specialty, meet entry the level education requirements for appointment to the Nurse Corps for Active Duty, Air Force Reserve and Air National Guard. Must be a graduate of a baccalaureate degree program in nursing (BSN) accredited by a national nursing accrediting agency recognized by the US Department of Education. Registered nurses who are graduates of an associate's degree in nursing (ADN) and do not have a BSN are not eligible for accession unless they also have a post-baccalaureate (master or doctorate) degree in nursing that is also nationally accredited and recognized by the US Department of Education https://www.ed.gov/accreditation.
3.3. Training. For award of AFSC 46S1, completion of an AF/SG1N approved formal training program is required.
3.4. Experience. For award of 46S3, a minimum of 6 months in OR nursing required. Time spent in OR Nursing Course and civilian OR nursing experience is creditable. The 6 months experience in the specialty may be included in the total 12 months of experience required for the award of the 46N3 AFSC.
3.5. Other. For entry, award and retention of these AFSCs, the following are mandatory.
3.5.1. Unrestricted practice (excludes temporary restrictions) IAW AFI 44-119, *Medical Quality Operations.*
3.5.2. Approval by the Chief Nurse

AFSC 46Y4*, Staff
AFSC 46Y3*, Qualified
AFSC 46Y1*, Entry

ADVANCED PRACTICE REGISTERED NURSE (APRN)
(Changed 31 Oct 19)

1. Specialty Summary. Includes nurse midwives, nurse anesthetists, and nurse practitioners. Provides professional nursing care within scope of practice, established standards of care and federal/state laws. Acts as patient advocate and advances desired health outcomes through patient/family education. Coordinates with and makes recommendations to staff agencies concerning applicable policies, plans and programs. Participates in cross-functional collaboration to improve patient care delivery. Supports research activities. Related DoD Occupational Group: 260502/260504/260505/260511/260514/260516/260519.

2. Duties and Responsibilities:
2.1. Advanced Practice Registered Nurse. Possess an advanced academic degree in selected nursing specialties for entry into practice. Independent privileged health care provider who uses clinical judgment to render direct patient care, including comprehensive health assessment, differential diagnoses, plans and prescribes pharmacologic and non-pharmacologic treatment in management of acute and chronic conditions, promotes health, and delivers preventive care within the specialized area of practice. Sub-roles include patient and staff education, research, and consultation to promote wellness and prevent illness and injury.
2.2. Clinical expert may serve as consultant or instructor. Collaborates with other disciplines and health care team members to improve patient care delivery. Formulates training programs and instructs both medical and non-medical personnel in a variety of health-related topics. Evaluates professional practice parameters through peer review.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of principles and practices within scope of advanced practice is Mandatory.
3.2. Education. The following formal education is mandatory as indicated:
3.2.1. A master's or doctoral degree in the suffixed specialty from an accredited program with specialty board certification; or
3.2.2. For award of AFSC 46Y1A/B/C/G/H/M/P, must be enrolled full time in an AFIT-funded or Health Profession's Scholarship Program graduate level accredited program.
3.2.2.1. For non-AFIT and non-HPSP trained APRNs, award of AFSCs 46Y1A/B/C/G/H/M/P, must be approved by the Nurse Corps Development Team. (ANG: Approval will be accomplished at the ANG Command Nurse Equivalent level.) (AFR: Approval will be accomplished at the AFRC Command Nurse level.)
3.3. Training. The following are mandatory as indicated:
3.3.1. For entry and award of AFSC 46Y1F, must be a fully qualified Family Nurse Practitioner (AFSC 46Y3H) with at least 24 months experience in a primary care setting, selected to an Aeromedical Nurse Practitioner position, and completion of the aerospace medicine primary course IAW AFI 48-149, *Flight and Operational Medicine Program (FOMP)* as outlined in Initial Qualification Training (IQT).

3.4. Experience. The following is mandatory for the award of AFSC 46Y3A/B/C/G/H/M/P:
3.4.1. Minimum of 6 months full-time nursing practice in the APRN specialty is required. Member must have at least 12 months experience as a registered nurse which MAY INCLUDE the 6 months as a privileged practitioner.
3.4.2. Must be assigned to or pending immediate assignment to a position requiring the corresponding 46YXX identifier.
3.4.3. For award of AFSC 46Y3F, completion of Mission Qualification Training (MQT) while performing the work typical of a base level Aeromedical Nurse Practitioner in duty AFSC 46Y1F and designated Fully Mission Capable (FMC) IAW AFI 48-149 as outlined in MQT.
3.5. Other. For entry, award and retention of AFSCs 46YXA/B/C/G/H/M/P, the following apply:
3.5.1. Approval by the Chief Nurse.
3.5.2. For award and retention of AFSC, the following apply:
3.5.2.1. Obtain MQT requirements.
3.5.2.2. MTF/SGP endorsement and MAJCOM/SGP approval in consultation with Chief Nurse.
3.5.3. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.4. For retention of AFSCs 46YXA/B/C/F/G/H/M/P must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix *Portion of AFS to Which Related*

A	Women's Health Care Nurse Practitioner	Privileged health care provider. Manages health care of female patients from menarche through menopause.
B	Pediatric Nurse Practitioner	Privileged health care provider. Manages health care of infants, children, and adolescents.
C	Acute Care Nurse Practitioner	Privileged health care provider. Provides intensive/critical care for patients in inpatient setting.
F	Aeromedical Nurse Practitioner	Privileged health care provider. Administers the Aerospace Medicine Program; conducts medical examinations and provides medical care for aircrew, missile crew, and others who require special standards of medical qualification and readiness functions. Evaluates living and working environments to detect and control health hazards, and prevent disease and injury within the Air Force community.
G	Certified Nurse Midwife	Provides prenatal, perinatal, and postpartum nursing care. Manages newborn care immediately following delivery until discharge.
H	Family Nurse Practitioner	Privileged healthcare provider. Manages health care of infants, children, adolescents and adults.
M	Certified Registered Nurse Anesthetist	Privileged health care provider. Administers anesthetic agents to patients, performs other specialized nursing duties, and manages anesthesia department.
P	Adult Psychiatric & Mental Health Nurse Practitioner	Privileged MH care provider. Manages acute and chronic MH conditions through assessment, diagnosing, planning, and prescribing MH intervention within scope of practice and credentials.

DENTAL UTILIZATION FIELD (47XX)

Introduction
(Changed 30 Apr 16, Effective 3 Feb 16)

The Dental Utilization Field encompasses functions of program formulation, policy planning, and direction of professional dental services to ensure comprehensive programs to continuously improve prevention and treatment of dental disease to ensure maximum personnel wartime readiness and combat capability. This field includes general dentistry, oral surgery, clinics and laboratories, conducting dental investigations, providing professional aspects of postgraduate courses and graduate training, and supervisory responsibilities.

Possession of these AFSCs requires the ability to practice the scope of clinical skills associated with the discipline. Revocation of privileges or any permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119, *Medical Quality Operations*, may call into question the member's ability to retain the AFSC. Requests to remove the AFSC must be accompanied by a commander's letter documenting the revocation, reduction, restriction, or denial of privileges and how this loss of privileges renders the member unable to perform the duties of the AFSC IAW AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted).*

For award and retention of AFSC 47X4, the member must possess and/or be eligible for AFSC 47X3

AFSC 47B4 Staff
AFSC 47B3 Qualified
AFSC 47B1 Entry

ORTHODONTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats irregularities and malocclusions of teeth and malrelations of jaws. Directs orthodontic service. Related DoD Occupational Group: 260305.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats irregularities, and malocclusion of teeth and malrelation of jaws. Examines patients and interprets and evaluates radiographs, models, and clinical photographs to determine nature and extent of deficiencies caused by irregularly positioned teeth and malrelations of the jaws. Evaluates findings and determines types of appliances to move and guide teeth and jaws into proper positions and relationships. Provides consultation services.
2.2. Directs orthodontic service. Formulates and implements procedures for operation of orthodontic service. Determines equipment, material, and personnel required for performance of treatment and construction of corrective appliances. Coordinates orthodontic service with other dental and medical services. Prepares diagnostic and treatment records. Instructs dental officers and technical assistants in orthodontic procedures and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and training requirement satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47B3, completion of a residency in orthodontics, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47B1, current enrollment in a orthodontics residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47B3/4:
3.5.2.1 Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47B3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 47D4, Staff
AFSC 47D3, Qualified
AFSC 47D1, Entry

ORAL AND MAXILLOFACIAL PATHOLOGIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines and diagnoses pathologic conditions of the oral and paraoral tissues and structures. Directs oral and maxillofacial pathology service. Related DoD Occupational Group: 260303.

2. Duties and Responsibilities:
2.1. Determines nature and extent of oral diseases and abnormal growths. Conducts gross and microscopic examinations of oral, maxillofacial and paraoral tissues and structures. Determines types of tests or examinations and evaluates results to diagnose the nature and progress of diseases. Provides consultation services. Serves as member of local hospital boards and committees appropriate to specialty.
2.2. Directs oral and maxillofacial pathology service. Formulates and implements procedures for operation of oral and maxillofacial pathology service. Determines equipment, material, and personnel required to accomplish diagnostic tests and examination. Plans work schedules for laboratory personnel. Coordinates oral and maxillofacial pathology service with other dental and medical services. Instructs dental officers and laboratory personnel in oral and maxillofacial pathology procedures and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and training requirement satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47D3, completion of a residency in oral and maxillofacial pathology, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other.
The following are mandatory:
3.5.1. For entry and retention of AFSCs 47D1, current enrollment in a oral and maxillofacial pathology residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47D3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47D3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 47E4, Staff
AFSC 47E3, Qualified
AFSC 47E1, Entry

ENDODONTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases and destructive processes, including injuries and abnormalities of dental pulps and periapical tissues of teeth. Directs endodontic services. Related DoD Occupational Group: 260302.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases of dental pulps and periapical tissues of teeth. Examines patients and interprets radiographs and pulp tests to determine pulp vitality and periapical tissue condition. Evaluates findings and prescribes method of treatment to prevent loss of teeth and to restore teeth to function. Performs pulpal therapy, surgical treatment of radicular areas, and removal of pathologic periapical tissue. Provides consultation services.
2.2. Directs endodontic service. Formulates and implements procedures governing administration of endodontic service. Plans and schedules endodontists and technical assistants to perform endodontic treatment. Coordinates endodontic services with other dental and medical services. Instructs dental officers and technical assistants in endodontic procedures and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and training requirement satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47E3, completion of a residency in endodontics, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47E1, current enrollment in a endodontics residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47E3/4:
3.5.2.1 Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47E3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 47G4*, Staff
AFSC 47G3*, Qualified
AFSC 47G1*, Entry

DENTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases, abnormalities, injuries, and dysfunctional disorders of the oral cavity and its associated structures. Administers dental service policy, including establishing and maintaining dental health standards. Related DoD Occupational Group: 260311.

2. Duties and Responsibilities:
2.1. Examines, diagnoses and treats disease, abnormalities, injuries and dysfunctional disorders of the oral cavity and its associated structures. Examines patients and interprets radiographs and diagnostic tests to determine type and extent of dental diseases and disabilities or dysfunctions. Evaluates findings and prescribes type, extent, and order of treatment. Refers nondental problems to appropriate medical specialty. Restores health and function of carious, fractured, otherwise defective teeth. Performs routine preventive, periodontal, oral surgery, endodontic, and prosthodontic treatment. Provides consultation services.
2.2. Directs dental activities. Formulates and implements procedures for operation of base dental service. Determines requirements for material, equipment, facilities, and personnel to accomplish mission of unit. Coordinates dental activities with medical service. Instructs dental officers and technical assistant in professional and administrative functions of dental service.
2.3. Performs comprehensive dental functions. Performs complex dental treatment procedures in the absence of specialist. May serve as training director or instructor for general dentistry residency programs.
2.4. Manages and administers dental service policies and programs. Drafts policies covering dental health standards. Provides guidance for the implementation of comprehensive programs to continuously improve prevention and treatment of dental disease to ensure maximum personnel wartime readiness and combat capability. Determines resource requirements for dental clinics and laboratories.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and training requirement satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. The following training is mandatory as indicated:
3.3.1. For award of AFSC 47G3, fulfillment of the education requirement satisfies this requirement.
3.3.2. For award of AFSC 47G3A, completion of a minimum of a 2 year residency in general dentistry, acceptable to the Surgeon General, HQ USAF.
3.3.3. For award of AFSC 47G3B, completion of the USAF Advanced Clinical Dentistry Program.
3.3.4. For award of AFSC 47G3C, completion of the USAF Advanced Education in General Dentistry (AEGD) residency program or equivalent acceptable to the Surgeon General, HQ USAF.
3.3.5. For award of AFSC 47G3D, completion of a 2 year residency in dental public health.
3.3.6. For award of AFSC 47G3E, completion of a dental materials residency or fellowship, acceptable to the Surgeon General, HQ USAF.
3.3.7. For award of AFSC 47G3F, completion of an oral and maxillofacial radiology residency or fellowship, acceptable to the Surgeon General, HQ USAF.
3.3.8. For award of AFSC 47G3G, completion of a temporomandibular disorders residency or fellowship, acceptable to the Surgeon General, HQ USAF.
3.3.9. For award of AFSC 47G3H, completion of a hospital dentistry residency or fellowship, acceptable to the Surgeon General, HQ USAF.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47G1X, current enrollment in a residency program related to the suffix acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47G3X/4X:
3.5.2.1 Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.

3.5.3. For retention of AFSCs 47G3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Comprehensive
B	Advanced Clinical
C	General Clinical
D	Public Health
E	Dental Materials Science
F	Oral and Maxillofacial Radiology
G	Temporomandibular Disorders
H	Hospital Dentistry

AFSC 47H4, Staff
AFSC 47H3, Qualified
AFSC 47H1, Entry

PERIODONTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases and destructive processes of investing hard and soft tissues of teeth. Supports the dental health program. Directs periodontic service. Related DoD Occupational Group: 260307.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases of investing hard and soft tissues of teeth. Examines patients and interprets radiographs to assist in determining extent of tissue breakdown. Evaluates findings and conducts treatment. Corrects defects of occlusion. Prescribes and administers medications in treatment of diseases and infection of the oral cavity. Instructs patients in oral hygiene and dental preventive measures. Provides consultation services.
2.2. Directs the periodontic service, supports oral health programs. Formulates and implements procedures governing operation of the periodontic service. Plans and schedules work assignments for periodontists and technical assistants involved in treating diseases of investing tissues and providing oral hygiene instruction. Instructs dental officers and technical assistants in preventive dental protocols and techniques. Works with Dental Health Officer in coordinating the total dental health program at base level.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of the education and training requirements satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47H3, completion of a residency in periodontics, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47H1, current enrollment in a periodontics residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47H3/4:
3.5.2.1 Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47H3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 47K4, Staff
AFSC 47K3, Qualified
AFSC 47K1, Entry

PEDIATRIC DENTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats diseases, abnormalities, injuries and dysfunctional disorders of the oral cavity and its associated structures in children. Directs pediatric dentistry service. Related DoD Occupational Group: 260307.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats diseases, abnormalities, injuries, and dysfunctional disorders of the oral cavity and its associated structures in children. Examines child patients and interprets radiographs and diagnostic tests to determine type and extent of dental diseases and disabilities or dysfunctions. Evaluates findings and prescribes type, extent, and order of treatment required. Restores health and function of carious, fractured, or otherwise defective teeth. Provides behavior management techniques. Performs oral surgery, endodontic, prosthodontic, and interceptive orthodontic treatment on children. Provides consultation services.
2.2. Directs the pediatric dentistry service. Formulates and implements procedures governing operation of the pediatric dentistry service. Determines equipment, material, and personnel required to accomplish treatment of children. Coordinates with other dental and medical services. Instructs dental officers and technical assistants in pediatric dentistry procedures and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of the education and training requirements satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47K3, completion of a residency in pediatric dentistry, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47K1, current enrollment in a pediatric dentistry residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47K3/4:
3.5.2.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.2. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.2.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.2.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.2.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.2.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47K3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 47P4* Staff
AFSC 47P3* Qualified
AFSC 47P1* Entry

PROSTHODONTIST
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines and diagnoses disabilities incident to loss of teeth and supporting structures; formulates and executes treatment plans for the construction of corrective prostheses to restore proper mastication, phonetics and facial contour. Directs prosthodontic service. Related DoD Occupational Group: 260308.

2. Duties and Responsibilities:
2.1. Examines and diagnoses disabilities caused by loss of teeth and supporting structures; formulates and executes treatment plan for construction of corrective prostheses. Examines patients to determine requirement and type of dental prosthesis. Analyzes jaw relationships and movement and formulates required treatment plan. Constructs removable, fixed, and maxillofacial prosthodontic restorations. Provides consultation services.
2.2. Directs the prosthodontic service. Formulates and implements procedures governing the operation of the prosthodontic service including dental laboratory. Determines personnel, equipment, material, and facility requirements for the operation of the prosthodontic service. Plans work assignments for prosthodontists, technical assistants, and laboratory technicians for treating patients and constructing prosthodontic restorations. Coordinates prosthodontic service with other dental and medical services. Instructs dental officers, technical assistants, and laboratory technicians in prosthodontic procedures and techniques.

3. Specialty Qualification:
3.1. Knowledge. Fulfillment of the education and training requirements satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47P3, completion of a residency in prosthodontics, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. The following are mandatory:
3.5.1. For entry and retention of AFSCs 47P1X, current enrollment in a prosthodontics residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47P3X/4X:
3.5.2.1. For award of AFSC 47P3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5.2.2. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.3. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.3.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.3.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.3.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.3.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47P3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. ***Specialty Shredouts**

Suffix	*Portion of AFS to Which Related*
A	Maxillofacial Prosthetics
B	Area Dental Laboratory
C	Dental Materials

AFSC 47S4*, Staff
AFSC 47S3*, Qualified
AFSC 47S1*, Entry

ORAL AND MAXILLOFACIAL SURGEON
(Changed 30 Apr 16, Effective 3 Feb 16)

1. Specialty Summary. Examines, diagnoses, and treats by surgical means abnormalities of oral and maxillofacial structures. Directs oral and maxillofacial surgery service. Related DoD Occupational Group: 260304.

2. Duties and Responsibilities:
2.1. Examines, diagnoses, and treats by surgical means abnormalities and injuries of oral and maxillofacial structures. Examines patients and interprets and evaluates radiographs of facial structures to determine nature and extent of abnormalities and injuries of jaws and adjacent bones and tissues. Prescribes and performs type of surgery and fixation required in treatment. Administers or supervises the administration of general anesthetics. Performs oral surgical operations to remove infected, impacted, or malposed teeth, to prepare jaws for prosthodontic appliances, and to remove abnormal growths, cysts, and foreign bodies from jaws and oral structures. Applies fixation apparatus for fractures of jaws and adjacent bones. Prescribes preoperative and postoperative care. Prepares diagnostic and treatment records. Provides consultation services.
2.2. Directs oral surgical service. Formulates and implements procedures governing administration of oral surgical service. Plans and schedules cases and assigns oral surgeons and technical assistants required to perform surgical treatment. Determines material and equipment requirements for operation of oral surgery service. Coordinates with other dental and medical services. Instructs dental officers and technical assistants in oral surgical procedures and techniques.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of the education and training requirements satisfy this requirement.
3.2. Education. For entry into this specialty, a doctor of dental surgery or a doctor of dental medicine degree from an American Dental Association accredited college or university is mandatory.
3.3. Training. For award of AFSC 47S3, completion of a residency in oral and maxillofacial surgery, acceptable to the Surgeon General, HQ USAF, is mandatory.
3.4. Experience. Not used.
3.5. Other. . The following are mandatory:
3.5.1. For entry and retention of AFSCs 47S1X, current enrollment in a oral and maxillofacial or a suffix related residency program acceptable to the Surgeon General, HQ USAF.
3.5.2. For award and retention of AFSCs 47S3X/4X:
3.5.2.1. For award of AFSC 47S3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.
3.5.2.2. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for privileges if assigned to a non-clinical position).
3.5.2.3. A state license to practice dentistry IAW AFI 44-119, or
3.5.2.3.1. Must be fully qualified, have passed Part I and II of the National Board, passed regional/state licensure exam, and have/applied for license (ready to work), or
3.5.2.3.2. HPSP/FAP officers must have passed Part I and Part II of the National Board, have taken a regional/state licensure exam prior to entering active duty, and
3.5.2.3.3. License must be obtained within 365 days of arrival at first permanent duty station.
3.5.2.3.4. Residents have 18 months to obtain licensure.
3.5.3. For retention of AFSCs 47S3X/4X, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Temporomandibular Joint
B	Facial Esthetics
C	Maxillofacial Reconstruction

AEROSPACE MEDICINE UTILIZATION FIELD (48XX)

Introduction
(Changed 30 Apr 16, Effective 4 Mar 16)

The Aerospace Medicine Utilization Field covers the functions of program formulation, policy planning, direction, and professional participation pertinent to maintenance and improvement of health standards and aerospace medicine. Included in this field are aerospace medicine specialists, occupational medicine specialists, family practice specialists (flight surgeon), aerospace medicine physician, and preventive medicine specialist. Included in this field are the responsibilities for determination of physical and mental fitness of personnel for flying and for prevention, diagnosis, and treatment of diseases, disorders, and injuries peculiar to flight. This field also includes responsibilities for the development of plans and procedures covering the medical aspects of defense against nuclear, biological, and chemical warfare. Officers in this field command medical installations, units, or activities as stated in AFI 51-604, *Appointments to, and Assumption of, Command*.

Possession of these AFSCs requires the ability to practice the scope of clinical skills associated with the discipline. Revocation of privileges or any permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119, *Medical Quality Operations*, may call into question the member's ability to retain the AFSC. Requests to remove the AFSC must be accompanied by a commander's letter documenting the revocation, reduction, restriction, or denial of privileges and how this loss of privileges renders the member unable to perform the duties of the AFSC IAW AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted*).

For award and retention of AFSC 48X4, the member must possess and/or be eligible for AFSC 48X3.

AFSC 48A4, Staff
AFSC 48A3, Qualified
AFSC 48A1, Entry

AEROSPACE MEDICINE PHYSICIAN SPECIALIST
(Changed 31 Oct 19)

1. Specialty Summary. A flight surgeon who develops and administers the aerospace operational medicine enterprise; supervises, conducts medical examinations, and provides medical care for aircrew, missile crews, special duty operators and others with special standards of medical qualification and readiness functions. Directs evaluations of living and working environments within the Air Force community to detect and control health hazards and prevent disease and injury. Related DoD Occupational Group: 260123.

2. Duties and Responsibilities:

2.1. Supervises aerospace medicine program. Develops policies and procedures and prepares directives governing flight medicine, physical exams and standards, preventive medicine, and occupational medicine. Serves as the principal liaison with federal, state, and local agencies in matters related to aerospace medicine, preventive medicine, and occupational medicine. Establishes medical standards for aircrew and special operational personnel. Serves as subject matter expert for medical and retention standards determinations. Develops and directs training programs for aeromedical personnel.

2.2. Directs preventive medicine activities. Directs health education and control measures for preventable diseases and injuries. Assesses living and work environments to ensure healthy communities. Develops and implements research projects to control communicable and preventable diseases. Directs health promotion and fitness programs. Provides guidance on nutrition, food service sanitation, water supply safety, sewage and waste disposal, immunizations, and other community health issues. Conducts or provides consultation for disease outbreak investigations and health services research.

2.3. Advises medical staff. Advises and educates medical and dental staff on treatment of aircrew and special operational personnel and preparation of patients for aeromedical evacuation. Provides medical oversight and guidance to bioenvironmental engineering, military public health, physiological training, and organizations. Provides epidemiological expertise for population-based services and evidence-based medical practice.

2.4. Directs occupational medicine support. Evaluate, assess, and fully characterize aerospace worker health in relation to aerospace operations, including selection and retention standards to maximize the ability to perform safely and efficiently. Determines frequency and scope of occupational medicine exams required by federal regulations and workplace exposures. Conducts and supervises placement and periodic health exams for employees. Establishes procedures to identify occupational hazards, to notify appropriate agencies of occupational diseases or injuries, and to investigate job related injuries or illness.

2.5. Directs operational medicine or physical examination section program. Examines personnel to determine fitness for aircrew and special duty operators, or to recommend continuance, removal, or return to flying/controlling status and aviation service.

2.6. Provides primary medical care for flyers and their families, to include preventive medicine, counseling, and family support unit. Manages disorders and injuries unique to flight. Serves as liaison between flying squadrons and other medical services. Provides aeromedical consultation to commanders at all levels.

2.7. Directs medical support to operational mission. Regularly participates in the flying mission. In-flight duties include evaluation of aircrew, aircraft, environment, and mission to provide feedback and guidance to line and medical staff. Develops and manages a mission-oriented preventive medicine program. Fully characterizes the operational environment as it relates to health and performance, providing recommendations to decrease risk, prevent mishaps, increase health, and enhance performance. Integrates medical and aviation knowledge to identify aeromedical research needs. Establishes policies and procedures for aircraft mishap and disaster response and managing casualties in aviation accidents and other disasters. Provides advice on air rescue and aeromedical evacuation. Develops the aeromedical component of flying safety performance enhancement programs.

2.8. Serves on aircraft mishap investigation boards.

2.9. Directs medical support of contingency operations. Directs the planning and implementation of medical prevention, intervention and evacuation during contingency operations. Applies medical intelligence and uses available intelligence to optimize the effectiveness of deploying forces. Integrates their primary medical specialty with an understanding of aviation and contingency medicine to identify research needs in support of Air Force operations.

2.10.Functions as the advocate for the human operator in aerospace weapon systems. Fosters the identification of science, technology, and engineering needs and solutions. Directs the insertion of these needs and solution concepts into mission area and mission support plans to improve operator performance and mission capability.

3. Specialty Qualifications:

3.1. Knowledge. Fulfillment of education, board eligibility, and experience requirements satisfies this requirement.

3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine (MD) degree or a doctor of osteopathy (DO) degree from an approved school of medicine or osteopathy, a Master's degree in public health (or equivalent), and completion of a residency in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF. Must have successfully completed a tour as a flight surgeon prior (min 18 months) to initiating a residency in aerospace medicine.

3.3. Training. The following are mandatory as indicated:

3.3.1. For entry and award of AFSC 48A1, completion of a primary course in aerospace medicine and possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon or Chief Flight Surgeon.

3.3.2. Enrollment in an approved residency in aerospace medicine program acceptable to the Surgeon General, HQ USAF.
3.4. For award of AFSC 48A3:
3.4.1. Experience. Successful completion of an approved residency in aerospace medicine. Designated Fully Mission Capable (FMC) IAW AFI 48-149 as outlined in Mission Qualification Training (MQT).
3.4.2. Mandatory to be board eligible in Aerospace Medicine.
3.4.3. A state license to practice medicine.
3.4.4. Must obtain and maintain clinical privileges IAW AFI 44-119, Medical Quality Operations (or be immediately eligible for said privileges if assigned to a non-clinical position)
3.5. For award of AFSC 48A4:
3.5.1. Mandatory to be board certified in Aerospace Medicine.
3.5.2. Must successfully complete a base level leadership position in Aerospace Medicine.
3.5.3. Must serve in a MAJCOM level or higher Staff position.
3.5.4. Must maintain 48A3 requirement as noted in 3.4.
3.6. Retention. For retention of AFSCs 48A3/4, must not gave a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119. Members may be disqualified from flying duties (DNIF or disqualified from flying) and maintain their AFSC and clinical AFSC and clinical privileges to practice within 48A3/4 as long as they maintain unrestricted privileges to practice as an independent provider

AFSC 48G4 Staff
AFSC 48G3 Qualified
AFSC 48G1 Entry

GENERAL MEDICAL OFFICER (GMO), FLIGHT SURGEON
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Administers the Aerospace Medicine Program; conducts medical examinations and provides medical care for flyers, missile crews, and others with special standards of medical qualification. Evaluates living and working environments to detect and control health hazards and prevent disease and injury within the Air Force community. Related DoD Occupational Group: 260101.

2. Duties and Responsibilities:
2.1. Provides aerospace medicine support. Implements policies and procedures and prepares directives governing flight medicine, preventive medicine, and occupational medicine. Serves as liaison with federal, state, and local agencies in matters related to aerospace medicine, preventive medicine, and occupational medicine. Follows medical standards for flying and special operational personnel and submits recommendations on waivers of medical standards. Develops programs to ensure a fit force for worldwide deployments. Participates in training programs for aeromedical personnel.
2.2. Provides preventive medicine support. Directs health education and control measures for preventable diseases and injuries. Determines adequacy of living and work environments. Conducts health promotion and fitness programs. Provides advice on nutrition, food service, sanitation, water supply, safety, sewage and waste disposal, immunizations, and health education.
2.3. Advises medical staff. Advises medical and dental staff on treatment of flying and special operational personnel and preparation of patients for aeromedical evacuation. Provides medical advice and guidance to bioenvironmental engineering, military public health, physiological training, and organizations.
2.4. Provides occupational medicine support. Participates in the process of determining frequency and scope of occupational medicine exams required by federal regulations and workplace exposures. Conducts and supervises placement and periodic health exams for employees. Identifies occupational hazards and notifies appropriate agencies of occupational diseases and job related injuries or illness.
2.5. Conducts medical examinations of personnel with special standards of medical care. Examines personnel to determine fitness for flying and special duties, or to recommend continuance, removal, or return to flying status and aviation service.
2.6. Provides and organizes medical care for flyers and special operational personnel and their families, to include preventive medicine, counseling, and family unit support. Manages disorders and injuries unique to flying operations. Serves as liaison between flying squadrons and medical services.
2.7. Provides medical support to operational mission and serves as staff advisor to flying squadron commander. Regularly participates in flying mission. Inflight duties include evaluation of aircrew, aircraft, environment, and mission to provide feedback and guidance to line and medical staff. Develops and manages an aggressive preventive medicine program, including education of flying and special operational personnel in healthy life styles. Establishes procedures for aircraft mishap and disaster response, and managing casualties in aviation accidents and other disasters. Provides advice on air rescue and aeromedical evacuation. Serves on aircraft mishap investigation boards. Participates in flying safety and aircrew enhancement programs.
2.8 Provides medical support during contingency operations. Conducts medical prevention, intervention, and evacuation activities during contingency operations. Gathers and utilizes medical intelligence to provide optimal medical support to deployed forces.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and experience requirements satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy, and complete 1 year of graduate medical education in a training program fully accredited by a recognized national accrediting agency acceptable to the Surgeon General, HQ USAF.
3.3. Training. For award of AFSC 48G1, completion of a primary course in aerospace medicine is mandatory IAW AFI 48-149, *Flight and Operational Medicine Program (FOMP)* as outlined in Initial Qualification Training (IQT).
3.4. Experience. For award of AFSC 48G3, designated Fully Mission Capable (FMC) IAW AFI 48-149 as outlined in Mission Qualification Training (MQT).
3.5. Other. The following are mandatory as indicated:
3.5.1. For award and retention of AFSC 48G3/4,
3.5.1.1Possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon.
3.5.1.2. MTF/SGP certification and MAJCOM/SGP approval.
3.5.1.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.1.2. A state license to practice medicine.
3.5.2. For retention of AFSCs 48G3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

AFSC 48R4*, Staff
AFSC 48R3*, Qualified
AFSC 48R1*, Entry

RESIDENCY TRAINED FLIGHT SURGEON
(Changed 30 Apr 19)

1. Specialty Summary. Administers the aerospace medicine program; conducts medical examinations and provides medical care for aircrew, missile crews, special duty operators and others with special standards of medical qualification and readiness functions. Evaluates living and working environments to detect and control health hazards and prevent disease and injury within the Air Force community. Related DoD Occupational Group: 260101.

2. Duties and Responsibilities:
2.1. Provides aerospace medicine support. Implements policies and procedures and prepares directives governing flight and operational medicine, preventive medicine, and occupational medicine. Serves as liaison with federal, state, and local agencies in matters related operational to aerospace medicine, preventive medicine, and occupational medicine. Applies medical standards for aircrew and special operational personnel. Submits recommendations on waivers and medical retention standards. Develops programs to ensure a fit force for worldwide deployments. Participates in training programs for aeromedical personnel.
2.2. Provides preventive medicine support. Directs health education and control measures for preventable diseases and injuries. Determines adequacy of living and work environments. Conducts health promotion and fitness programs. Provides advice on nutrition, food service sanitation, water supply safety, sewage and waste disposal, immunizations, and health education. Conducts or provides consultation for disease outbreak investigations and health services research.
2.3. Advises medical staff. Advises medical and dental staff on treatment of aircrew and special operational personnel and preparation of patients for aeromedical evacuation. Provides medical advice and guidance to bioenvironmental engineering, public health, physiological training, and other organizations. Provides epidemiological expertise for population-based health services and evidence-based medical practice.
2.4. Provides occupational medicine support. Participates in the process of determining frequency and scope of occupational medicine exams required by federal regulations and workplace exposures. Conducts and supervises placement and periodic health exams for employees. Identifies occupational hazards, notifies appropriate agencies of occupational diseases, and job related injuries or illnesses.
2.5. Conducts medical examinations of personnel with special standards of medical care. Examines personnel to determine fitness for flying and special duties, or to recommend continuance, removal, or return to flying status and aviation service.
2.6. Provides and organizes medical care for aircrew and special operational personnel and their families, to include preventive medicine, counseling, and family unit support. Manages disorders and injuries unique to flying operations. Provides specialty consultation to aeromedical staff. Serves as liaison between flying squadrons and medical services. Provides continuing comprehensive health maintenance and medical care to entire family regardless of sex, age, or type of problem. Directs outpatient and inpatient care and service.
2.7. Provides medical support to operational mission and serves as staff advisor to flying squadron commander. Regularly participates in the flying mission. Inflight duties include evaluation of aircrew, aircraft, environment, and mission to provide feedback and guidance to line and medical staff. Develops and manages an aggressive preventive medicine program, including education of aircrew and special operational personnel in healthy life styles. Establishes procedures for aircraft mishap and disaster response, and managing casualties in aviation accidents and other disasters. Provides advice on air rescue and aeromedical evacuation. Participates in flying safety and aircrew performance enhancement programs.
2.8. Serves on aircraft mishap investigation boards.
2.9. Provides medical support during contingency operations. Conducts medical prevention, intervention and evacuation activities during contingency operations. Gathers and utilizes medical intelligence to provide optimal medical support to deployed forces. Develops support mechanisms for family members of deployed personnel. Integrates their primary medical specialty with an understanding of aviation and contingency medicine to identify research needs in support of Air Force operations.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education and experience requirements satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine (MD) degree or a doctor of osteopathy (DO) degree from an approved school of medicine or osteopathy.
3.3. Training. The following are mandatory as indicated:
3.3.1. For entry and award of AFSC 48R1, completion of a residency (other than the USAFSAM Residency in Aerospace Medicine) at a residency training program acceptable to the Surgeon General, HQ USAF.
3.3.2. Completion of the primary course in aerospace medicine IAW AFI 48-149, *Flight and Operational Medicine Program (FOMP)* as outlined in Initial Qualification Training (IQT).
3.4. Experience. The following experience is required for award of the AFSC indicated:
3.4.1. For award of AFSC 48R3X, completed of suffix-specific residency acceptable to the Surgeon General and completion of Mission Qualification Training (MQT) as a 48R1X duty AFSC while performing the work typical of a base level flight surgeon and designated Fully Mission Capable (FMC) IAW AFI 48-149 as outlined in MQT.

3.5. Other. For award of AFSC 48R3/4X the following qualification are mandatory as indicated:

3.5.1. Initial physical qualification for aircrew duty according to AFI 48-123, *Medical Examinations and Standards*, certified initial flying Class II flight surgeon physical exam is required for entry into the career field.

3.5.2. Possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon as outlined in AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges.*

3.5.3. MTF/SGP certification and MAJCOM/SGP approval.

3.5.4. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical positions).

3.5.5. A state license to practice medicine.

3.5.6. Retention. For retention of AFSCs 48R3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119. Members may be disqualified from flying duties (DNIF or disqualified from flying) and maintain their AFSC and clinical privileges to practice within 48R1/3/4 as long they maintain unrestricted privileges to practice as an independent provider. Those disqualified from flying duties permanently may not be assigned to a squadron medical element.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
E	Board eligible in emergency medicine
F	Board eligible in family medicine
M	Board eligible in internal medicine

AFSC 48V4, Staff
AFSC 48V3, Qualified
AFSC 48V1, Entry

PILOT-PHYSICIAN
(Changed 30 Apr 16, Effective 4 Mar 16)

1. Specialty Summary. Performs functions of the aerospace medicine physician as well as integrated functions of a dual-rated pilot-physician in the aerospace system. Residency trained pilot-physicians may also function as specialists. Provides expert guidance from operational and medical experiences and training as a pilot. Conducts research on aerospace systems, missions, and crews. Provides operational relevance to researchers. Serves as a full time consultant during the design, testing, manufacture, and operational implementation of new aerospace systems and subsystems. Recommends deployment and employment strategies of aerospace resources to line and medical commanders to optimize deployment and employment of aerospace resources. Conducts aeromedical and aviation training for line and medical personnel. Administers aerospace medicine program. Related DoD Occupational Group: 260101.

2. Duties and Responsibilities:
2.1. Plans and prepares flying mission. Pilots aircraft and commands crew.
2.2. Conducts research on aerospace systems and subsystems to optimize their function and safety. Publishes findings. Consultant to other researchers. Provides operational insight and relevance to research.
2.3. Serves as a consultant to line and medical commanders on aerospace medicine support, integrated limits of the man-machine system, and human performance factors and medical aspects of the operational employment of aerospace systems.
2.4. Serves as a member of the design team for items related to human performance optimization and limits during the development of new aerospace systems, including cockpit layout, anthropometrics, aircraft and human performance capabilities, chemical-biological warfare considerations, systems design and automation, and stores design and delivery tactics.
2.5. Provides operational issues training to medical service personnel. Provides medical issues training to operators, including spatial disorientation, nutrition, fatigue, illusions, and other limits of human performance. Provides advice to optimize crew members' abilities to accomplish USAF missions. Actively mentors aerospace medicine personnel at all levels.
2.6. Provides critical inputs to Air Force science and technology needs to enhance war fighter performance. Supports the human weapon system concept through advancement of operator performance enhancement and sustainment.
2.7. Provides aerospace, occupational, and preventive medicine support. Advises medical staff. Conducts medical examinations of personnel with special standards of medical care. Provides primary medical care for flyers and their families, and obtains medical consultations. Provides medical support to operational mission and serves as staff advisor to flying squadron commanders. Provides medical support during contingency operations.

3. Specialty Qualifications:
3.1. Knowledge. Fulfillment of education, training, and other requirements satisfies this requirement.
3.2. Education. For entry into this specialty, it is mandatory to possess a doctor of medicine degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy and successfully complete 1 year of graduate medical education in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF.
3.3. Training. Not used.
3.4. Experience. For award of AFSC 48V3, the following are mandatory:
3.4.1. Successfully pass a check ride in a USAF aircraft system as a pilot.
3.4.2. Upgrade to qualified must be approved by the pilot-physician program manager.
3.5. Other. The following are mandatory:
3.5.1. For entry into AFSC 48V3, possess USAF aeronautical ratings of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon and Pilot, Senior Pilot, or Command Pilot.
3.5.2. Minimum of 3 years and 500 hours of operational flying experience.
3.5.3. Must be selected by the pilot-physician selection board according to the provisions of AFI 11-405, *Pilot Physician Program*.
3.5.4. For award and retention of AFSCs 48V3/4:
3.5.4.1. Must obtain and maintain clinical privileges IAW AFI 44-119, *Medical Quality Operations* (or be immediately eligible for said privileges if assigned to a non-clinical position).
3.5.4.2. A state license to practice medicine.
3.5.5. For retention of AFSCs 48V3/4, must not have a revocation of privileges or permanent and substantial reduction, restriction, or denial of privileges IAW AFI 44-119.

PROFESSIONAL CAREER AREA (5XXX)

Introduction

The Professional Career Area encompasses program formulation, policy planning, coordination, inspection, command and direction, and immediate supervisory and technical responsibilities pertinent to the Law and Chaplain Utilization Fields.

LAW UTILIZATION FIELD (51JX)

Introduction

The Law Utilization Field encompasses the functions of planning, developing, supervising, coordinating, inspecting, and executing the duties prescribed by the Uniform Code of Military Justice pursuant to the Manual for Courts-Martial, United States, 1995 (Rev.), and the preparation, rendition, and review of opinions and decisions relating to civil law matters affecting Air Force personnel. The area also includes the administration of military justice including pretrial advice, preparation of trial, actual trial, and appellate review, and rendering legal advice to commanders on all phases of law including patents, contracts, claims, military affairs, taxes, legal assistance, legislative drafting, and allied legal matters.

AFSC 51J4, Staff
AFSC 51J3, Qualified
AFSC 51J1, Entry

JUDGE ADVOCATE

1. Specialty Summary. Manages and provides legal services to preserve prerogatives of the United States Air Force and its commanders. Performs duties prescribed by Uniform Code of Military Justice (UCMJ) pursuant to Manual for Courts-Martial, United States, 1995 (MCM), and prepares and provides legal opinions and decisions necessary for efficient and effective discharge of mission of the United States Air Force. Specialty encompasses administration of military justice, including counsel on disciplinary matters, pretrial advice, preparation for trial, trials by courts-martial, post-trial actions, and appellate review. Renders legal advice to commanders on all phases of Air Force operations, including international law, operations law, procurement, claims, environmental law, military and civilian personnel issues, patents, litigation, military affairs, legal assistance and preventive law, taxes, and allied legal matters. Related DoD Occupational Group: 250600.

2. Duties and Responsibilities:

2.1. Formulates legal policies. Plans and studies methods and procedures used to process military justice and civil law actions. Advises and develops plans for operation and implementation of federal statutes, executive orders, and DoD and Air Force directives. Manages legal information systems. Manages acquisition, designation, certification, and assignment of judge advocate personnel according to Article 6, UCMJ.

2.2. Monitors, coordinates, and directs legal activities. Inspects administration and function of military justice at subordinate echelons to ensure uniformity in administration of laws, directives, and instructions. Administers claims program. Maintains liaison with agencies of DoD, Department of Justice, and other federal, state, and local jurisdictions to ensure accurate and correct administration of Air Force polices and operations. Maintains liaison with local, state, and national bar associations to keep informed of current legal trends.

2.3. Prepares and renders legal advice and opinions. Advises commanders and senior staff. Prepares and renders legal advice and opinions on matters relating to interpreting laws, directives, status, rights, liabilities, and duties of personnel. Prepares and renders legal advice on disciplinary matters, including admonitions, reprimands, non-judicial punishment, and statutory pretrial advice in prospective court-martial cases. Prepares statutory post-trial advice and actions of convening authority. Prepares and renders legal advice on issues of international and operations law, environmental law, fiscal law, and military and civilian personnel law. Renders legal assistance to military personnel and dependents on personal civil matters such as wills and estates, powers of attorney, consumer affairs, taxes, domestic relations, insurance, and execution of legal documents. Reviews and renders legal opinions on claims and incidents which may result in claims in favor of, or against the United States. Renders legal opinions regarding drafting, negotiating, and administrating government contracts. Reviews and renders opinions on courts-martial records of trial and board proceedings. Conducts inspections relating to administration and function of military justice and recommends improvements.

2.4. Represents United States in civil proceedings. Represents United States before judicial and administrative tribunals. Assists Department of Justice in preparation and litigation of cases in which the Air Force has an interest.

2.5. Acts as trial counsel on general and special courts-martial and counsel for United States on appeal. Upon certification by Judge Advocate General as trial and defense counsel, prepares and presents case for United States. Directs preparation of record of trial and forwards to convening authority. Prepares and presents briefs and oral arguments on behalf of United States before Air Force Court of Criminal Appeals, United States Court of Appeals for the Armed Forces and United States Supreme Court.

2.6. Acts as defense counsel. Upon certification by Judge Advocate General as trial and defense counsel, acts as counsel for accused in special and general courts-martial. Upon designation by Judge Advocate General, serves as area defense counsel with responsibility for provision of defense services. Prepares and presents briefs and oral arguments on behalf of accused before Air Force Court of Criminal Appeals, United States Court of Appeals for the Armed Forces, and United States Supreme Court.

2.7. Acts as military judge. Upon certification by Judge Advocate General, performs primary duty as military judge on general and special courts-martial or appellate judge of Air Force Court of Criminal Appeals.

2.8. Conducts legal courses. Instructs personnel in military justice procedures and legal issues. Directs and conducts legal training at United States Air Force Academy and Air University.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of military and civilian law.

3.2. Education. For entry into this specialty, a Bachelor of Laws or Juris Doctor degree in law issued by an accredited law school is mandatory.

3.3. Training. For award of AFSC 51J3, completion of Judge Advocate Staff Officer Course or equivalent as prescribed by The Judge Advocate General is mandatory.

3.4. Experience. For award of AFSC 51J3, a minimum of 3 months experience in legal assignments, after designation as a judge advocate by Judge Advocate General, is mandatory. Experience must include serving as trial or defense counsel in courts-martial; preparing legal briefs or rendering advice relating to interpreting laws, regulations, directives, status, rights, liabilities, and duties of military personnel and dependents.

3.5. Other. The following are mandatory for entry, award, and retention of these AFSCs:

3.5.1. Current admission to the bar of a Federal Court or the highest court of a state.

3.5.2. Designation by The Judge Advocate General as a judge advocate.

CHAPLAIN UTILIZATION FIELD (52XX)

Introduction
(Changed 31 Oct 13)

The Chaplain Utilization Field encompasses Chaplain Corps programs, staff management, readiness, plans, advisement, administration, budgetary and fiscal management, and education functions supporting the free exercise of religion provision of the first amendment of the US Constitution. This includes planning, programming, and operations related to the following activities: staff supervision; war and contingency planning; deployment execution, chaplain materiel and facility management; chaplain resource management; chaplain recruiting; and Chaplain Corps training and education.

Only officers originally commissioned to serve as chaplains and possessing ecclesiastical endorsements from a faith group recognized by the DoD Armed Forces Chaplains Board and acceptable to the Chief of Air Force Chaplains are classified in AFSCs 52R1, 52R3, and 52R4. Chaplains have rank without command authority, serve only in noncombatant status, and are not assigned duties outside the chaplain specialty.

AFSC 52R4, Staff
AFSC 52R3, Qualified
AFSC 52R1, Entry

CHAPLAIN
(Changed 30 Apr 19)

1. Specialty Summary. The Chaplains Corps provides spiritual care and ensures all Airmen and their families have opportunities to exercise their constitutional entitlement to the free exercise of religion. In accordance with Title 10, United States Code, Section 8067 (h), chaplains provide religious services, religious accommodation, pastoral care, unit engagement, and counseling opportunities to meet the diverse needs of Airmen. As experts in the principles of religious diversity, religious accommodation, major faith group requisites, privileged communication and religious program management, chaplains advise leaders at all levels on spiritual, religious, ethical, moral, morale, and quality of life matters. Chaplains develop and administer Chaplain Corps guidance for managing chapel operations, religious programs, and resources. Chaplains must integrate religious support within the context of the organizational structure and doctrine of the Air Force. Chaplains will not perform duties incompatible with their endorsing organizations, professional role, or noncombatant status. Related DoD Occupational Group: 250700.

2. Duties and Responsibilities:
2.1. Supervise and manage chapel operations, religious programs and resources in support of the Air Force mission. Chaplains develop and execute religious support plans and evaluate outcomes to ensure their effectiveness.
2.2. Conduct worship services, liturgies, and rites. Provide counseling, pastoral care, unit engagement, religious education, morale programs, spiritual renewal, lay leadership programs, and humanitarian outreach opportunities. Represent faith and military communities in religious, patriotic, and civic events. Maintain liaison with civilian clergy and organizations to remain current in their specialty and areas of interest to Chaplain Corps programs.
2.3. Advise leadership at all levels on spiritual, religious, ethical, moral, morale, and quality of life matters. Chaplains partner with religious affairs airmen to integrate into units and advise leaders on issues and the welfare of Airmen within their scope of responsibility. Chaplains also advise commanders of their responsibility to provide appropriate facilities or sites for worship, rites, and counseling.
2.4. Maintain regular communication with endorsing officials and submit professional reports and records as required. Attend endorser-sponsored training and conference events as required by endorsing officials.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of Air Force vision, values, organization, policy, and mission is mandatory, in addition to Chaplain Corps mission, vision, organization, guidance, programs, and readiness requirements.
3.2. Education. The following education is mandatory for entry into this specialty.
3.2.1. A baccalaureate degree with not less than 120 semester hours (180 quarter hours) of undergraduate credit from a qualifying educational institution as defined in DoDI 1304.28.
3.2.2. Master of Divinity or equivalent theological degree from an accredited educational institution requiring no fewer than 72 semester hours (108 quarter hours) of graduate level work as stipulated in DoDI 1304.28.
3.3. Training. For award of AFSC 52R3, successful completion of the Air Force Basic Chaplain Course is mandatory.
3.4. Experience. For award of AFSC 52R3, experience in planning, organizing, coordinating, and leading chaplain related, or equivalent program is mandatory after graduate level educational requirements are completed. For active duty appointments two years of full-time religious leadership experience are needed.
3.5. Other. For entry, award, and retention of these AFSCs, the following are mandatory as indicated:
3.5.1. An ecclesiastical endorsement from a faith group recognized by the DoD Armed Forces Chaplains Board.
3.5.2. No violations of privileged communication and/or confidentiality.
3.5.3. No violations or compromises of non-combatant status.
3.5.4. No convictions by courts-martial or by civilian courts except for minor traffic violations and similar infractions listed in AFI 36-2002, *Regular Air Force and Special Category Accessions*.
3.5.5. No record of disciplinary action (LOR or Article 15) for failure to exercise sound judgment with respect to morale or welfare of subordinates.
3.5.6. No 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*.
3.5.7. No record of disciplinary action (Article 15) for financial irresponsibility, domestic violence, or child abuse.

ACQUISITION AND FINANCIAL MANAGEMENT CAREER AREA (6XXX)
(Changed 30 Apr 16)

Introduction

The Acquisition and Financial Management Career Area encompasses the conceptualization, initiation, design, development, test, contracting, production, deployment, logistical support, modification, and disposal of weapons, and other systems, supplies, or services (including construction) to satisfy DoD and Air Force needs in, or in support of military missions. Included is teaching college-level courses in subjects encompassed by the academic disciplines related to the specialty.

Excluded from this area are functions pertaining to the operation and maintenance of standard items of materiel, including their logistical and administrative support, and medical and dental research included in the Medical Career Area.

AFSC 60C0

SENIOR MATERIEL LEADER-UPPER ECHELON
(Changed 30 Apr 16)

1. Specialty Summary. Directs major defense system acquisition programs typically identified by one or more of the following: Air Force Executive Program; Defense Enterprise Program; DoD 5000.1 Major System Acquisition; Secretary of the Air Force Program Assessment Review Program; a highly sensitive or highly visible program of significance to the Air Force; or Congressional Selected Acquisition Reporting Program. Related DoD Occupational Group: 251200.

2. Duties and Responsibilities:
2.1. Directs high precedence acquisition programs critical to fulfilling a priority DoD mission. Provides executive leadership and management expertise through all phases of the acquisition life cycle for a major program because of its urgency of need, developmental risk, joint funding, congressional interest, and other similar factors. Delegates responsibility for preparing development, production, deployment, and system support plans. Responsible for personnel and financial resources allocated to program. Supervises program managers. Directs program activities pertaining to acquisition logistics, configuration and data management, contracting, engineering, manufacturing, program control, system safety, and test and evaluation. Assures development and delivery of program systems. Develops and motivates trained and experienced personnel for acquisition careers. Maintains relations with industry, educational institutions, professional organizations, and the civilian community.
2.2. Delivers operational systems to commands. Responsive to user environment, concerns, and requirements. Coordinates program requirements and actions with commands. Promotes technology, base enhancement, and technology transition into systems. Establishes and supervises boards, working groups, and panels to assure smooth transition of systems and equipment to commands. Trains operations and maintenance personnel in conjunction with the system contractors, training agencies, and testing and using activities.
2.3. Translates operational requirements into acquisition programs, evaluates contractor proposals, and recommends implementing actions. Establishes plans for system acquisition, including testing and evaluating programs progress. Ensures availability of operable and supportable systems and equipment on established schedules. Formulates policies and procedures for developing, procuring, and producing activities. Makes changes to the acquisition program to achieve desired outcomes.
2.4. Organizes and directs Systems Program Office. Develops organization and manning requirements. Schedules formal training, develops acquisition skills of Systems Program Office members, and implements lessons learned. Initiates plans, policies, and programs for managing engineering and other personnel. Interprets and directs execution of policies, procedures, regulations, and directives. Manages and directs collective actions of participating organizations. Ensures proposals and changes are sound in terms of operational, development, procurement, production, and support requirements. Ensures the Systems Program Office functions as the Air Force focal point for contractors supporting a program, and acts as the official source of information. Establishes a program baseline, and manages within it. Maintains an assessment of program progress and performance versus requirements, threat, schedule, and cost. Informs headquarters of recommended changes and potential and actual breaches of program thresholds. Ensures accomplishment of program budgeting, funding, and accounting functions. Manages program costs by forcing identification of life cycle costs, developing "design to" cost parameters, and weighing all program decisions and program cost thresholds.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: DoD and Air Force program management procedures pertinent to development, procurement, production, and logistics support; operational environment; and techniques of employment for the system being acquired.
3.2. Education: Undergraduate academic specialization in a degree accepted for the award of the 63A3 AFSC. A master's degree in a technical, scientific, or management field is desirable.
3.3. Training. The following training requirements are mandatory for award of this AFSC:
3.3.1. Completion of intermediate level professional military.
3.3.2. Completion of the Defense Acquisition University’s (DAU’s) Program Manager’s Course (PMT 401) and Executive Program Manager’s Course (PMT 402).
3.4. Experience. Must have 8 years of acquisition experience and be Defense Acquisition Workforce Improvement Act (DAWIA) certified in Program Management (PM) Level 3.
3.5. Other. Not used.

SCIENTIFIC UTILIZATION FIELD (61XX)
(Changed 30 Apr 16)

Introduction

The Scientific Utilization Field encompasses the scientific function associated with analysis, research, and exploratory development in support of Air Force requirements; management in support of highly technical operations and intelligence; the operational assessment of current operations, weapons systems, force structure, doctrine and resources, and lessons learned. In general, it requires very specific and extensive educational preparation. Each specialty includes responsibilities for conducting or managing programs, projects, and activities established to perform research and development pertinent to that specialty, or to support highly technical operations and intelligence. Research includes the functions of defining a problem, selecting methods of approach, performing experiments, accumulating and interpreting data, and briefing and publishing the results. Research management includes such functions as formulating, planning, fiscal programming, monitoring, evaluating, coordinating and administering programs, projects, and activities. These specialties are used when research management requires technical specialization and an appropriate academic degree in a particular specialty and academic field. Assessments include such functions as conducting studies, performing analysis, measurement, testing, evaluation, and lessons learned.

For specific information on educational requirements for entry into AFSCs 61XX, please review Appendix A, Classification of Instructional Programs (CIP) Matrices.

AFSC 61C4*, Staff
AFSC 61C3*, Qualified
AFSC 61C1*, Entry

CHEMIST/NUCLEAR CHEMIST
(Changed 30 Apr 16)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform research/operational assessments, and to support highly technical operations and intelligence. Research includes defining a problem, selecting methods of approach, performing experiments, accumulating and interpreting data, and publishing results. Research management includes formulating, planning, fiscal programming, monitoring, evaluating, coordinating, and administering programs, projects, and activities. Officers with the "N" suffix conduct or manage programs, projects and activities in all parts of the nuclear enterprise to include nuclear hardness, nuclear treaty monitoring, nuclear forensics, consequence management, nuclear weapons employment planning, life-cycle management of strategic platforms and nuclear technology research. Related DoD Occupational Index: 250100.

2. Duties and Responsibilities:
2.1. Conducts and manages research. Plans research projects, determines theoretical aspects of problem, and selects methods of approach. Constructs experimental models, conducts experiments, and devises instrumentation and techniques to record and collect test results, correlates data compiled in research, analyzes and briefs results. Is cognizant of and applies interdisciplinary scientific knowledge to plan and conduct research programs.
2.2. Develops new concepts, methods, and techniques to solve scientific and operational problems. Analyzes theories and research findings to determine applications. Engages in continuous development and modification to improve performance and suitability of products and production processes. Employs mathematical techniques including probability and statistics, simulation, optimization theories, and computer systems to analyze, depict, and display data and analysis results. Develops design studies and monitors contracts.
2.3. Recommends research and development projects, and acceptance or non-acceptance of research products. Prepares technical reports, including recommendations for additional research and development projects. Maintains research records and development project records. Serves as technical consultant or representative on scientific and technical boards and committees. Maintains liaison with private sector research organizations, Air Force research and operational organizations, Army, Navy, and other government agencies.
2.4. Manages scientific programs, projects, and activities. Coordinates research efforts with related and interested agencies. Plans, organizes, and directs laboratories, field units, and staff agencies. Provides staff supervision over activities and programs. Performs as staff officer and manager in positions requiring technical specialization.
2.5. Supports highly technical operations and intelligence. Leads and manages highly technical programs supporting operations and intelligence. Develops concepts, methods, techniques, and policy in the area of chemistry, biochemistry, and weapons of mass destruction.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge of Air Force operations, doctrine, requirements, acquisition and research policies, procedures, and management practices as they apply to the specialty overall or the specific scientific suffix is mandatory.
3.2. Education. For entry education requirements see Appendix A, 61C CIP Education Matrix.
3.3. Training. The following training is mandatory as indicated:
3.3.1. 61C3: Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101.
3.3.2. 61C3N: Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101.
3.4. Experience. The following are mandatory as indicated:
3.4.1. 61C3: For award of this AFSC, a minimum of 24 months of experience in a 61C3/4 position is mandatory. It is mandatory that experience includes assignments in such activities as research, development, design, and technical writing. A master's degree in one of the specified disciplines in Appendix A, 61C CIP Education Matrix may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in one of the specified disciplines in Appendix A, 61C CIP Education Matrix fulfills the 24-month requirement.
3.4.2. 61C3N: For award of this AFSC, 24 months experience in a 61C3N/4N position within the nuclear enterprise is mandatory. A master's degree in one of the specified disciplines in Appendix A, 61C CIP Education Matrix may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in one of the specified disciplines in Appendix A, 61C CIP Education Matrix fulfills the 24 month requirement.

3.5. Other. The 61CXN specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of these AFSCs, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
N	Nuclear

AFSC 61D4*, Staff
AFSC 61D3*, Qualified
AFSC 61D1*, Entry

PHYSICIST/NUCLEAR ENGINEER
(Changed 30 Apr 16)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform research/operational assessments, and to support highly technical operations and intelligence. Research includes defining a problem, selecting methods of approach, performing experiments, accumulating and interpreting data, and publishing results. Research management includes formulating, planning, fiscal programming, monitoring, evaluating, coordinating, and administering programs, projects, and activities. 61D Physics officers concentrate efforts in areas to include but not limited to lasers, electro-optics, semiconductors, and materials science. Officers with the "N" suffix conduct or manage programs, projects, and activities in all parts of the nuclear enterprise to include nuclear hardness, nuclear treaty monitoring, nuclear forensics, consequence management, nuclear weapons employment planning, life-cycle management of strategic platforms and nuclear technology research. Related DoD Occupational Index: 25X series (See DoD Occupational Conversion Index, March 2001).

2. Duties and Responsibilities:
2.1. Conducts and manages research. Plans research projects, determines theoretical aspects of problems, and selects methods of approach. Constructs experimental models, conducts experiments, devises instrumentation and techniques to record and collect test results, correlates data compiled in research, analyzes and briefs results. Is cognizant of and applies interdisciplinary scientific knowledge to plan and conduct research programs.
2.2. Develops new concepts, methods, and techniques to solve scientific and operational problems. Analyzes theories and research findings to determine applications. Engages in continuous development and modification to improve performance and suitability of products and production processes. Employs mathematical techniques including probability and statistics, simulation, optimization theories, and computer systems to analyze, depict, and display data and analysis results. Develops design studies and monitors contracts.
2.3. Recommends research and development projects, and acceptance or non-acceptance of research products. Prepares technical reports, including recommendations for additional research and development projects. Maintains research records and development project records. Serves as technical consultant or representative on scientific and technical boards and committees. Maintains liaison with private sector research organizations, Air Force research and operational organizations, Army, Navy, and other government agencies.
2.4. Manages scientific programs, projects, and activities. Coordinates research efforts with related and interested agencies. Plans, organizes, and directs laboratories, field units, and staff agencies. Provides staff supervision over activities and programs. Performs as staff officer and manager in positions requiring technical specialization.
2.5. Supports highly technical operations and intelligence. Leads and manages highly technical programs supporting operations and intelligence. Develops concepts, methods, techniques, and policy in the area of physics, nuclear engineering, and weapons of mass destruction.

3. Specialty Qualifications:
3.1. Knowledge: Knowledge of Air Force operations, doctrine, requirements, acquisition and research policies, procedures, and management practices as they apply to the specialty overall or the specific scientific suffix is mandatory.
3.2. Education. For entry education requirements see Appendix A, 61D CIP Education Matrix.
3.3. Training. The following training is mandatory as indicated:
3.3.1. 61D3: Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) course is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101.
3.3.2. 61D3N: Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) course is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101.
3.4. Experience. The following are mandatory as indicated:
3.4.1. 61D3: For award of this AFSC, a minimum of 24 months of experience in a 61D3/4 position is mandatory. It is mandatory that experience includes assignments in such activities as research, development, design, and technical writing. A master's degree in one of the specified disciplines in Appendix A, 61D CIP Education Matrix may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in one of the specified disciplines in Appendix A, 61D CIP Education Matrix fulfills the 24-month requirement.
3.4.2. 61D3N: For award of this AFSC, 24 months of experience in a 61D3N/4N position within the nuclear enterprise is mandatory. A master's degree in one of the specified disciplines in Appendix A, 61D CIP Education Matrix may be substituted for 12 of the required 24 months experience. A doctoral degree in one of the specified disciplines in Appendix A, 61D CIP Education Matrix fulfills the 24 month requirement.

3.5. Other. 61DXN specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of these AFSCs, completion of a current T5 Investigation 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.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
N	Nuclear

DEVELOPMENTAL ENGINEERING UTILIZATION FIELD (62XX)

Introduction
(Changed 30 Apr 14, Effective 22 Nov 13)

The Developmental Engineering Utilization Field encompasses the design, development, installation, modification, testing, and analyses of materials, techniques, or processes. Each specialty includes responsibilities for management of programs, projects, and activities established to perform development engineering in that specialty.

AFSC 62E4, Staff Developmental Engineer identifies a planning and policy-making position above wing level that requires general or multilateral development engineering skills where technical management functions are of primary importance. Positions above wing level that require specialized engineering skills are coded 62E3X as follows.

AFSC 62E3E, Electrical/Electronic, AFSC 62E3H, Mechanical, AFSC 62E3B, Astronautical, and AFSC 62E3A, Aeronautical, are specialties in which developmental engineering management requires technical specialization and an academic degree in a particular specialty. AFSC 62E3G, Project, identifies project engineering or technical management functions that require an engineering degree but not in a particular specialty. AFSCs 62E3X are authorized for officer positions above wing level where specific technical expertise is required for that position.

AFSC 62S0, Materiel Leader, identifies officers serving in competitively selected Developmental Engineering leadership positions.

For specific information on educational requirements for entry into AFSCs 62XX, please review Appendix A, Classification of Instructional Programs (CIP) Matrices.

AFSC 62E4, Staff
AFSC 62E3*, Qualified
AFSC 62E1*, Entry

DEVELOPMENTAL ENGINEER
(Changed 30 Apr 16)

1. Specialty Summary. Plans, organizes, manages, and implements systems engineering processes to assure required capability delivery over the life cycle of Air Force systems. Included are accomplishing specialized engineering processes and sub-processes; formulating engineering policy and procedures; and coordinating and directing engineering and technical management activities and operations necessary for system conception, development, production, verification, deployment, sustainment, operations, support, training, and disposal. This includes technical management associated with the requirements definition, design, manufacturing and quality, test, support engineering and technologies, modifications, spares acquisition, technical orders, mission critical computer resources, support equipment, and specialized engineering. Related DoD Occupational Group: 240400. (See individual suffixes for specific engineering occupational codes.)

2. Duties and Responsibilities:
2.1. Accomplishes systems engineering processes and sub-processes. Performs systems planning activities associated with design, development, manufacturing, sustainment, and modification of systems to satisfy customer requirements. Identifies and transitions new technologies in systems and subsystems. Prepares, evaluates, and implements methods, processes, and techniques that support system design to improve performance, reliability, and maintainability for systems development and modification programs. Conducts design studies and manages studies contracted to industries. Participates in formulating program documentation and progress assessments for all phases of the acquisition process. Provides technical consultation.
2.2. Coordinates engineering and technical management activities. Advises management and staff on operations, current and revised policies and procedures, and new business practices. Coordinates with other functional activities to accomplish advance planning and to ensure process integration is accomplished, accurate, and understood. Maintains engineering and technical management liaison with contractors, Air Force field organizations, Army, Navy, Foreign Military Sales, and other governmental agencies.
2.3. Formulates engineering and technical management policies and procedures. Continuously analyzes technical policies and procedures, products, and services to improve customer support. Establishes policies and procedures based on improved processes, methods, and sound business practices.
2.4. Plans, organizes, and directs engineering and technical management operations. Plans, schedules, and allocates work. Maintains work flow data to meet deadlines and established priorities. Analyzes Air Force requirements to determine if existing technical related infrastructure is capable of meeting customer needs. Directs personnel performing development and sustainment functions.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of the Air Force systems engineering process, including development, test, and engineering policies, procedures, and management practices.
3.2. Education. For entry education requirements see Appendix A, 62E CIP Education Matrix.
3.2.1. 62E4. Undergraduate academic specialization or advanced degree in engineering unless member possesses a fully qualified AFSC in a suffix of this specialty.
3.2.2. 62E1X. Undergraduate engineering degree in the specialization identified by the suffix except shredouts F, and G.
3.2.3. 62E1F. Completion of the Air Force Flight Test Engineer Course or comparable US Navy or foreign flight test engineer course.
3.2.4. 62E1G. Undergraduate academic specialization in engineering.
3.3. Training. The following training is mandatory for award of the AFSC indicated:
3.3.1. 62E3X. Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) course is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101.
3.3.2. 62E3F. Completion of Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) course and Defense Acquisition University (DAU) Fundamentals of Systems Acquisition Management (ACQ 101) course is mandatory. Prior to 31 October 2009, officers were required to have completed AETC's Acquisition Fundamentals course (L30QR63A1), AFIT's FAM 103, or DAU's ACQ 101. In addition, completion of the Air Force Flight Test Engineer Course or comparable US Navy or foreign flight test engineer course.
3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
3.4.1. 62E3F. A minimum of 6 months of experience as a flight test engineer defined as 6 months of service in a 62E3F position.
3.4.2. 62E3X. A minimum of 24 months of experience is mandatory for upgrade to fully qualified in the specialty suffix. It is mandatory that experience include assignments in such activities as research, development, design, and technical writing in the suffix specialization. A master's degree in the specialization may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in the suffix specialization fulfills the 24 month requirement.
3.5. Other. Not used.

4. *Specialty Shredouts:

Suffix	*Portion of AFS to Which Related*
A	Aeronautical (DoD Occ Code: 240400)
B	Astronautical (DoD Occ Code: 240400)
C	Computer Systems (DoD Occ Code: 240200)
E	Electrical/Electronic (DoD Occ Code: 240200)
F	Flight Test (DoD Occ Code: 240400)
G	Project (DoD Occ Code: 251200)
H	Mechanical (DoD Occ Code: 240400)
I	Systems/Industrial/Human Factors

AFSC 62S0

MATERIEL LEADER
(Changed 30 Apr 16)

1. Specialty Summary. Directs test and evaluation activities for major system programs typically identified by one or more of the following: Air Force Executive Program; Defense Enterprise Program; DoDI 5000.02 Operation of the Defense Acquisition System; Secretary of the Air Force Program Assessment Review Program; a highly sensitive or highly visible program of significance to the Air Force; or Congressional Selected Acquisition Reporting Program. Alternatively, directs a portfolio of non-major system programs. Related DoD Occupational Group: 251200.

2. Duties and Responsibilities:
2.1. Directs test and evaluation activities for high precedence acquisition programs critical to fulfilling a priority DoD mission. Provides executive leadership and technical expertise through all phases of the acquisition life cycle for a major program because of its urgency of need, developmental risk, joint funding, congressional interest, and other similar factors. Delegates responsibility for preparing development, production, deployment, and system support plans. Responsible for personnel and financial resources allocated to program. Supervises program managers. Directs program activities pertaining to acquisition logistics, configuration and data management, contracting, engineering, manufacturing, program control, system safety, and test and evaluation. Assures development and delivery of program systems. Develops and motivates trained and experienced personnel for acquisition careers. Maintains relations with industry, educational institutions, professional organizations, and the civilian community.
2.2. Delivers operational systems to commands. Responsive to user environment, concerns, and requirements. Coordinates program requirements and actions with commands. Promotes technology, base enhancement, and technology transition into systems. Establishes and supervises boards, working groups, and panels to assure smooth transition of systems and equipment to commands. Trains operations and maintenance personnel in conjunction with the system contractors, training agencies, and testing and using activities.
2.3. Translates operational requirements into acquisition programs, evaluates contractor proposals, and recommends implementing actions. Establishes plans for system acquisition, including testing and evaluating programs progress. Ensures availability of operable and supportable systems and equipment on established schedules. Formulates policies and procedures for developing, procuring, and producing activities. Makes changes to the acquisition program to achieve desired outcomes.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: DoD and Air Force systems engineering procedures pertinent to development, procurement, production, and logistics support; operational environment; and techniques of employment for the system being acquired.
3.2. Education: For entry education requirements, see Appendix A, 62E CIP Education Matrix. Specific education qualification criteria will vary depending on position requirements. Award of the 62S AFSC will be governed by the 62E CIP Education Matrix associated with the required 62E shred.
3.3. Training. A Defense Acquisition Workforce Improvement Act (DAWIA) Level 2 certificate in Test and Evaluation (T&E) and/or Engineering is mandatory.
3.4. Experience. Not used.
3.5. Other. Not used.

ACQUISITION UTILIZATION FIELD (63XX)
(Changed 30 Apr 16)

Introduction

The Acquisition Utilization Field encompasses staff and management functions peculiar to the Air Force acquisition life cycle. Air Force Supplement 1 to DoDI 5000.2, *Defense Acquisition Management Policies and Procedures,* provides basic and detailed guidance for acquisition programs.

Specific instructions on the utilization of the AFSCs follow:

It is desirable that entry into the career field be preceded by assignment in another utilization field whenever possible. Officers who enter the career field on their initial tour should seek a subsequent assignment in another utilization field followed by a return to the acquisition program management career field. This desired career broadening is to provide a better perspective and understanding of the interfaces between functions of acquisition management and related functions in the developing, operating, training, and support commands. Lateral inputs will include only those officers who have clearly demonstrated a potential for effective administration and program management beyond their basic specialty.

For specific information on educational requirements for entry into AFSCs 63AX, see Appendix A, Paragraph 23, 63A CIP Education Matrix.

AFSC 63A4, Acquisition Manager, identifies staff positions with responsibilities for systems, major subsystems or equipment, or in the overall aspects of the program management effort.

AFSC 63A3, Acquisition Manager, identifies positions with the responsibilities for assisting in the planning and management of the system, subsystem, or equipment acquisition programs.

AFSC 63S0, Materiel Leader, and AFSC 63G0, Senior Materiel Leader, identifies officers serving in competitively selected Acquisition Management positions of high import.

The terms "program" and "program management" are concerned with the acquisition effort managed by the Air Force. In addition, the term "logistics" relates to the Integrated Logistics Support function performed by the program manager with the assistance of the Air Force Materiel Command.

AFSC 63A4, Staff
AFSC 63A3, Qualified
AFSC 63A1, Entry

ACQUISITION MANAGER
(Changed 30 Oct 18)

1. Specialty Summary. Manages defense acquisition programs covering every aspect of the acquisition process, including integrating engineering, program control, test and deployment, configuration management, production and manufacturing, quality assurance, and logistics support. Performs functions essential to acquisition programs involving major defense acquisition programs and other than major systems or subsystems. Performs acquisition support roles. Related DoD Occupational Group: 280400.

2. Duties and Responsibilities:
2.1. Plans and organizes acquisition management activities. Plans, organizes, and develops program management techniques, and establishes internal controls to manage acquisition programs and support functions. Determines organizational structure, personnel, training needs, and security requirements. Establishes performance standards, work schedules, and priorities. Develops, reviews, coordinates, and executes acquisition management plans to support daily operations, contingencies, and war fighting capabilities.
2.2. Directs acquisition management activities. Supervises, manages, and administers all aspects of acquisition programs. Includes direction and participation to establish military, economic, and technical bases for acquisition programs in conceptual phases and throughout the validation, engineering and manufacturing, production, and deployment phases of an acquisition life cycle. Manages cost, schedules, performance, and supportability of acquisition programs, discrete portions of programs, or support activities.
2.3. Coordinates acquisition management activities. Advises commanders and staff on status and progress of acquisition programs. Coordinates with commander, staff, and units to develop and execute acquisition program plans and schedules. Serves as project manager having cost, schedule, logistics, and engineering responsibilities for a discrete portion of a program, either hardware or software. Manages systems integration activities, including identifying and resolving subsystem, hardware and software interface, or logistics problems to support optimum system design. Performs integrated logistics support engineering and planning tasks.
2.4. Performs program management functions. Manages tasks associated with engineering, program control, configuration management, test, manufacturing and quality assurance, and integrated logistics support. Responsive to user environment, concerns, and requirements. Coordinates with users to translate operational requirements and system design into definitive subsystem and equipment acquisition programs. Manages program progress to ensure availability of operable and supportable subsystems and equipment. Makes changes to acquisition program to achieve desired outcomes.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: DoD and Air Force system, subsystem, and equipment acquisition program management philosophy, policies, and procedures applicable through several phases of an acquisition life cycle; and program management procedures pertinent to development, procurement, production, logistics support, and techniques of employment for the system being acquired.
3.2. Education. For entry education requirements see Appendix A, 63A CIP Education Matrix.
3.3. Training. Completion of Defense Acquisition university (DAU) Fundamentals of Systems Acquisition Management 9ACQ 101) is required for all ranks. The Air Force Institute of Technology (AFIT) School of Systems and Logistics Fundamentals of Acquisition Management (FAM 103) is only required for officers in the rank of O-1 to O-4.
3.4. Experience. For award of 63A3 AFSC, a minimum of 24 months of experience in a 63A3 position or a Defense Acquisition Workforce Improvement Act (DAWIA) Level 2 certificate in Program Management is mandatory.
3.5. Other. Not used.

AFSC 63G0

SENIOR MATERIEL LEADER-LOWER ECHELON
(Changed 30 Apr 16)

1. Specialty Summary. Directs major defense system acquisition programs typically identified by one or more of the following: Defense Enterprise Program; DoDI 5000.02 Operation of the Defense Acquisition System; a highly sensitive or highly visible program of significance to the Air Force; or Congressional Selected Acquisition Reporting Program. Alternatively, directs a portfolio of non-major system programs. Related DoD Occupational Group: 251200.

2. Duties and Responsibilities:
2.1. Directs high precedence acquisition programs critical to fulfilling a priority DoD mission. Provides executive leadership and management expertise through all phases of the acquisition life cycle for a major program because of its urgency of need, developmental risk, joint funding, congressional interest, and other similar factors. Delegates responsibility for preparing development, production, deployment, and system support plans. Responsible for personnel and financial resources allocated to program. Supervises program managers. Directs program activities pertaining to acquisition logistics, configuration and data management, contracting, engineering, manufacturing, program control, system safety, and test and evaluation. Assures development and delivery of program systems. Develops and motivates trained and experienced personnel for acquisition careers. Maintains relations with industry, educational institutions, professional organizations, and the civilian community.
2.2. Delivers operational systems to commands. Responsive to user environment, concerns, and requirements. Coordinates program requirements and actions with commands. Promotes technology, base enhancement, and technology transition into systems. Establishes and supervises boards, working groups, and panels to assure smooth transition of systems and equipment to commands. Trains operations and maintenance personnel in conjunction with the system contractors, training agencies, and testing and using activities.
2.3. Translates operational requirements into acquisition programs, evaluates contractor proposals, and recommends implementing actions. Establishes plans for system acquisition, including testing and evaluating programs progress. Ensures availability of operable and supportable systems and equipment on established schedules. Formulates policies and procedures for developing, procuring, and producing activities. Makes changes to the acquisition program to achieve desired outcomes.
2.4. Organizes and directs Systems Program Office. Develops organization and manning requirements. Schedules formal training, develops acquisition skills of Systems Program Office members, and implements lessons learned. Initiates plans, policies, and programs for managing engineering and other personnel. Interprets and directs execution of policies, procedures, regulations, and directives. Manages and directs collective actions of participating organizations. Ensures proposals and changes are sound in terms of operational, development, procurement, production, and support requirements. Ensures the Systems Program Office functions as the Air Force focal point for contractors supporting a program, and acts as the official source of information. Establishes a program baseline, and manages within it. Maintains an assessment of program progress and performance versus requirements, threat, schedule, and cost. Informs headquarters of recommended changes and potential and actual breaches of program thresholds. Ensures accomplishment of program budgeting, funding, and accounting functions. Manages program costs by forcing identification of life cycle costs, developing "design to" cost parameters, and weighing all program decisions and program cost thresholds.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: DoD and Air Force program management procedures pertinent to development, procurement, production, and logistics support; operational environment; and techniques of employment for the system being acquired.
3.2. Education: For entry education requirements, see Appendix A, 63A CIP Education Matrix. Award of the 63G AFSC will be governed by the 63A CIP Education Matrix.
3.3. Training. Not used.
3.4. Experience. A Defense Acquisition Workforce Improvement Act (DAWIA) Level 3 certificate in Program Management (PM) is mandatory.
3.5. Other. Not used.

AFSC 63S0

MATERIEL LEADER
(Changed 30 Apr 16)

1. Specialty Summary. Directs major system or subsystem programs typically identified by one or more of the following: Defense Enterprise Program; DoDI 5000.02 Operation of the Defense Acquisition System; a highly sensitive or highly visible program of significance to the Air Force; or Congressional Selected Acquisition Reporting Program. Alternatively, directs a portfolio of non-major system programs. Related DoD Occupational Group: 251200.

2. Duties and Responsibilities:
2.1. Directs high precedence acquisition programs critical to fulfilling a priority DoD mission. Provides executive leadership and management expertise through all phases of the acquisition life cycle for a major program because of its urgency of need, developmental risk, joint funding, congressional interest, and other similar factors. Delegates responsibility for preparing development, production, deployment, and system support plans. Responsible for personnel and financial resources allocated to program. Supervises program managers. Directs program activities pertaining to acquisition logistics, configuration and data management, contracting, engineering, manufacturing, program control, system safety, and test and evaluation. Assures development and delivery of program systems. Develops and motivates trained and experienced personnel for acquisition careers. Maintains relations with industry, educational institutions, professional organizations, and the civilian community.
2.2. Delivers operational systems to commands. Responsive to user environment, concerns, and requirements. Coordinates program requirements and actions with commands. Promotes technology, base enhancement, and technology transition into systems. Establishes and supervises boards, working groups, and panels to assure smooth transition of systems and equipment to commands. Trains operations and maintenance personnel in conjunction with the system contractors, training agencies, and testing and using activities.
2.3. Translates operational requirements into acquisition programs, evaluates contractor proposals, and recommends implementing actions. Establishes plans for system acquisition, including testing and evaluating programs progress. Ensures availability of operable and supportable systems and equipment on established schedules. Formulates policies and procedures for developing, procuring, and producing activities. Makes changes to the acquisition program to achieve desired outcomes.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: DoD and Air Force program management procedures pertinent to development, procurement, production, and logistics support; operational environment; and techniques of employment for the system being acquired.
3.2. Education: For entry education requirements, see Appendix A, Paragraph 23, 63A CIP Education Matrix. Award of the 63S AFSC will be governed by the 63A CIP Education Matrix.
3.3. Training. Not used.
3.4. Experience. A Defense Acquisition Workforce Improvement Act (DAWIA) Level 2 certificate in Program Management (PM) is mandatory.
3.5. Other. Not used.

CONTRACTING UTILIZATION FIELD (64PX)

Introduction

The Contracting Utilization Field encompasses the functions of contracting for systems supplies and services, assessing a contractor's ability to economically manufacture a product; and preparing, competing, negotiating, awarding, and administering contracts through both operational and central systems contracting programs.

To progress in this utilization field, officers should ensure a diversity of assignments in all aspects of the utilization field before becoming qualified for staff level assignments.

AFSC 64P4, Staff
AFSC 64P3, Qualified
AFSC 64P1, Entry

CONTRACTING
(Changed 30 Apr 16, Effective 18 Jun 15)

1. Specialty Summary. Plans, organizes, manages, and accomplishes contracting functions to provide supplies and services essential to Air Force daily operations and war-fighting mission. Included are accomplishing contracting system processes, formulating contracting policy and procedures, coordinating contracting activities, and directing contracting operations. The contracting system includes effective acquisition planning, solicitation, cost or price analysis, evaluating offers, source selection, contract award, and contract administration. Related DoD Occupational Group: 280400.

2. Duties and Responsibilities:
2.1. Accomplishes contracting processes and functions. Performs acquisition planning to include analyzing purchase requests and technical documents for suitability and determining the proper contracting method and contract type. Prepares and distributes solicitations. Evaluates offers, including cost or price analysis, contractor responsibility and responsiveness to solicitation, and evaluating other selected factors (e.g., quality, contractor management and facilities, delivery, etc.). Selects contract source, assembles contracts, and makes awards. Administers contracts to ensure contract compliance. Negotiates modifications, and takes termination actions for convenience of the government or for default.
2.2. Coordinates contracting activities. Advises commander and staff on contracting operations, as well as impact of new directives and policy on the contracting system. Coordinates with other functional activities to accomplish advance planning and ensure adequacy and correctness of contracting approach, lead-time, purchase descriptions, specifications, funding, etc. Confers with other government agencies, military departments, and commercial concerns to explain mission requirements, contractual interpretations, and policy, program interpretation. Coordinates with staff agencies to accomplish overall mission.
2.3. Formulates contracting policies and procedures. Analyzes contracting system and establishes policies and procedures necessary to improve contracting process and its customer support. Establishes policies based on sound business practices and highest standards of ethical conduct and fiscal responsibility. Develops automated systems essential to enhancing contracting efficiency. Manages military and civilian career development programs to ensure individuals have the opportunity for training, education, and experience needed for mission success and personal advancement.
2.4. Plans, organizes, and directs contracting operations. Directs contracting functions and fosters environment where contracting activities and customers form teams dedicated to meeting Air Force requirements. Determines organizational structure, physical facilities, and personnel requirements for accomplishing contracting responsibilities. Directs accomplishment of contracting system functions, ensures contracting system is responsive to mission needs and requirements, and ensures compliance with statutory and regulatory requirements. Develops and implements internal systems and processes, manual and automated, required to accomplish and monitor the contracting mission.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of contracting process fundamentals, federal acquisition and contracting directives and publications, budgeting and funding procedures, and contract pricing.
3.2. Education. For entry education requirements see Appendix A, 64P CIP Education Matrix.
3.3. Training. For award of AFSC 64P3, it is mandatory to complete the Mission Ready Contracting Officer (MRCO) course, or SAF/AQC-approved equivalent, and complete the Career Field Education and Training Plan requirements.
3.4. Experience. For award of AFSC 64P3, a minimum of 12 months of experience in contracting assignments is mandatory. Also, experience in functions such as determining applicable methods of contracting; developing invitations for bids and requests for proposals; evaluating bids and proposals; and awarding, administering, and terminating contracts.
3.5. Not used.

FINANCE UTILIZATION FIELD (65XX)

Introduction
(Changed 31 Oct 15)

The Finance Utilization Field encompasses the functions of policy planning and assistance in programming formulation, direction, and inspection of fiscal management activities. Functions include analysis, evaluation, and presentation to commanders and staff information on all operations programs, and projected plans to support command objectives in the most efficient and economical manner within available resources. Involved are preparation and defense of the budget; disbursement, collection, and accounting for public funds; accounting for obligations and expenditures of appropriated and non-appropriated funds; maintenance of reports control system; collection, analysis, interpretation, and presentation of quantitative data pertaining to all Air Force operations.

AFSC 65F4, Staff
AFSC 65F3, Qualified
AFSC 65F1, Entry

FINANCIAL MANAGEMENT
(Changed 31 Oct 15, Effective 26 Feb 15)

1. Specialty Summary. Leads, plans, organizes, manages, and accomplishes financial management activities in support of daily operations and war-fighting mission. Included in these activities are financial programs and operations; accounting liaison and pay services; budget preparation and execution; program, cost, and economic analysis; non-appropriated fund oversight; audit management; bank liaison; policy and procedures; fiscal law; internal controls; and quality assurance. Identifies management problems, develops special studies and analyses to develop alternatives and recommend solutions. Provides decision support serving as financial adviser to commander and staff. Related DoD Occupational Group: 270400.

2. Duties and Responsibilities:
2.1. Plans, organizes, develops techniques and establishes internal controls to manage financial services and analysis operations. Determines organizational structure, personnel, training needs, and security requirements for safeguarding entrusted assets. Establishes performance standards, work schedules, and priorities. Develops, reviews, coordinates, and executes financial management plans to support peacetime, exercise, contingency, and wartime operations. Establishes training program for functional professional development.
2.2. Directs financial management activities. Supervises, manages, and administers financial services and/or analysis activities. These include reviewing adequacy of internal controls and quality of services; providing assistance and performing cost estimates and economic analysis; and overseeing funds distribution and management. Establishes performance standards to evaluate cost and efficiency. Inspects, reviews, and evaluates effectiveness of work methods, procedures, and personnel. Provides customer service. Interacts and coordinates with organizations on financial matters. Interprets financial directives.
2.3. Coordinates financial management activities. Advises commander and staff on status and progress of command programs. Coordinates with commander, staff, and units in developing and executing financial plans, schedules, and programs. Advises, coordinates, and makes recommendations on validity and propriety of requirements, effective allocation and use of financial resources, and redistribution of resources within fund limitations. Verifies estimated costs are realistic and reasonable. Coordinates on deficiencies noted in reports from audits, and inspections. Maintains liaison with other agencies to develop standards for financial management policy and procedures.
2.4. Performs financial management functions. Formulates guidelines for phasing in projected programs and mission changes. Assures identification of required financial resources. Provides forecasts of financial posture. Engages and assists in preparing, programming actions for future year budget requirements. Prepares, justifies and submits financial plan, budget estimates and supplemental budget requirements. Ensures validity of obligations within the language of appropriation acts, current laws, and governing directives. Maintains statutory responsibility for preventing over-obligation of appropriated funds through funds certification. Collects, analyzes, and interprets resource data. Establishes procedures and safeguards against fraud and fund losses. Evaluates impact of legislative action, executive orders and Comptroller General decisions on financial operations. Formulates financial management policies and procedures. Provides professional advice and management skills in developing and maintaining banking and credit union services. Provides analysis, policy, and oversight for non-appropriated fund financial management. Conducts analyses supporting cost projection and resource utilization effectiveness. Performs, reviews, and certifies adequacy of cost comparisons and economic analyses.
2.5. Conducts financial management and information studies. Prepares studies evaluating the effects of changes in policies, procedures, and technology. Prepares findings and recommendations for presentation to commander and staff.
2.6. Maintains proficiency and trains others in financial management during contingency/war fighting operations.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: general accounting principles pertaining to governmental, commercial, managerial, and cost accounting; Air Force concepts and objectives and their relationship to effective, economical execution of the mission; fiscal laws, executive orders, Comptroller General decisions, instructions, and directives; Air Force budget structure and policy; fiscal procedures, including resource allocation and fund control procedures; cost estimating, economic analysis, and quantitative statistical analysis; and computer applications.
3.2. Education. For entry education requirements see Appendix A, 65F CIP Education Matrix.
3.3. Training. For award of AFSC 65F3, completion of the Basic Financial Management Officer course is mandatory.
3.4. Experience. For award of AFSC 65F3, a minimum of 18 months of experience is mandatory in financial management assignments.
3.5. Other. The following are mandatory for entry, award, and retention of this AFSC:
3.5.1 No record of conviction by a civilian court for offenses involving larceny, robbery, wrongful appropriation, burglary, or fraud.
3.5.2. Never received non-judicial punishment under the Uniform Code of Military Justice (UCMJ) for offenses involving acts of larceny, wrongful appropriation, robbery, burglary or fraud as defined in UCMJ Articles 121, 122, 129, and 132 or never been convicted by military courts-martial for these same offenses.

AFSC 65W4, Staff
AFSC 65W3, Qualified
AFSC 65W1, Entry

COST ANALYSIS
(Changed 31 Oct 15)

1. Specialty Summary. Provide commanders/leadership with sound, technical and quantitative information as a basis for making financial and programmatic decisions. Leads and conducts analysis and studies to estimate cost and evaluate performance against standards, operational systems, acquisition programs, and support activities in support of daily operations and the war-fighting mission. Performs cost, economic, and business case analyses and conducts research essential to operational mission and involving major defense acquisition programs. Related DoD Occupational Group: 270400.

2. Duties and Responsibilities:
2.1. Advises commanders/leadership on financial and programmatic planning under the following conditions: uncertainty and risk arising from a lack of current experience and/or knowledge; conflicts in environmental, political and economic objectives; a variety of possible alternatives; the failure of current system to meet Joint and/or Air Force goals and priorities; the modification of current systems to meet Joint and/or Air Force missions, goals and priorities. Supports justification of budgets, cost estimates and advises on programmatic actions.
2.2. Develops cost estimates and performs cost assessments in support of daily operations and warfighting missions, system program offices, Service Cost positions, annual validations and the Air Force, Joint and DoD Corporate structure.
2.3. Leads, plans and organizes cost analysis activities. Plans, organizes, and supervises cost activities and programs. Establishes procedures and techniques for analyzing and evaluating performance against standards and developing and validating data sources. Develops, reviews, coordinates and administers research activities as well as education and training programs.
2.4. Designs and develops cost estimating and analysis methods, processes, and techniques. Develops improvements in Air Force Analytical performance capabilities. Develops cost estimating relationships and factors. Develops standards and techniques for evaluating adequacy of cost activities and capabilities. Determines acceptability of contractor's management control systems, analyzes cost and schedule performance data, and ensures maintenance of accepted systems.
2.5 Supports acquisition milestones and source selections. Systematically examines alternative courses of action and performs trade off studies to define and clarify financial advantages and disadvantages.
2.6 Coordinates and provides cost analysis services. Provides technical assistance to other agencies on cost related issues. Develops solutions and implementation plans and presents findings to decision makers. Plans and conducts research projects leading to improved analytical concepts, methods, and techniques. Reviews and evaluates cost reports submitted by other agencies.
2.7 Performs cost and economic analyses. Performs studies to estimate cost, analyze risk, and evaluate effectiveness of force structures, weapon systems, information systems, research and technology programs, and support activities. Performs, reviews, and certifies adequacy of cost comparison and economic analyses. Serves on technical and financial boards and committees.
2.8 Maintains proficiency and trains others in financial management during contingency/war-fighting operations.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: cost, economic, and business case analysis, financial and economic problems and solutions, collecting data and normalizing, development of data analysis methods, risk assessment, collaboration in team environment, statistical and presentation techniques, resource allocation process, and basic computer applications.
3.2. Education. For entry education requirements see Appendix A, 65F CIP Education Matrix.
3.3. Training. For award of AFSC 65W3, completion of the Basic Financial Management Officer course is mandatory.
3.4. Experience. For award of AFSC 65W3, a minimum of 18 months of experience is mandatory in cost analysis assignments.
3.5. Other. The following are mandatory for entry, award, and retention of this AFSC:
3.5.1. No record of conviction by a civilian court for offenses involving larceny, robbery, wrongful appropriation, burglary, or fraud.
3.5.2. Never received non-judicial punishment under the Uniform Code of Military Justice (UCMJ) for offenses involving acts of larceny, wrongful appropriation, robbery, burglary or fraud as defined in UCMJ Articles 121, 122, 129, and 132 or never been convicted by military courts-martial for these same offenses.

SPECIAL INVESTIGATIONS CAREER AREA (71SX)

Introduction

The Special Investigations Career Area encompasses the functions of program formulation and policy planning; control and direction of investigations involving possible acts of espionage, sabotage, treason, and other subversive acts; investigation of major violations of the Uniform Code of Military Justice and applicable federal statutes, and violations of public trust, such as fraud, bribery, and other criminal irregularities, with particular reference to the procurement or disposition of government property; conduct of background investigations of Department of Defense personnel in overseas areas at the request of the Defense Investigative Service; and conduct of special inquiries directed by competent authority.

Excluded from this career area are the investigative functions of administrative boards or persons appointed by the commander to investigate such matters as line-of-duty and aircraft accidents.

AFSC 71S4, Staff
AFSC 71S3, Qualified
AFSC 71S1, Entry

SPECIAL INVESTIGATIONS
(Changed 31 Oct 15, Effective 26 Feb 15)

1. Specialty Summary. Manages and conducts special investigations, to include criminal, fraud, counterintelligence, internal security, and technical services investigations, and other related activities. Related DoD Occupational Group: 230300.

2. Duties and Responsibilities:
2.1. Formulates special investigations policy governing investigative and related programs in counterintelligence, cyber threats, counter threat, criminal, fraud, and technical services areas. Establishes investigative work loads based on complexity of cases and capability of units and assigned special agents. Determines requirements for facilities, material, and personnel, to include office space, communications, services, supplies, vehicles, budget requirements, and investigative equipment. Determines requirements for military and civilian agents and administrative support based on work load or unit investigative area. Establishes organization, location, and operational procedures, including budget, logistical, and technical support for Air Force Office of Special Investigations (AFOSI) units. Establishes procedures for operational control and dissemination of investigative reports and special studies. Develops standards to evaluate performance of investigative personnel and activities. Establishes training programs for AFOSI, DoD organizations, and foreign allied personnel.
2.2. Coordinates special investigation activities. Serves as representative on committees and boards. Conducts joint investigations and operations with agencies such as, protective services to the United States State Department and the Secret Service for the President, First Family, and other high-level United States and foreign dignitaries. Conducts operational coordination with counterintelligence, investigative, and law enforcement agencies. Provides information, formal studies, or reports to USAF commanders and Air Staff officials on trends and patterns of irregularities, weaknesses, and offenses in the counterintelligence, criminal, fraud, and technical services area.
2.3. Monitors and directs special investigations activities. Prepares instructions and procedures for use in investigations of complex or sensitive nature. Analyzes and disseminates information of counterintelligence, criminal, fraud, internal security, and technical services nature to USAF commanders and other federal, DoD, state, and local agencies. Provides counterintelligence support to Air Force participation in international arms control treaties. Manages counterintelligence, criminal, and fraud intelligence information collection systems. Prepares budget estimates based on workloads, special requirements for investigative functions, and forecasts of future needs. Inspects special investigative activities to determine management effectiveness and status of relations with USAF command officials and federal, DoD, state, and local agencies.

3. Specialty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: special investigative policy, procedures, and techniques concerning criminal, fraud, counterintelligence, personnel background, and technical security services.
3.2. Education. For entry education requirements see Appendix A, 71S CIP Education Matrix.
3.3. Training. For award of AFSC 71S3, completion of the special investigators' course at the Air Force Special Investigations Academy is mandatory.
3.4. Experience. For award of AFSC 71S3, experience is mandatory performing, supervising, or directing functions in criminal, fraud, counterintelligence, cyber investigations/forensics, technical services, policy formulation, or devising procedures to implement special investigations.
3.5. Other.
3.5.1. The following are mandatory for entry in these AFSCs:
3.5.1.1. Force officers (grades O-1 through O-3) with less than 12 years total active federal military service and no more than six years total commissioned service.
3.5.1.2. Favorable interview by an AFOSI detachment commander documented on an AFOSI IMT 151, *Report of Interview for AFOSI Assignment.*
3.5.2. The following are mandatory for entry, award, and retention of these AFSCs:
3.5.2.1. Certification by Commander of AFOSI.
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. Ability to speak and write English clearly and distinctly.
3.5.2.4. Must possess or be eligible for a valid state vehicle operator's permit.
3.5.2.5. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards.*
3.5.2.6. No record of emotional instability.
3.5.3. The following are mandatory for award and retention of these AFSCs:

3.5.3.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of AFSCs 71SX, completion of a current T5 Investigation 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.

3.5.3.2. 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, and officers assigned to and performing an actual group of tasks on a semi-permanent or permanent duty basis. These duties are unrelated to any specific utilization field. No significance as to the interrelationship of these SDIs should be inferred from their grouping within this section.

SDI 80C0

COMMANDER, CADET SQUADRON, USAF ACADEMY
(Changed 30 Apr 04)

1. Special Duty Summary. Commands a squadron of the US Air Force Academy Cadet Wing. Related DoD Occupational Group: 270200.

2. Duties and Responsibilities:
2.1. Commands through unique role as principal advisor and role model to cadet chain of command. Responsible to help guide the cadet chain of command in maintaining high standards of discipline, developing unit spirit de corps and implementing training programs following operational USAF practices. Responsible for developing cadets into officers.
2.2. Coordinates training and instructional programs. Controls unit integration of instructional training, military training, drill and ceremonies, formal and informal social events, and a wide variety of extracurricular activities involving the Academy staff, faculty, and cadets. Monitors unit performance in all Academy athletic programs, including intramural, recreational sports and physical fitness programs.
2.3. Counsels cadets. Aids them through academic, conduct, aptitude, athletic or honor probation by establishing a formal rehabilitation program. Be knowledgeable of assistance agencies and provide information to assist cadets. Follow-up on problems as necessary.
2.4. Evaluate cadets. Maintains records and documentation to support evaluations and recommendations as it relates to their military performance, commissioning suitability, recommendations to review committee boards, leadership positions, and order of merit among peers. Assesses cadet aptitude for commissioned service. Advises other Academy agencies of the status and capabilities of each cadet.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge is mandatory of military customs and courtesies, command administration, personnel management, and personal affairs.
3.2. Education. For entry into this SDI, undergraduate academic specialization in engineering, arts, social sciences, physical science, business, or management is desirable.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. Not used.
3.5.1. Completion of special localized training is mandatory prior to assuming duties. Completion of the AFIT Air Officer Commanding Master's Degree program is mandatory to retain this SDI
3.5.2. Additional qualifications and application procedures for this SDI are in AFI 36-2110, *Assignments*.

SDI 81C0

INSTRUCTOR, OFFICER TRAINING SCHOOL
(Changed 30 Apr 19)

1. Special Duty Summary. Commands, instructs, evaluates, counsels, and monitors all student training phases. Related DoD Occupational Group: 270200.

2. Duties and Responsibilities:

2.1. Leads and trains flights comprised of cadre and/or trainees, or performs the role of Director of Operations, Chief of Training, Chief of Standards and Evaluations, Chief of Scheduling, and Assistant Director of Operations. Motivates students to become professional Air Force career officers. Develops training policies involving discipline, military training, administration, and academic progress. Conducts squadron and individual flight inspections, selects student staff and commanders, and monitors student welfare. Implements programs to resolve personal adjustment problems, provides student guidance, and implements higher headquarters' directives and policies.

2.2. Determines aptitude for commissioned service. Evaluates individual potential, attitudes, training performance, and overall aptitude for commissioned service. Analyzes individual deficiencies, conducts remedial training, and directs faculty board action for students lacking aptitude for commissioned service.

2.3. Directs and monitors training programs. Supervises commissioning training, and conducts professional instruction for academic, military, and physical training courses. Maintains a record of student progress and evaluates all phases of student mission accomplishment.

3. Special Duty Qualifications:

3.1. Knowledge. Knowledge is mandatory of military customs and courtesies, command administration, and instructional techniques.

3.2. Education. Not used.

3.3. Training. Not used.

3.4. Experience. Captains with two years time in grade and appropriate supervisory experience.

3.5. Other. Must be able to accomplish all phases of a physical fitness assessment and may not have any PFA failures with in last 2 years.

SDI 81D0

AIR FORCE RESERVE OFFICER TRAINING CORPS DETACHMENT COMMANDER AND PROFESSOR OF AEROSPACE STUDIES
(Established 30 Apr 30)

1. Special Duty Summary. Commands, leads, directs and manages an AFROTC unit that administers a college-level officer training program. Related DoD Occupational Group: 210200.

2. Duties and Responsibilities:
2.1. Serves as senior Air Force officer at a geographically-separated unit responsible for preparing young men and women to be commissioned officers in the United States Air Force. Guides the cadet chain of command in maintaining high standards of discipline, developing unit spirit de corps and implementing training programs following operational USAF practices.
2.2. Chairs Department of Aerospace Studies with university status of full professor and coordinates program with other university faculty members.
2.3. Instructs a curriculum covering Foundations of the USAF, USAF History, Leadership, and National Security Affairs.
2.4. Evaluate cadets. Maintains records and documentation to support evaluations and recommendations as it relates to their military performance, commissioning suitability, recommendations to review committee boards, leadership positions, and order of merit among peers. Assesses cadet aptitude for commissioned service.
2.5. Responsible to AFROTC/CC for 24/7 safety, security and welfare of cadets and training facilities on civilian academic institution campus.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge is mandatory of military customs and courtesies, command administration, personnel management, and personal affairs. Knowledge is mandatory of audiovisual presentation, educational tests and measurements, and instructing techniques.
3.2. Education. For entry into this SDI, Master's degree required.
3.3. Training. Not used.
3.4. Experience. Pinned-on Lieutenant Colonel. Previous Squadron Command experience desired.
3.5. Other. None.

SDI 81L0

EDUCATION AND TRAINING LEADER
(Established 30 Apr 20)

1. Special Duty Summary. Leads, manages, directs, synchronizes, evaluates, equips, and monitors student education and training. Related DoD Occupational Group: 270200.

2. Duties and Responsibilities:
2.1 Supports instruction organization and preparation. Synchronizes daily education and training operations, providing support to command staff, instructors, and students. Develops and executes management policies involving discipline, scheduling, logistics, and administration. Implements higher headquarters' directives and policies.
2.2. Manages resource allocation to ensure mission execution. Develops and maintains short- and long-range execution plans. Ensures staff is equipped to effectively instruct student population and meet mission directives.
2.3. Directs and monitors education and training programs. Supervises instruction, identifies deficiencies, and facilitates remedial training, where appropriate.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge is mandatory of military customs and courtesies, command administration, and instructional techniques.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. Not used.

SDI 81T0

INSTRUCTOR

1. Special Duty Summary. Instructs personnel in academic subjects. Related DoD Occupational Group: 251100.

2. Duties and Responsibilities:

2.1. Organizes and prepares instructional materials. Studies objectives of formal training. Develops course syllabi, training project outlines, and daily and weekly lesson plans. Prepares assignments, laboratory exercises, demonstrations, training aids, and reference and related material required to parallel and supplement course outline. Organizes physical conditioning programs.

2.2. Instructs personnel. Determines methods of instruction, considering the size of the group and subject matter. Instructs students by lectures, discussions, demonstrations, group activities, and laboratory work. Demonstrates subject principles and application to students, using audiovisual aids such as mockups, graphs, training films, and film strips. Evaluates the progress of students, using such aids as achievement and aptitude tests and rating scales. Diagnoses individual learning difficulties and recommends courses of remedial instruction. Supplements texts with additional sources of information to clarify subject matter. Prepares classrooms for instruction, controlling factors such as temperature, ventilation, lighting, cleanliness, and arrangement of desks and equipment. Maintains attendance records and requisitions supplies. Briefs students on safety precautions associated with equipment and facilities used. Conducts instructor training programs by demonstrating effective teaching methods, reviewing lesson plans, and conducting professional instructor training seminars.

2.3. Coordinates training program. Confers with education and training staff officers on changes in texts, project training outlines, general progress of class, disciplinary problems, entrance requirements, examination procedures and tests, school records, and related subjects. Coordinates preparation of training manuals, test construction, and improvement of instructional material with maintenance shop to develop training aids. Advises education and training staff officers on matters such as the revision of course curricula.

3. Special Duty Qualifications:

3.1. Knowledge. Knowledge is mandatory of audiovisual presentation, educational tests and measurements, and instructing techniques.

3.2. Education. For entry into this SDI, undergraduate academic specialization in education or social and behavioral sciences is desirable.

3.3. Training. Not used.

3.4. Experience. Not used.

3.5. Other. Not used.

SDI 82A0

ACADEMIC PROGRAM MANAGER

1. Special Duty Summary. Directs, instructs, evaluates, and monitors instruction, educational curriculum development, and student training at the US Air Force Academy and Air University. Related DoD Occupational Group: 251100.

2. Duties and Responsibilities:

2.1. Directs instruction organization and preparation. Establishes education and training objectives. Manages development of course syllabi, educational project outlines, and lesson plans. Oversees preparation of assignments, exercises, demonstrations, training aids, references and related materials required for course content. Supervises organization of physical conditioning programs.

2.2. Supervises instructor programs. Instructs faculty, staff, and students. Determines instruction methods considering group size and course content. Demonstrates subject principles and application using educational media. Evaluates faculty and student progress. Conducts instructor training programs. Demonstrates effective teaching methods, reviews lessons plans, and conducts professional instructor training seminars.

2.3. Manages educational programs and administrative functions. Supervises and coordinates text selection and changes, project outlines, examination and grading standards, test procedures, and other related subjects. Performs research and writes for publication. Administers activities involving scheduling, discipline, enrollment, budget, and personnel programs.

3. Special Duty Qualifications:

3.1. Knowledge. Knowledge is mandatory of educational media, instruction, and testing techniques, and course and curriculum development.

3.2. Education. For entry into this SDI, a master's degree is desirable.

3.3. Training. Not used.

3.4. Experience. For retention of this SDI, experience is mandatory in preparing lesson plans, developing training aids, instructing and diagnosing educational difficulties, developing educational materials, and constructing tests.

3.5. Other. Not used.

SDI 83R0

RECRUITING SERVICE

1. Special Duty Summary. Plans, directs, and monitors recruiting programs, personnel, training, and equipment to achieve an efficient and economical recruitment program that will meet the requirements of the United States Air Force. Provides planning and assistance for a continuous publicity and community relations program. Related DoD Occupational Group: 270300.

2. Duties and Responsibilities:

2.1. Performs operations duties. Monitors, analyzes, trains, and provides planning assistance to officer program teams. Works directly with squadron trainers to establish training programs; provides training at flight training meetings. Manages squadron self-inspection program and ensures follow-up actions are taken to correct deficiencies. Acts as squadron Military Entrance Processing Station (MEPS) quality control monitor. Tracks and analyzes recruiting operations; identifies adverse trends and causes and recommends corrective action. Tracks management of recruiting for selected Air Force Specialties, competitions and goal allocations, success of high school and Armed Services Vocational Aptitude Battery programs, and so forth. Acts as squadron focal point for US MEP Command and Joint Service activities. Coordinates mobile examination test site and student testing programs. Serves as member of the inter-service recruitment committee or mid-level recruitment committee to coordinate, staff, implement, and resolve issues affecting Joint service recruiting activities.

2.2. Acts as officer training school (OTS) procurement officer. Plans and conducts officer recruiting according to program goals and within constraints of OTS entry capability. Interviews and evaluates OTS applicants. Coordinates requests for waivers from existing directives on a case-by-case basis for potential officer candidates. Recommends policies and procedures to expedite applicant processing; ensures compliance with enlistment criteria and application procedures. Compiles officer accession data and operations reports. Prepares bulletins with administrative and production data and training program materials for use by the sales organization. Monitors college visitation programs; presents Air Force orientations and coordinates tours for faculties and student bodies. Controls distribution of printed advertising materials for officer recruiting, and evaluates their effectiveness. Maintains liaison with educators, business and industry officials, state and local officials, and other centers of influence to enhance the image of the Air Force officer corps. Continuously evaluates market data on objectives to identify resources necessary for mission accomplishment.

2.3. Plans and supervises development of advertising and promotion programs to support the mission. Develops, prepares, coordinates, and executes advertising and promotion. Allocates and controls advertising budgets. Initiates purchase of authorized advertising items. Prepares management fund summaries, and advises commander on advertising campaigns to accomplish goals. Controls distribution of printed advertising, and radio and television materials to the recruiting force. Monitors their use and rate of consumption to evaluate effectiveness. Participates in meetings and conferences and presents Air Force orientations to civic and educational organizations. Participates in community relations functions, such as special events, state and municipal fairs and ceremonies, parades, tours, and recruiting contests. Emphasizes effective public relations through training programs and staff assistance visits.

2.4. Manages recruiting resources. Controls real estate actions for recruiting offices, itinerary stops, and squadron headquarters. Monitors and coordinates their relocation, upgrading, opening, and closing. Maintains fiscal year facility programs, coordinating with the Corps of Engineers. Monitors Government Services Administration vehicle fleet; keeps mileage and cost figures. Orders, inventories, and accounts for furniture and equipment. Maintains balanced budget; coordinates spending authority with supporting finance offices and squadrons. Monitors and authorizes use of communication devices within the Group. Recommends approval or disapproval of government leased requests, and reviews housing surveys for new units or rental increases. Directs administrative support for personnel programs such as newcomers program, civilian personnel actions, weight control program, ancillary training, on-the-job training, and leave programs. Coordinates with the Group Commander, HQ USAF Recruiting Service, and Air Education and Training Command on personnel assignments and programs. Manages Group publications library, word processing support, distribution system, and duplication requirements, including printing and reproduction activities. Coordinates Group transportation requirements. Monitors squadron transportation request audits. Controls bulk purchases of transportation tickets and meal and lodging expenditures for applicants traveling to the MEPS. Schedules semiannual staff assistance visits. Coordinates and monitors host-tenant support agreements.

2.5. Manages Headquarters USAF Recruiting Service activities. Provides analytical support, market studies, and goal allocation systems. Provides specialized management, sales, and motivational training through workshops and a traveling training team. Coordinates with the Air Force Personnel Center, Air Education and Training Command Technical Training, Air Force Military Training Center, Officer Training School, and Air Staff agencies on procurement actions, policies, and programs which impact enlisted and officer recruiting requirements. Develops programs and policies to support assignment and manpower actions. Plans and manages advertising, publicity, and promotional and special events programs supporting military personnel procurement and retention objectives.

3. Special Duty Qualifications:

3.1. Knowledge. Knowledge is mandatory of military customs, courtesies, organization, mission, policies, and history of the United States Air Force.

3.2. Education. Not used.

3.3. Training. Not used.

3.4. Experience. Not used.

3.5. Other. For entry into this SDI, qualification criteria listed in AFI 36-2110 are mandatory.

SDI 84H0

HISTORIAN
(Changed 30 Apr 09)

1. Special Duty Summary. Performs and manages historical research, writing, and collection and preservation of historical materials. Plans and coordinates use of historical resources. Advises commanders and staffs on use of historical information in policy development and decision making. Related DoD Occupational Subgroup: 250400.

2. Duties and Responsibilities:

2.1. Plans, directs, and conducts historical research projects. Develops procedures to prepare studies. Assures completeness and accuracy in research, and clarity and relevance in writing. Ensures satisfactory rates of progress toward completion. Ensures studies preserve focus in areas intended.

2.2. Screens files and databases. Analyzes, selects, preserves, and organizes key documentation. Indexes material for retrieval and research.

2.3. Performs historical research and writing. Gathers evidence through interviews and examination of materials in archives and files. Analyzes and evaluates data, and develops meaningful conclusions. Prepares narrative history or report. Assists in final editing and production before publication.

2.4. Administers command or unit historical program. Serves as historical staff advisor to commander. Develops policies and plans for preparing periodic histories and other historical publications. Prepares periodic command or unit history. Details activities and problems in operations, logistics, management, and administration. Plans and operates historical reference collection, and organizes microfilm program for preserving documents. Guides historical activities of lower units, critiques their historical products, and makes staff assistance visits.

2.5. Contributes to staff actions and studies. Prepares historical inputs for use by staff officers and study groups. Develops sources of historical information through contact with personnel active in primary research area.

2.6. Provides historical information. Consults historical literature and records to provide information for officials and members of the general public.

2.7. Directs and conducts oral history collection. Plans oral history program, and supervises scheduling, conducting, and preserving of recorded interviews of significant historical events. Prepares for and conducts interviews.

2.8. Serves as historian with Air Force or Joint service task forces. Deploys to theaters of operation as member of Contemporary Historical Examination of Current Operations team or Joint service history team. Acquires documentation, interviews participants, writes eyewitness accounts, and prepares historical reports. Participates in planning and exercises to ensure readiness for team deployment.

2.9. Reviews historical studies. Critically reviews and comments on historical manuscripts in preliminary draft stage.

3. Special Duty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: US Air Force organization, mission, history, and role in Joint Service operations; basic organization, roles, and missions of other services; unified command structure; and historical research methods and interviewing techniques.

3.2. Education. For entry into this SDI, a bachelor's degree, preferably in history or social sciences, is mandatory.

3.3. Training. Not used.

3.4. Experience. Not used.

3.5. Other. The following are mandatory for award and retention of this SDI:

3.5.1. Demonstrated ability to write competently, precisely, and descriptively.

3.5.2. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of SDI 84H0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

SDI 85G0

UNITED STATES AIR FORCE HONOR GUARD
(Changed 31 Oct 06)

1. Special Duty Summary. Manages and directs activities of the U.S. Air Force (USAF) honor guard including recruiting, training, and commanding troops for official ceremonies, parades, and other diverse ceremonial functions and military honors as directed. Ceremonies include Armed Forces full honor arrival ceremonies conducted at the White House for the President and foreign heads of state, Joint Service and Air Force ceremonies, USAF precision rifle drill team exhibitions, and Joint Service and Air Force funerals at Arlington National Cemetery and in the national capital region. Related DoD Occupational Group: 270800.

2. Duties and Responsibilities:
2.1. Plans and organizes USAF honor guard activities. Determines requirements for ceremonial participation within the Washington DC area. Plans and establishes training programs, including marching drills, manuals of arms training, individual and group instruction, and military training. Organizes and supervises training of the USAF precision rifle drill team and various specialty details, including color bearers, firing part members, and pallbearers. Determines personnel requirements for honor guard activities, including supply, orderly room, unit armory, dormitory management, and initial and continuation training. Responsible for planning for and acquiring equipment, supplies, space, and other facilities required for honor guard functions. Determines funds needed to support unit activities, and prepares budget justification. Develops, reviews, and improves work methods and procedures. Establishes performance standards and evaluates the initial and continuing qualification of honor guard personnel.
2.2. Directs USAF honor guard activities. Directs operation of the honor guard in military and quasi-military formations, including formal arrival ceremonies, military reviews, parades, memorial ceremonies, funerals, military and government functions, and military honors directed by Headquarters (HQ) USAF. Supervises training of honor guard personnel in technical aspects, functions, and movements of marching formations and specialized ceremonial details. Included are color teams; firing parties; pallbearers; manuals of arms; flag staff manuals; operation of orderly room, supply, dormitory, and weapons armory; and monitoring the status of equipment and weapons maintenance. Inspects honor guard activities to determine adequacy of training, technical performance, and operation of the orderly room, supply section, unit training, dormitory management, and weapons armory. Recommends action to correct deficiencies.
2.3. Coordinates USAF honor guard activities. Advises commander on the capabilities and use of the honor guard. Coordinates with staff offices such as the Military District of Washington for Air Force participation in Joint Service ceremonies; manpower; comptroller; public affairs; mortuary affairs to support funerals; and personnel to plan honor guard activities. Coordinates requests for honor guard support with interested agencies and higher authority to accomplish unit mission objectives.
2.4. Performs in USAF honor guard ceremonial functions. Functions as commander-of-troops, escort officer, Air Force member of Joint Service Honor Guard staffs, officer-in-charge of Air Force funerals and ceremonies, commander-of-troops for ceremonies at the Tomb of the Unknown Soldier, commander of Air Force military functions and formations involving the honor guard, and as directed by HQ USAF. Advises others as an authority on military ceremonies, functions, and policies in both Air Force and Joint Service ceremonies.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge is mandatory of: military customs and courtesies; unit administration; and organizations, mission, and functions of the USAF Honor Guard.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. The following are mandatory for award and retention of this SDI:
3.5.1. Must present an impeccable appearance.
3.5.2. Minimum applicant height is 5’10” for males and 5’6” for females. Measurement for height must be accurate and verified by applicant’s Commander.
3.5.3. If glasses are required, must be able to wear contact lenses.
3.5.4. Erect in posture, and able to stand for long periods of time.
3.5.5. Qualification criteria according to DoD 5200.2-R/AFPD 31-5, *Investigations, Clearances, and Program Requirements*.
3.5.6. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of SDI 85G0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

SDI 86M0

OPERATIONS MANAGEMENT

1. Special Duty Summary. Conducts operations training and scheduling; develops operational plans and programs; manages tactical deception activities; and provides commanders and staff with assessment of operations effectiveness. Interprets and disseminates inspection results and recommends action to correct deficiencies and improve performance. Related DOD Occupational Group: 220700.

2. Duties and Responsibilities:

2.1. Develops operational training plans and evaluates effectiveness of training programs. Supervises academic and military training of crew members to ensure certification, adequacy of instruction, proper briefing procedures, and adequacy of weather, navigation, and communications facilities. Coordinates training programs with staff agencies; conducts critiques on training programs; develops procedures for improving operations; and advises commander on status of operational training programs. Analyzes and evaluates training programs, reports, and status charts to determine effectiveness, and ensures compliance with governing directives.

2.2. Develops operational plans and organizes operational programs. Interprets and translates policy from higher authority into specific guidance for operations. Develops operational concepts, translates support missions into force requirements, establishes procedures, and monitors plans and programs to implement Air Force, joint, and combined operations. Coordinates with other agencies to identify shortfalls and limiting factors affecting operational plans. Drafts exercise plans. Reviews and coordinates final exercise directives. Evaluates and analyzes operational exercise plans to determine unit operating effectiveness.

2.3. Manages inspection programs and evaluates operations effectiveness. Serves as the inspector general point of contact and acts as command monitor for inspection reports and special interest items. Inspects units and activities for compliance with directives and standardization of operation. Manages the base exercise evaluation team program. Monitors readiness of communications, logistics, personnel, and other support functions directly affecting unit mission. Assists in planning, executing, evaluating, and critiquing base-wide emergency and contingency exercises. Develops exercise objectives and scenario events list. Debriefs exercise participants and publishes written reports.

3. Special Duty Qualifications:

3.1. Knowledge. Not used.

3.2. Education. For entry into this special duty, an undergraduate degree in business administration, personnel management, or aviation management is desirable.

3.3. Training. Not used.

3.4. Experience. Not used.

3.5. Other. Not used.

SDI 86P0

COMMAND AND CONTROL

1. Special Duty Summary: Plans, organizes, and directs operation of command posts, operations centers, and control centers. Ensures positive control of assigned forces and weapon systems using command, control, and communication systems. Interprets, implements, and controls data contained in command and control (C2) systems. Briefs C2 operational requirements. Analyzes and evaluates emergency war orders. Supports C2 planning, programming, and budgeting process functions. Related DOD Occupational Group: 220700.

2. Duties and Responsibilities:

2.1. Operates and monitors voice and electronic communication systems. Maintains, monitors, and ensures communications systems integrity and readiness status. Monitors installation upgrades and modifications of communication systems and facilities.

2.2. Directs C2 activities. Briefs commander and staff, prepares situation updates, and develops graphic displays. Monitors special instruction issues and classified materials related to emergency action (EA) requirements. Receives, controls, uses, and destroys communication security materials. Prepares C2 records, reports, schedules, correspondence, and recurring training requirements. Observes and evaluates C2 programs and personnel.

2.3. Initiates emergency staff actions. Ensures execution of operations plans and positive control of assigned weapon systems. Processes EA messages, extracts pertinent information from emergency war order, and transmits instructions to launch and execute forces. Initiates contingency and operations plans in response to emergency situations. Coordinates with other agencies to expedite traffic movement, airlift, and resource deployment. Reports on status of forces.

2.4. Plans, organizes, and coordinates C2 activities. Translates directives into specific guidance for unit action. Coordinates with other agencies when planning, evaluating, and executing C2 orders and operations. Evaluates qualifications of C2 personnel. Reviews operational reports, interprets inspection results, and recommends corrective actions. Develops plans for emergency and contingency activities.

2.5. Analyzes and monitors management data requirements. Controls work flow and checks methods used to process and audit data used in C2 reporting systems. Reviews data for accuracy and conformance with prescribed procedures. Analyzes management data needs and defines data requirements.

3. Special Duty Qualifications:

3.1. Knowledge. Not used.

3.2. Education. For entry into this special duty, an undergraduate degree in business, communications, or aviation is desirable.

3.3. Training. Not used.

3.4. Experience. Not used.

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 SDI 86P0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

SDI 87G0

WING INSPECTOR GENERAL
(Changed 30 Apr 18)

1. Special Duty Summary. Plans, directs, conducts, and manages all Wing Inspector General (IG) programs. Provides policy guidance, procedures, planning, oversight, and direction for implementing the Air Force Inspection System, Complaints Resolution Program, and Fraud, Waste, and Abuse (FWA) Program and the Commanders' Inspection Programs (CCIP) at wing/wing equivalent level. Related DoD Occupational Group: 271200.

2. Duties and Responsibilities:
2.1. Directs, conducts, and leads all Wing IG activities. Operates and manages the Wing Office of the Inspector General, responsible for overall operation, administration, and management of Wing IG inspections, Complaints Resolution, FWA Program, and Commanders' Inspection Program (CCIP).
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 programs, plans, requirements, management, education and awareness initiatives.
2.3. Provides IG support. Maintains liaison with MAJCOM/IG and SAF/IG where appropriate to receive, process, refer, and manage Wing Inspection information, resources, assets, and activities to support operation and management of the Air Force's Inspection and Complaints Resolution and FWA Programs. Certifies Wing IG personnel and evaluates IG programs and activities.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge of Air Force Inspection objectives, leadership and management concepts and their relationship to mission accomplishment is mandatory.
3.2. Education. For entry into this SDI, a Master's degree in management, industrial management, education, psychology, criminal justice, public administration, or business administration with a major in management is desirable.
3.3. Training. For retention of this SDI, completion of the Air Force Inspector General Training Course (IGTC-Q) taught by SAF/IGQ is mandatory. Wing Inspectors General assigned to Nuclear Certified Units must also attend the Air Force Nuclear Inspectors Course. Completion of the Inspector General Training Course for Inspections (IGTC-I) is recommended.
3.4. Experience. Previous IG and command experience at the unit, wing or MAJCOM is highly desired.
3.5. Other. The following are mandatory as indicated:
3.5.1. For entry into this specialty, recommendation by unit commander.
3.5.2. For entry and retention of the SDI:
3.5.2.1. Must meet requirements listed in Chapter 8 of AFI 90-201, *The Air Force Inspection System*.
3.5.2.2. No Unfavorable Information File, civil convictions (other than minor traffic violations), or open IG investigations.
3.5.2.3. Demonstrated ability to prepare written reports.

SDI 87I0

DIRECTOR, WING INSPECTIONS
(Established 31 Oct 12)

1. Special Duty Summary. Implements, and directs wing Inspector General (IG) inspection activities in support of the Commander's Inspection Program (CCIP). Provides policy guidance, procedures, planning, and direction for implementing the Air Force Inspection System at their respective FOA/DRU, wing or wing equivalent unit.

2. Duties and Responsibilities:
2.1. Operates and manages the Wing Inspections Office. Plans, directs, conducts, and monitors Wing IG inspection activities in support of CCIP. Formulates plans and establishes guidance for wing IG inspections and self-inspection/assessment programs in compliance with Title 10 USC Section 8583 (*Requirement of exemplary conduct)*.
2.2. Organizes IG inspection activities. Develops, establishes, and controls methods and procedures to implement Wing IG inspection programs. Provides direction and policy guidance concerning Wing IG inspection programs to subordinate units as well as education awareness and training initiatives for unit members as required.
2.3. Provides IG inspection support. Maintains liaison with unit-level self-assessment monitors and wing inspection team members as well as the MAJCOM/IG. Trains commanders and educates base personnel on IG inspection policies and procedures.
2.4. Reviews and evaluates Wing inspection programs and activities. Reviews and analyzes methods, procedures, practices, processes, and systems used to accomplish Wing IG inspection activities and functions.
2.5. Provides training and recommends certification of Wing IG personnel to the Wing Inspector General. Ensures unit members are familiar with the Management Internal Control Toolset (MICT) and the Commander's Inspection Program (CCIP) as required.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge of Air Force readiness/compliance objectives, leadership and management concepts and their relationship to mission accomplishment is mandatory.
3.2. Education. For entry into this SDI, a Master's degree in management, industrial management, education, psychology, criminal justice, public administration, or business administration with a major in management is desirable.
3.3. Training. Completion of the Air Force Basic Inspector Course taught by the Air Force Inspection Agency (AFIA).
3.4. Experience. Previous IG and command experience at the unit, wing or MAJCOM highly desired.
3.5. Other. The following are mandatory as indicated:
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 meet requirements listed in Chapter 8 of AFI 90-201, *The Air Force Inspection System*.
3.5.2. For retention of this specialty, must maintain IG certification IAW AFI 90-201.

SDI 87Q0

DIRECTOR, COMPLAINTS RESOLUTION
(Established 31 Oct 12)

1. Special Duty Summary. Plans, directs, conducts, and monitors inspector general (IG) complaints resolution programs. Provides policy guidance, procedures, planning, oversight, and direction for implementing the Air Force's Complaints Program and Fraud, Waste, and Abuse (FWA) Program at center, wing, and installation levels. Related DoD Occupational Group: 271200.

2. Duties and Responsibilities:
2.1. Plans, directs, conducts, and monitors IG complaints resolution activities. Operates and manages a complaints resolution directorate within the Office of the Inspector General. Responsible for overall operation, administration, and management of IG complaints resolution programs. Formulates plans and establishes guidance and direction for IG investigations; FWA; administration; operation; training; employment; maintenance; supply; resources; complaints processing; compliance with Title 10 USC Section 1034 (*Protected communications; prohibition of retaliatory personnel actions*); use, denial, and release of IG records; and safeguarding of IG information and materials.
2.2. Organizes IG activities. Develops, establishes, and controls methods and procedures to implement IG complaints resolution policies and programs. Provides direction and policy guidance concerning IG complaints resolution programs, plans, requirements, management, complaint processing, FWA, Whistle Blower protection, records release, congressional inquiries, education and awareness initiatives.
2.3. Provides IG support. Maintains liaison with complainants and those seeking information. Establishes procedures to receive, process, refer, and manage information, resources, assets, and activities to support operation and management of the Air Force's Complaints and FWA Programs. Advises personnel on IG responsibilities, policies, services, and programs. Conducts and monitors IG activities including complaints processing, FWA, reprisal and military Whistle Blower protection, administrative investigations, improper Mental Health evaluations; restriction; release of IG records and information, and referral services to ensure mission accomplishment. Trains commanders and educates base personnel on IG complaints resolution issues and procedures. Provides assistance and referral services.
2.4. Reviews and evaluates IG complaints resolution programs and activities. Reviews and analyzes methods, procedures, practices, processes, and systems used to accomplish IG activities and functions. Evaluates effectiveness of IG support and office management.

3. Special Duty Qualifications:
3.1. Knowledge. Knowledge of Air Force objectives, leadership and management concepts and their relationship to mission accomplishment is mandatory.
3.2. Education. For entry into this SDI, a Master's degree in management, industrial management, education, psychology, criminal justice, public administration, or business administration with a major in management is desirable.
3.3. Training. Completion of the Air Force Installation Inspector General Training Course taught by SAF/IGQ is mandatory.
3.4. Experience. Previous IG and command experience at the unit, wing or MAJCOM highly desired.
3.5. Other. The following are mandatory as indicated:
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 meet requirements listed in Chapter 1 of AFI 90-301, *Inspector General Complaints Resolution*.
3.5.2. For retention of this specialty, must maintain IG certification IAW AFI 90-201, *The Air Force Inspection System*.

SDI 88A0

AIDE-DE-CAMP

1. Special Duty Summary. Performs primary duty as an aide-de-camp for the Secretary of the Air Force, Chief of Staff of the Air Force, Vice Chief of Staff of the Air Force, Commanders O-8 through O-10, Deputy or Vice Commanders O-8 through O-10 serving at an installation different than the Commander, or General Officers O-8 through O-10 serving outside the Air Force on a case-by-case basis. Related DoD Occupational Group: 270100.

2. Duties and Responsibilities:
2.1. Travels with the Secretary of the Air Force or a general officer authorized an aide-de-camp.
2.2. Performs duties as assigned.

3. Special Duty Qualifications:
3.1. Knowledge. For retention of this SDI, current knowledge of military customs and courtesies, USAF organization, missions, history, and policies is mandatory.
3.2. Education. For entry into this SDI, no specific undergraduate degree is required.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. The following are mandatory for entry, award, and retention of this SDI:
3.5.1. Impeccable military bearing and appearance.
3.5.2. Demonstrated ability to organize complex projects attested to in performance reports or commander's recommendation, or both.
3.5.3. Capability and willingness for extensive travel.
3.5.4. Additional qualification criteria for aide-de-camp positions may be found in the electronic bulletin board announcements for aide-de-camp officer assignments.
3.5.5. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of SDI 88A0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*.

SDI 88B0

PROTOCOL OFFICER
(Established 31 Oct 19)

1. Special Duty 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 tasks, 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 senior Air Force leaders in handling all aspects of official 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.
2.2. Administers and oversees programs for Distinguished Visitors. 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 and presentations and tours are commensurate. Directs all necessary support activities during the visit to ensure the visitor's purpose is accomplished. Where a special security requirement exists, appropriately coordinates with security clearance officials, notifies AFOSI, and/or coordinates applicable 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 maximum exercise of mature judgment, discretions, tact, diplomacy, and poise. Visitors include heads of state, royalty, chiefs of services, and both foreign and domestic governmental dignitaries.
2.3. Plans and arranges ceremonies, office calls, receptions, luncheons, formal dinners, entertainment, tours, 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.
2.4. Advises senior Air Force leaders 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.
2.5. Special Morale and Welfare Funds (SM&W); Official Representation Funds (ORF); and Operations and Maintenance (O&M) Funds. Reviews to ensure compliance with established instructions, ensuring expenditures are of the highest order of propriety and integrity. Maintains current account balance, advises on the status of expenditures, and responsible for the effective and accurate disbursement of the Commander's ORF account. Manages O&M funds; produces budget plans and reports, monitors office requirements and identifies and recommends acquisition of support required for proficiency and production. Reference AFI 65-603, Official Representation Funds
2.6 Flight Line Protocol. Facilitates flight line access, red carpet greeting parties, luggage details, vehicle seating, departure ceremonies, and safety in support DV visits. Manages the DV lounge and tracks flight status, manifested passengers, and aircraft parking.
2.7. As needed, coordinates with HQ USAF, MAJCOM and NAF protocol offices for DV visits. Additionally, coordinates with executive officers, trip planners, and commanders supporting official functions.

3. Special Duty Qualifications:
3.1 Knowledge. Knowledge is mandatory of military customs, courtesies, organization, mission, and command structure.
3.2 Education. Not Used
3.3 Training. Member will attend MFSS200, Protocol Fundamentals, at Maxwell AFB once selected for the protocol officer position. Member will require just in time training prior to deploying in a protocol UTC
3.4 Experience. Not used
3.5 Other. Not used

SDI 88C0

SEXUAL ASSAULT RESPONSE COORDINATOR (SARC)
(Established 30 Apr 20)

1. Special Duty Summary. Manages installation Sexual Assault Prevention and Response (SAPR) program. Develops and manages prevention and support programs and activities for SAPR programs.

2. Duties & Responsibilities:
2.1. Oversees installation's SAPR program. Manages plans, budgets, and guidelines, and tailors to installation's needs in order to execute the program and meet by-law requirements as well as DoD and Air Force objectives.
2.2. Assists all personnel and ensures that all victims are treated in a dignified, respectful, and considerate manner. Publicizes and advertises reporting procedures for sexual assault.
2.3. Ensures availability of trained volunteer victim advocates 24 hours each day, 365 days a year. Recruits, screens, interviews, selects, manages and evaluates volunteer victim advocates. Ensures that volunteer victim advocates are thoroughly knowledgeable in DoD and Air Force policy on confidential disclosure and privacy regulations and guidelines. Assigns victim advocates to reported sexual assault cases.
2.4. Liaises with installation level Security Forces, Office of Special Investigation, Judge Advocate General, Unit Commanders, First Sergeants, and other on-base victim assistance sources such as chaplains and medical providers, as well as off-base sources such as crisis centers and community support groups to ensure availability of 24-hour victim advocacy and support services.
2.5. Ensures completion of mandatory training for the installation. Delivers specialized training for unique populations to include first responders to sexual assault reports.
2.6. Develops and implements a communication strategy at the installation, expanding awareness of sexual assault and, in conjunction with the Family Advocacy Office (FAP), domestic violence.
2.7. May be tasked to fill an AEF rotation or contingency operation deployed position within this AFSC. Will not be a taskable asset in CAFSC while holding this position.

3. Special Duty Qualifications:
3.1. Knowledge.
3.1.1. Skill in assessing program needs to accomplish goals and objectives, evaluate program status, and recommend and/or implement solutions for improvements.
3.1.2. Skill in applying tact and diplomacy during difficult circumstances to advise and inform individuals and high level officials on complicated, sensitive, and sometimes controversial issues.
3.1.3. Ability to establish and maintain effective working relationships with organizations and individuals to identify, establish, modify, and provide victim support assistance.
3.2. Education. Not used.
3.3. Training.
3.3.1. Successfully complete the Sexual Assault Response Coordinator Course.
3.3.2. Maintain Defense Sexual Assault Advocate Certification Program (DSAAC-P) credentials.
3.3.3. Complete initial and refresher trainings for applicable SAPR databases to include Catch a Serial Offender and Defense Sexual Assault Incident Database (DSAID). Maintain active accounts for these systems.
3.4. Experience. None required.
3.5. Other.
3.5.1. For entry into this specialty, recommendation by Wing Commander. No Quality Force Indicators (LOC/LOA/LOR), Unfavorable Information File, civil convictions (other than minor traffic violations), or open IG investigations.
3.5.2. Member must be a volunteer and obtain career field release.

89A0, Air Advisor (Basic)
89B0, Air Advisor (Basic) Team Leader
89C0, Air Advisor (Basic) Mission Commander

★Officer Air Advisor Basic
(Changed 31 Oct 20)

★1. Specialty Summary. This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of Air Advisors. Air Advisors develop plans and policies, assess, monitor, evaluate; and conduct security cooperation, Air Advisor, Combat Aviation Advisor, Security Force Assistance (SFA) operations, coordinates staff activities, and advises commanders.

2. Duties and Responsibilities. Assesses, monitors, evaluates, plans, directs, and leads security cooperation, Air Advisor, Combat Aviation Advisor, Security Force Assistance operations and training programs. Develops requirements for equipment and training. Prepares and coordinates budgets. Analyzes rated manpower requirements and formulates personnel policies. Prepares, coordinates, and disseminates policy directives, foreign disclosure requirements, and implementing instructions. Develops contingency plans, security cooperation plans, and operational Air Advisor, Combat Aviation Advisor, SFA plans. Leads Air Advisor/SFA missions and planning activities.

★3. Specialty Qualifications. For entry into this specialty, prior qualification in any AFSC is mandatory, as well as qualification in Air Advisor training and experience, and/or AFSOC Combat Aviation Advisor Mission Qualification Course. *Note: For Combat Aviation Advisor specific specialty qualifications see 89G0 – 89I0 specialty description.*
3.1. Knowledge. Must have knowledge of Security Cooperation, Security Force Assistance (SFA) authorities, and planning and programming processes. Must have knowledge of AF Air Advising/SFA operations, training, and execution processes.
3.2. Education. Not used.
3.3. Training. Requires (1) completion of one of the following Air Advisor Academic Courses or equivalent: AETC Air Advisor "A", "B", or "C" Course or AFSOC Combat Aviation Advisor Initial Qualification Course (2) Completion of one of the following Fieldcraft courses or equivalent: Fieldcraft – Hostile or Fieldcraft – Uncertain
3.4. Experience. 89A0: No experience required and is to be awarded upon completion of required training.
★3.5. **SDI 89B0 and 89C0 requires certification and approval by a qualified Air Advisor commander, and is a specialty qualification that has additional training.**

★Utilization note: Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 89X, the SDI is awarded and will remain in the secondary or third position IAW AFI 36- 2101, paragraph 4.1.2 unless the member is disqualified from the SDI then it will not remain as an awarded SDI. Do not alter primary or core AFSCs with this SDI. When the member is filling a valid 89X unit manpower document (UMD) authorization, 89X is authorized as the awarded (secondary or third) and Duty AFSC.

89D0, Air Advisor (Advanced)
89E0, Air Advisor (Advanced) Team Leader
89F0, Air Advisor (Advanced) Mission Commander

★Officer Air Advisor Advanced
(Changed 31 Oct 20)

★**1. Specialty Summary.** This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of Air Advisors. Air Advisors develop plans and policies, assess, monitor, evaluate; and conduct security cooperation, Air Advisor, Combat Aviation Advisor, Security Force Assistance (SFA) operations, coordinates staff activities, and advises commanders.

★**2. Duties and Responsibilities.** Assesses, monitors, evaluates, plans, directs, and leads security cooperation, Air Advisor, Combat Aviation Advisor, Security Force Assistance operations and training programs. Develops requirements for equipment and training. Prepares and coordinates budgets. Analyzes rated manpower requirements and formulates personnel policies. Prepares, coordinates, and disseminates policy directives, foreign disclosure requirements, and implementing instructions. Develops contingency plans, security cooperation plans, and operational Air Advisor, Combat Aviation Advisor, SFA plans. Leads Air Advisor/SFA missions and planning activities.

★**3. Specialty Qualifications.** For entry into this specialty, prior qualification in any AFSC is mandatory, as well as qualification in Air Advisor training and experience, and/or AFSOC Combat Aviation Advisor Mission Qualification Course. *Note: For Combat Aviation Advisor specific specialty qualifications see 89G0 – 89I0 specialty description.*
3.1. Knowledge. Must have knowledge of Security Cooperation, Security Force Assistance (SFA) authorities, and planning and programming processes. Must have knowledge of AF Air Advising/SFA operations, training, and execution processes.
3.2. Education. Not used.
3.3. Training. Requires (1) completion of one of the following Air Advisor Academic Courses or equivalent: AETC Air Advisor "A", "B", or "C" Course or AFSOC Combat Aviation Advisor Initial Qualification Course (2) Completion of one of the following Fieldcraft courses or equivalent: Fieldcraft – Hostile or Fieldcraft – Uncertain
3.4. Experience. Requires 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 Advisor, Contingency Response Group or Squadron (CRG/CRS), or AFSOC Combat Aviation Advisor supervised deployment qualification process.
★3.5. **SDI 89E0 and 89F0 requires certification and approval by a qualified Air Advisor commander, and is a specialty qualification that has additional dedicated training.**

★**Utilization note:** Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 89X, the SDI is awarded and will remain in the secondary or third position IAW AFI 36- 2101, paragraph 4.1.2 unless the member is disqualified from the SDI then it will not remain as an awarded SDI. Do not alter primary or core AFSCs with this SDI. When the member is filling a valid 89X unit manpower document (UMD) authorization, 89X is authorized as the awarded (secondary or third) and Duty AFSC.

89G0, Combat Aviation Advisor
89H0, Combat Aviation Advisor Team Leader
89I0, Combat Aviation Advisor Mission Commander

★Officer Combat Aviation Advisor
(Changed 31 Oct 20)

★1. Special Duty Summary. This classification identifier facilitates functional management, force development; planning, programming, budgeting, execution; and assignment of Combat Aviation Advisors. This special duty description covers officer Combat Aviation Advisors (CAAs) that are fully-qualified team members able to serve in a Unit Type Code (UTC) as part of an Operational Aviation Detachment (OAD). An OAD is a 16-person team composed of airman from multiple occupations to include pilots, combat systems operators, intelligence personnel, and Air Liaison Officers. CAAs are special operations airmen assigned to Air Force Special Operations Command (AFSOC).

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, organize, train, equip, rebuild/build, advise/assist/accompany (assess, train, advise, and assist) foreign aviation forces in tactical and operational-level airpower integration, sustainment, and operationalization.
2.3 CAAs can mission plan, execute, and recover in a variety of scenarios with little assistance, accomplishing this within legislative and military guidance.
2.4 CAA OAD teams generally deploy and operate alone in hostile, uncertain, and denied environments.

3. Special Duty Qualifications:
3.1 Knowledge. Knowledge is mandatory of: Foreign Internal Defense, Security Force Assistance, Unconventional Warfare; demonstrated intercultural competency.
3.1.1 For selection member must be an instructor or evaluator in one of the following AFSCs: 11x, 12x or fully qualified in the following AFSCs: 14N, 13L, 48G, 48R, 41A
3.2 Education. Not used
3.3 Training. Completion of the following are mandatory for award of this classification identifier:
Combat Aviation Advisor Mission Qualification Course (CAAMQC) and associated pipeline consisting of:
3.3.1. CAA Recruiting, Accession, and Selection process
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
3.4 Experience. Completion of supervised CAA deployment.
3.5 Other. The following are mandatory as indicated:
3.5.1 Must be initially assessed and screened by CAA Assessment Cell
3.5.2 Must meet requirements listed in AFSOCI 16-101v1, *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 3.4.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of SDI, completion and favorable adjudication of a T5 Investigation IAW AFMAN 16-1405, *Air Force Personnel Security Program* or a T5R IAW current USAF and DoD policy and directives if indicated
3.5.5 Must maintain language proficiency (ILR 1/1/1)
3.5.6 Must maintain currency in CAA AFSC-specific MTTL
3.6. Upgrade to 89I0 requires completion of AFSOC CAA Team Leader qualification process.
3.7. Upgrade to 89H0 requires completion of AFSOC CAA Mission Commander qualification process.

★Utilization note: Award of this SDI is only authorized when an airman has completed award requirements. When the member is qualified as an 89X, the SDI is awarded and will remain in the secondary or third position IAW AFI 36- 2101, paragraph 4.1.2 unless the member is disqualified from the SDI then it will not remain as an awarded SDI. Do not alter primary or core AFSCs with this SDI. When the member is filling a valid 89X unit manpower document (UMD) authorization, 89X is authorized as the awarded (secondary or third) and Duty AFSC.

SDI 89W0

★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
Not used.

3. Special Duty Qualifications
3.1. Knowledge. Not used.
3.2. Education. Not used.
3.3. Training. Not used.
3.4. Experience. Not used.
3.5. Other. For entry and retention of this SDI, the following is mandatory as indicated:
3.5.1. 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.

REPORTING IDENTIFIERS (RI)

Reporting identifiers identify authorizations and individual officers not otherwise identifiable in the classification structure. They do not have specialty descriptions.

1. 90G0 General Officer. Use this identifier to report the duty and primary AFSC of all officers in the grade of brigadier general or higher, regardless of duty assignment. It is also used to report the duty AFSC of colonels serving in authorized general officer positions. Make retroactive changes in qualifications' records. Related DoD Occupational Group: 210100.
1.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 90G0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*. is mandatory.

2. 91C0 Commander. Use this identifier to report the duty and awarded AFSC of officers serving in Commander positions where use of prefix "C" with a specific functional AFSC (CXXXX), a group commander AFSC (X0C0) or the wing commander (91W0) identifiers is not appropriate. **NOTE:** Persons serving in, or qualified to serve in, 91C0-coded UMD positions must be delegated authority, in writing, to administer actions under Article 15 Uniform Code of Military Justice. Related DoD Occupational Group: 210200.

3. 91W0 Wing Commander. Use this identifier to report the duty and awarded AFSC of officers serving in Wing Commander positions not authorized a general officer grade. Related DoD Occupational Group: 210200.
3.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 91W0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.,* is mandatory.
3.2. Persons serving in, or qualified to serve in, 91W0-coded UMD positions must be delegated authority, in writing, to administer actions under Article 15 Uniform Code of Military Justice.

4. 92J0 Non-designated Lawyer. Use this identifier to report the primary and duty AFSC of legal officers serving in staff positions but not designated as Judge Advocates. Related DoD Occupational Group: 250600.

5. 92J1 AFROTC Educational Delay Law Student. Use this identifier to report the primary and duty AFSC of non-extended active duty Reserve officers who have been commissioned under the AFROTC program and have been granted an educational delay to attend law school. Related DoD Occupational Group: 290200.

6. 92J2 Funded Legal Education Program Law Student. Use this identifier to report the primary and duty AFSC of officers participating in the Funded Legal Education Program. Retain RI 92J2 as 2AFSC or 3AFSC on completion of law school. Related DoD Occupational Group: 290200.

7. 92J3 Excess Leave Law Student. Use this identifier to report the primary and duty AFSC of law students in excess leave status. Retain RI 92J3 as 2AFSC or 3AFSC on completion of law school. Related DoD Occupational Group: 290200.

8. 92M0 Health Professions Scholarship Program (HPSP) Medical Student. Use this identifier to report the primary and duty AFSC of a newly commissioned officer in training as a medical student under the Air Force HPSP (AFI 41-110, *Applying for Medical School and Medical Programs*). Related DoD Occupational Group: 290200.

9. 92M1 Uniformed Services University of Health Sciences (USUHS) Student. Use this identifier to report the duty and primary AFSC of commissioned officers in training under the School of Medicine Uniformed Services of Health Sciences Program (AFI 41-110). Related DoD Occupational Group: 290200.

10. 92M2 HPSP Biomedical Science Student. Use this identifier to report the primary and duty AFSC of a newly commissioned officer in training as a biomedical science student under the Air Force Health Professions Scholarship Program (HPSP) (AFI 41-110). Related DoD Occupational Group: 290200.

11. 92P0 Physician Assistant Student (Established 31 Oct 17). Use this identifier to report an awarded and duty AFSC of a commissioned officer in training as a physician assistant student (initial training) and assigned under the Inter-service Physician Assistant Program (IPAP) or the Air Force Health Professions Scholarship Program (HPSP) (AFI 41-110). Related DoD Occupational Group: 290200.

12. 92R0 Chaplain Candidate. Use this identifier to report the primary and duty AFSC of all Reserve Chaplain candidates who possess an accredited bachelor's degree and are enrolled as full-time seminarians, or who have completed seminary training and are awaiting ecclesiastical endorsement. Related DoD Occupational Group: 290200.

13. 92S0 Student Officer Authorization. Use this identifier to identify student authorizations and to report the duty AFSC of an officer attending an Air Force-wide training course conducted by Air University or Air Education and Training Command. Related DoD Occupational Group: 290500.

14. 92T0 Pilot Trainee. Use this identifier to report the primary and duty AFSC of newly commissioned officers selected for pilot training, and to report the duty AFSC of officers entering Primary-Basic Pilot Training. Related DoD Occupational Group: 290200.
13.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 92T0, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program*. is mandatory for regular officers. ***NOTE***: For regular officers, award without a completed T5 Investigation is authorized provided initial T5 Investigation paperwork has been submitted according to DoDM 5200.02_AFMAN 16-1405. For reserve officers, award without a completed T5 Investigation is authorized provided the post-pilot training assignment is known to not require routine access to Top Secret material or similar environment.

15. 92T1 Combat Systems Officer Trainee. Use this identifier to report the primary and duty AFSC of newly commissioned officers selected for Combat Systems Officer (CSO) training, and to report the Duty AFSC of officers entering Specialized Undergraduate CSO Training. Related DoD Occupational Group: 290200.
14.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 92T1, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program.,* is mandatory for regular Air Force (RegAF) officers. ***NOTE***: For RegAF officers, award of the entry level AFSC is authorized provided a minimum of an interim Top Secret security clearance has been granted IAW DoDM 5200.02_AFMAN 16-1405, supporting polices and guidance and commander approval. For reserve officers, award without a completed T5 Investigation is authorized provided the post-pilot training assignment is known to not require routine access to Top Secret material or similar environment.

16. 92T2 Air Battle Manager Trainee. Use this identifier to report the primary and duty AFSC of newly commissioned officers selected for Air Battle Manager (ABM) training, and to report the duty AFSC of officers entering Undergraduate ABM Training. Related DoD Occupational Group: 220700.
15.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 92T2, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory. ***NOTE***: Award without a completed T5 Investigation is authorized provided initial T5 Investigation paperwork has been submitted according to DoDM 5200.02_AFMAN 16-1405.

17. 92T3 Remotely Piloted Aircraft Pilot Trainee. Use this identifier to report the primary and duty AFSC of newly commissioned officers selected for Remotely Piloted Aircraft Pilot (RPA Pilot) training, and to report the duty AFSC of officers entering Undergraduate RPA Pilot Training. Related DoD Occupational Group: 220700.
16.1. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments. For award and retention of RI 92T3, completion of a current T5 Investigation IAW DoDM 5200.02_AFMAN 16-1405, *Air Force Personnel Security Program,* is mandatory. ***NOTE***: Award without a completed T5 Investigation is authorized provided initial T5 Investigation paperwork has been submitted according to DoDM 5200.02_AFMAN 16-1405.

18A. 92W0 Combat Wounded Warrior. (Change to specialty description only effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18B. 92W1 Reserved for Future Use. (Change effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18C. 92W2 Combat Wounded Warrior with Exemptions. (Change to specialty description only effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18D. 92W3 Non-Combat Wounded Warrior. (Change to specialty description only effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate

disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18E. 92W4 Wounded Warrior – Limited Assignment Status (LAS). (Change effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18F. 92W5 Wounded Warrior - Retired/Discharged. (Change effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18G. 92W6 Reserved for Future Use. (Change effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18H. 92W7 Reserved for Future Use. (Change effective 11 May 15). Air Force Wounded Warrior (as defined in AFI 34-1101, *Air Force Warrior and Survivor Care*) for tracking purposes. Update to 2AFSC/3AFSC only. Wounded warrior RIs are not authorized for use as the PAFSC and/or DAFSC for any reason. If the wounded warrior is disqualified from all awarded AFSCs through the AFSC Disqualification process (AFI 36-2101, Chapter 4) the PAFSC will be the appropriate disqualified airman RI (96X0) following disqualification approval by AFPC/DP2SSM. Related DoD Occupational Group: 290500.

18I. 92W8 Wounded Warrior - Ambassador. (Change effective 31 Oct 19). The designation of this RI is provided soley for the purpose of identifying wounded, ill or injured Airmen who have met the rigid criteria to perform as Air Force Wounded Warrior Program Ambassadors. Only AF2W Program office is authorized to update 92WX reporting identifiers. DoD Occupational Subgroup: 290500.

18J. 92W9 Wounded Warrior – Project Planner/Officer (Change effective 31 Oct 19). 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. Only AF2W Program office is authorized to update 92WX reporting identifiers. DoD Occupational Subgroup: 290500.

19. 93P0 Patient. Use this identifier to report the duty AFSC of officers in patient status. Related DoD Occupational Group: 290100.

20. 94N0 Nuclear Weapons Custodian. Use this identifier to report the duty AFSC of a nuclear weapons custodian. Officer provides a capability to supervise custody of nuclear munitions, when required, to ensure compliance with security and safety standards, and to monitor specific functions of munitions loading operations. Officer may serve as a member of a Permissive Action Link Surveillance Team, if required, in which case officer administers a positive control over equipment, assists in weapons checking during Permissive Action Link modification, provides proper security, storage, and maintenance of Permissive Action Link technical equipment as well as performing pertinent inspections. Officer must meet Personnel Reliability Program requirements for a critical position, as outlined in AFI 36-2104, *Nuclear Weapons Personnel Reliability Program*. Related DoD Occupational Group: 240500.

21. 95A0 Non-EAD USAFR Academy Liaison Officer (ALO) or Civil Air Patrol Reserve Assistance Program (CAPRAP) Officer. Use this identifier to report the duty AFSC of non-extended active duty Reserve officers who are supporting USAF Academy and/or Civil Air Patrol programs. Related DoD Occupational Group: 290500.

22. 96A0 Disqualified Officer, Reasons Beyond Their Control. Use this identifier to report the duty and primary AFSCs of an officer who has lost qualification in a specialty for reasons over which the officer had no control and who possesses no other awarded AFSC. Do not use this RI to identify position authorizations on manpower documents. Related DoD Occupational Group: 290500.

23. 96B0 Disqualified Officer, Reasons Within Their Control. Use this identifier to report the duty and primary AFSCs of an officer who has lost qualification in a specialty for reasons over which the officer had control and who possesses no other awarded AFSC. Do not use this RI to identify position authorizations on manpower documents. Related DoD Occupational Group: 290500.

24. 96D0 Officer Not Available for Use in Awarded AFSC for Cause. Use this RI to report the duty AFSC of officers not available to perform duty in an awarded AFSC because of duty status change. Restrict use of this RI to duty status codes 05 (civil confinement more than 30 days), 06 (deserter), 17 (military confinement more than 30 days), or 52 (leave-appellate review). Do not use this RI to identify position authorizations on manpower documents. Related DoD Occupational Group: 290500.

25. 96U0 Unclassified Officer. Use this identifier to report the duty and primary AFSCs of all officers who have lost qualification in their specialty and possess no other awarded AFSC. This RI does not apply to people eliminated from flying training, technical training, or other formal schools unless those eliminated are placed on medical or legal hold. Placing officers into RI 96U0 does not relieve military personnel flights from message reporting of un-programmed available officers according to AFI 36-2110, *Assignments*. Do not use this RI to identify position authorizations on manpower documents. Related DoD Occupational Group: 290500.

26. 96V0 Un-allotted. Use this identifier to report those authorizations within bulk allotments of officer personnel that are not specifically allocated by AFS. Do not use this RI to identify personnel. Related DoD Occupational Group: 290500.

27. 97E0 Executive Officer. Use this identifier to report the primary and duty AFSCs of officers serving in Executive Officer positions. Officer oversees information management activities for the commander and deputy commander; handles protocol duties as required; implements, directs, and coordinates executive functions, services, and activities; represents the commander in interaction with other agencies of all levels; and is responsible for unit programs and special projects as directed by the commander. The Regular Air Force's 97E0 positions above wing level will be filled by AFPC using a nominative process while its 97E0 positions at wing level and below will be filled internally to the wing. Related DoD Occupational Group: 270100

28. 99A0 Unspecified AFSC. (Effective 20 Apr 15) This reporting identifier will be used to identify officer Air Expeditionary Force/Temporary Duty (AEF/TDY) requirements in JOPES and DCAPES that do not require a specific AFSC, however will not to 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 AFSC or DAFSC under any circumstance. Related DoD Occupational Group: 290500.
27.1. Mandatory Requirements for Entry: None.

29. 99G0 Gold Bar Diversity Recruiter. (Effective 5 June 2013) Use this identifier to report the duty and secondary or tertiary AFSC of officers participating in recruiting duties as assigned through the Air Force Reserve Officer Training Corps Gold Bar and United States Air Force Academy Diversity Recruiter programs. These officers are serving to enhance the commissioning opportunities for minority students. This reporting identifier is not authorized for use on Regular Air Force UMD manpower positions. Related DoD Occupational Group: 270300.

Appendix A

★CIP Education Matrices
(Changed 31 Oct 2020)

1. Description of CIP Education Matrix:

1.1. The Classification of Instructional Programs (CIP) provides a taxonomic scheme providing accurate tracking and reporting of fields of study and program completions activity. CIP was originally developed by the U.S. Department of Education's National Center for Education Statistics (NCES) in 1980, with revisions occurring in 1985, 1990, and 2000. For more information on CIP codes and descriptions, visit http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55. By using CIP codes, each AFS can define, specifically, entry education requirements for the career field. CIP codes and associated descriptions are based on a tiered structure. An officer's education must be mapped to a CIP code and then used for accession into an AFS.

1.2. CIP Education Matrix Rule set.

1.2.1. For entry into the AFS, it is mandatory that an officer accession meet at least one of the tiers listed in the CIP matrix for the AFS in which they are to be accessed. Each AFS has a different set of requirements and tier structure. If an officer doesn't meet any of the tier requirements in the matrix, they are not qualified to enter the AFS. Each tier in the matrix contains definitions for the following: target accession rates, CIP codes and associated descriptions of the CIP codes, and requirement type for entry in the AFS tier.

1.2.2. Target Accession Rates are defined in each AFS's CIP Education Matrix. Tier 1 target accession rates are generally the largest because the desired population for each AFS should be a tier 1 officer. Tier 2 and tier 3 target accession rates follow suit. There are some AFSs which have only one tier due to the strict educational entry requirements. 61CXN and 61DXN have only one tier defined with target accession rates for these AFSCs being 100%. When distributing officer accessions across the education needs of all AFSs, tier 1 requirements are considered first until the pool of available accessions with matching education has been exhausted. Tier 2 accessions will then be considered, then tier 3, and so on. When the remaining accessions do not match tier requirements for a specific AFS, the career field will stop accessing new officers for the year and the remaining accessions will enter other AFSs with more compatible education requirements.

13M – Airfield Ops

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 50%	**29.0402**	Air and Space Operations Technology	Desirable
			Or	
		49.01XX	Air Transportation (All subsets 49.0101-49.0199)	
2	> 30%	**52.01XX**	Business/Commerce	Desirable
			Or	
		52.02XX	Business Administration, Management and Operations	
			Or	
		52.06XX	Business/Managerial Economics	
			Or	
		52.07XX	Entrepreneurial and Small Business Operations	
			Or	
		52.11XX	International Business	
			Or	
		52.12XX	Management Information Systems and Services	
			Or	
		52.13XX	Management Sciences and Quantitative Methods	
			Or	
		52.14XX	Marketing	
			Or	
		52.18XX	General Sales, Merchandising & Related Marketing Operations	
			Or	
		52.19XX	Specialized Sales, Merchandising and Marketing Options	
			Or	
		52.20XX	Construction Management	
3	< 20%	**XX.XXXX**	Any Degree	Permitted

★13N – Nuclear and Missile Operations

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> = 10%	04.02XX – 04.05XX	Architecture and Planning	Mandatory
		11.01XX	Computer and Information Sciences	
		11.02XX	Computer Programming	
		11.04XX	Information Sciences/Studies	
		11.05XX	Computer Systems Analysis	
		11.XXXX	Computer Science	
		11.08XX	Computer Software and Media Applications	
		11.09XX	Computer Systems Networking and Telecommunications	
		14.01XX	Engineering, General	
		14.03XX – 14.14XX	Specific Engineering Disciplines (from Aerospace to Environmental Engineering)	
		14.27XX – 14.28XX	Specific Engineering Disciplines (from Systems to Textiles Engineering)	
		14.37XX	Operations Research	
		27.XXXX	Mathematics and Statistics	
		29.0203, 29.0205, 29.0207	Signal/Geospatial Intelligence, Information/Cyber Operations/Warfare	
		29.03XX	Military Applied Sciences	
		30.0601	Systems Science and Theory	
		30.0801	Mathematics and Computer Science	
		30.1601	Accounting and Computer Science	
		30.3001	Computational Science	
		30.3101	Human Computer Interaction	
		40.XXXX	Physical Sciences	
		52.02XX	Business Administration, Management and Operations	
		52.13XX	Management Sciences and Quantitative Methods	
2	< = 90%	XX.XXXX	Any Degree	Permitted

13O – Multi-Domain Warfare Officer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
2	100%	**XX.XXXX**	Any Degree	Desirable

13S – Space Operations

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> = 40%	14.02XX	Aerospace, Aeronautical and Astronautical Engineering	Mandatory
		14.10XX	Electrical, Electronics and Communications Engineering	
		14.27XX	Systems Engineering	
		27.XXXX	Mathematics and Statistics	
		29.0305	Space Systems Operations	
		40.02XX	Astronomy and Astrophysics	
2	> = 40%	11.01XX	Computer and Information Sciences	Desired
		11.02XX	Computer Programming	
		11.04XX	Information Sciences/Studies	
		11.05XX	Computer Systems Analysis	
		11.07XX	Computer Science	
		11.08XX	Computer Software and Media Applications	
		11.09XX	Computer Systems Networking and Telecommunications	
		11.10XX	Computer/Information Technology Administration and Management	
		14.0101	Engineering, General	
		14.04XX	Architectural Engineering	
		1406XX	Ceramic Sciences and Engineering	
		14.07XX	Chemical Engineering	
		14.08XX	Civil Engineering	
		14.09XX	Computer Engineering	
		14.11XX	Engineering Mechanics	
		14.12XX	Engineering Physics	
		14.13XX	Engineering Science	
		14.14XX	Environmental/Environmental Health Engineering	
		14.18XX	Materials Engineering	
		14.19XX	Mechanical Engineering	
		14.20XX	Metallurgical Engineering	
		14.23XX	Nuclear Engineering	
		14.32XX	Polymer/Plastics Engineering	
		14.35XX	Industrial Engineering	
		14.36XX	Manufacturing Engineering	
		14.37XX	Operations Research	
		14.38XX	Surveying Engineering	
		14.39XX	Geological/Geophysical Engineering	
		14.41XX	Electromechanical Engineering	
		14.42XX	Mechatronics, Robotics, and Automation Engineering	
		14.44XX	Engineering Chemistry	
		29.0203	Signal/Geospatial Intelligence	
		29.0204	Command & Control (C3, C4I) Systems and Operations	
		29.0205	Information Operations/Joint Information Operations	
		29.0207	Cyber/Electronic Operations and Warfare	
		29.0301	Combat Systems Engineering	
		29.0302	Directed Energy Systems	
		29.0304	Low-Observables and Stealth Technology	
		30.06XX	Systems Science and Theory	
		30.08XX	Mathematics and Computer Science	
		30.30XX	Computational Science	
		40.08XX	Physics	
3	< = 20%	XX.XXXX	Any Bachelor or Master of Science Degree	Permitted

14F – Information Operations - Education Matrix (Changed 30 Apr 19)

14F – Information Operations – Education Requirements

1	> 70%	30.17 Series	Behavioral Sciences	Mandatory
			Or	
		30.26 Series	Cultural Studies/Critical Theory and Analysis	
			Or	
		42.01 Series	Psychology, General	
			Or	
		42.27 Series (Any)	Research and Experimental Psychology	
			Or	
		45.01 Series (Any)	Social Sciences, General	
			Or	
		45.02 Series (Any)	Anthropology	
			Or	
		45.11 Series (Any)	Sociology	
2	< 15%	45.09	International Relations and Affairs	Desired
			Or	
		09.01 Series (Any)	Communication and Media Studies	
			Or	
		09.09 Series (Any)	Public Relations, Advertising, and Applied Communication	
3	< 15%	30.23 Series	Intercultural/Multicultural and Diversity Studies	Permitted
			Or	
		30.25 Series	Cognitive Science	
			Or	
		52.14 Series	Marketing	

***NOTE - Education Requirement can be waived by 14F CFM; 24 months of experience in Information Operations functions is required to be considered for waiver.**

14N – Intelligence (Changed 30 Apr 19)

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	30%	11.XXXX	Computer and Information Sciences and Support Services	Mandatory
			Or	
		14.XXXX	Engineering	
			Or	
		27.XXXX	Mathematics and Statistics	
			Or	
		40.XXXX	Physical Sciences	
2	45%	05.XXXX	Area, Ethnic, Cultural, Gender, and Group Studies	Mandatory
			Or	
		16.XXXX	Foreign Languages, Literatures, and Linguistics	
			Or	
		22.XXXX	Legal Studies	
			Or	
		24.XXXX	Liberal Arts and Sciences, General Studies, and Humanities	
			Or	
		45.XXXX	Social Sciences	
			Or	
		54.XXXX	History	
3	20%	9.XXXX	Communication, Journalism, and Related Programs	Desired
			Or	
		13.XXXX	Education	
			Or	
		23.XXXX	English Language and Literature/Letters	
			Or	
		28.XXXX	Military Science, Leadership, and Operational Art	

			Or	
		29.XXXX	Military Technologies and Applied Sciences	
			Or	
		30.XXXX	Multi/Interdisciplinary Studies	
			Or	
		35.XXXX	Interpersonal and Social Skills	
			Or	
		38.XXXX	Philosophy and Religious Studies	
			Or	
		42.XXXX	Psychology	
			Or	
		43.XXXX	Homeland Security, Law Enforcement, Firefighting, and Related Protective Services	
			Or	
		49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General	
			Or	
		52.XXXX	Business, Management, Marketing, and Related Support Services	
4	< 5%	XX.XXXX	Any Degree	Permitted

★15A - Operations Research Analyst – Education Requirements (Changed 31 October 2020)

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	>65%	(0YE*) 14.37 Series	Operations Research	Mandatory
			or	
		(6***) 27 Series	Mathematics and Statistics	
			or	
		(4L**) 14.35	Industrial Engineering	
			or	
		(0C**) 30.3001	Computational Science (Data Science/Analytics)	
		30.7001	Data Science	
2	<25%	(0C**) 11.0701	Computer Science	Desirable
			or	
		(4T**) 14.27	Systems Engineering	
			or	
		(9BJ*) 45.0603	Quantitative Economics	
3	<10%	(4A**/4E**/4G**/4I**/4M**/4W**) Any 14 Series Except 14.0102	Engineering	Permitted
			or	
		(8H**) 40.08 Series	Physics	
			or	
		(9B**) 45.06 Series	Other Economics	

Note: The primary feeder degree for 15A Career Field is Operations Research. Ideally, a significant majority of 15As would access with this degree. Tier 2 "Desirable" degrees are close affiliates to the Operations Research degree and some 15A positions have Advanced Academic Degree requirements in these specialties. Tier 3 "Permitted" degrees have a limited affiliation with Operations Research, but have a desired technical aptitude or complimentary skill set.

★15W – Weather and Environmental Sciences (Effective 31 Oct 20)

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> or = 60%	40.04XX	Atmospheric Sciences or Meteorology(must meet BIP-M Standards)	Mandatory
2	< or = 20 %	27.XXXX	Mathematics and Statistics	Permitted
		30.08	Mathematics and Computer Science	
		30.30	Computational Science	
		41.XXXX	Science Technologies/Technicians	
			Or	
		40.XXXX (except 40.04XX)	Physical Science	
3	< or = 20 %	Any STEM within 40.XXX or 40.999	Science, Mathematics and General Sciences	Permitted (Note 2)

NOTE: Minimum requirements for all Tier 1 include 6 semester hours of calculus and 6 semester hours of calculus-based physics, and 3 semester hours of ordinary differential equations. The World Meteorological Organization's Basic Instruction Package for Meteorologists (BIP-M) requires at least 24 semester (36 quarter) hours of credit in meteorology/atmospheric science including a minimum of:

a. Six semester hours of atmospheric dynamics and thermodynamics;
b. Six semester hours of analysis and prediction of weather systems (synoptic/mesoscale);
c. Three semester hours of physical meteorology; and
d. Two semester hours of remote sensing of the atmosphere and/or instrumentation.

Individuals completing programs listed in the Tier 2 requirements are accessed based on the availability of the Basic Meteorology Program (BMP) and ability to complete BIP-M standards within one year while receiving core meteorology instruction at BMP.

NOTE 2: Waiver required. All Tier 3 must apply for an entry waiver. Contact AF/A3WT, Force Management Division, for waiver package content and instructions.

★16F – Foreign Area Officer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	45.09XX	International Relations and National Security Studies (Master's)	Mandatory

★17D – Cyberspace Operations

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	70%	11.XXXX (Excluding 11.03XX and 11.06XX)	Computer and Information Sciences and Support Services	Mandatory
			Or	
		14.09XX	Computer Engineering	
			Or	
		14.1201	Engineering Physics/Applied Physics	
			Or	
		14.3501	Industrial Engineering	
			Or	
		14.4101	Electromechanical Engineering	
			Or	
		14.10XX	Electrical, Electronics and Communications	
			Or	

		15.0303	Electrical, Electronics and Communications Engineering Technology/Technician	
			Or	
		15.1202	Computer Technology/Computer Systems Technology	
			Or	
		29.0207	Cyber/Electronics Operations and Warfare	
			Or	
		30.08XX	Mathematics and Computer Science	
			Or	
		30.16XX	Accounting and Computer Science	
			Or	
		30.3001	Computational Science	
			Or	
		52.12XX	Management Information Systems	
			Or	
		27.0103, 27.0303, 27.0304	Mathematics	
2	20%	14.XXXX (Excluding 14.0102)	Engineering	Desired
			Or	
		15.03XX, 15.04XX, 15.08XX, 15.12XX, 15.14XX	Engineering Technologies	
			Or	
		27.XXXX	Mathematics and Statistics	
			Or	
		40.08XX	Physics	
			Or	
		40.05XX	Chemistry	
3	10%	Any	Any Degree	Permitted

★17S – Cyber Warfare Operations

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	80%	11.XXXX (Excluding 11.03XX and 11.06XX)	Computer and Information Sciences and Support Services	Mandatory
			Or	
		14.09XX	Computer Engineering	
			Or	
		14.1201	Engineering Physics/Applied Physics	
			Or	
		14.3501	Industrial Engineering	
			Or	
		14.4101	Electromechanical Engineering	
			Or	
		14.10XX	Electrical, Electronics and Communications	
			Or	
		15.0303	Electrical, Electronics and Communications Engineering Technology/Technician	
			Or	
		15.1202	Computer Technology/Computer Systems Technology	
			Or	
		29.0207	Cyber/Electronics Operations and Warfare	

			Or	
		30.08XX	Mathematics and Computer Science	
			Or	
		30.16XX	Accounting and Computer Science	
			Or	
		30.3001	Computational Science	
			Or	
		52.12XX	Management Information Systems	
			Or	
		27.0103, 27.0303, 27.0304	Mathematics	
2	15%	14.XXXX (Excluding 14.0102)	Engineering	Desired
			Or	
		15.03XX, 15.04XX, 15.08XX, 15.12XX, 15.14XX	Engineering Technologies	
			Or	
		27.XXXX	Mathematics and Statistics	
			Or	
		40.08XX	Physics	
			Or	
		40.05XX	Chemistry	
3	5%	Any	Any Degree	Permitted

19Z – Special Warfare (Established 30 April 2020)

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	XX.XXXX	Any Degree	Desirable

Current accessions process incorporates Aptitude, Physical and Leadership assessments. This AFSC has no specific degree requirement.

★21A – Aircraft Maintenance

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 10%	14.XX	Engineering, General	Desirable
2	> 65%	40.XXXX	Physical Sciences	Desirable
		15.1501	Engineering/Industrial Management	
			Data Analytics	
			Supply Chain Management	
			Process Engineering	
			Ops Research	
		52.02XX	Business Administration	
		52.0409	Parts, Warehousing and Inventory Management	
		52.06XX	Business/Managerial Economics	
		11.01XX	Computer and Information Science	
		11.02XX	Computer Programming	
		11.03XX	Data Processing	
		11.04XX	Information Science/Studies	
		11.07XX	Computer Science	
		11.10XX	Computer/Information Technology Administration and Management	
		52.12XX	Management Information Systems	
		49.0104	Aviation/Airway Management and Operations	
		49.0101	Aeronautics/Aviation/Aerospace Science and Technology	
3	> 25%	XX.XXXX	Any Degree	Permitted

★21M – Munitions and Missile Maintenance

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 10%	14.XX	Engineering, General	Desirable
		14.02XX	Aerospace, Aeronautical and Astronautical Engineering	
		14.23XX	Nuclear Engineering	
		14.27XX	Systems Engineering	
		14.35XX	Industrial Engineering	
		14.41XX	Electromechanical Engineering	
2	> 70%	11.07XX	Computer Science	Desirable
		11.01XX	Computer and Information Sciences	
		11.10XX	Computer/Information Technology	
		27.XXXX	Mathematics and Statistics	
		29.0407	Missile and Space Systems Technology	
		29.0408	Munitions Systems/Ordnance Technology	
		40.XXXX	Physical Sciences	
		15.1501	Engineering/Industrial Management	
			Data Analytics	
			Supply Chain Management	
			Process Engineering	
			Ops Research	
		52.02XX	Business Administration	
		52.0409	Parts, Warehousing, and Inventory Management	
		52.06XX	Business/Managerial Economics	
		52.13XX	Management Sciences and Quantitative Methods	
3	> 20%	XX.XXXX	Any Degree	Permitted

★21R – Logistics Readiness

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 10%	14.25XX	Petroleum Engineering	Desirable
		14.07XX	Chemical Engineering	
2	> 70%	11.01XX	Computer and Information Science	Desirable
			Data Analytics	
			Supply Chain Management	
			Process Engineering	
			Ops Research	
		11.02XX	Computer Programming	
		11.03XX	Data Processing	
		11.04XX	Information Science/Studies	
		11.07XX	Computer Science	
		11.10XX	Computer/Information Technology Administration and Management	
		15.1501	Engineering/Industrial Management	
		45.06XX	Economics	
		49.0101	Aeronautics/Aviation/Aerospace Science and Technology	
		52.02XX	Business Administration	
		52.03XX	Accounting and Related Services	
		52.0409	Parts, Warehousing, and Inventory Management	
		52.06XX	Business/Managerial Economics	
		52.08XX	Finance and Financial Management Services	
		52.12XX	Management Information Systems and Services	
3	> 20%	XX.XXXX	Any Degree	Permitted

31P – Security Forces

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 80%	43.0103	Criminal Justice/Law Enforcement Admin, or	Desirable
		43.0104	Criminal Justice/Safety Studies, or	
		45.0902	National Security Policy Studies	
		43.0107	Criminal Justice/Police Science, or	
		43.0111	Criminalistics and Criminal Science, or	
		43.0112	Securities Services/Administration, or	
		43.0114	Law Enforcement Investigation/Interviewing, or	
		43.0118	Law Enforcement Intelligence Analysis, or	
		43.0119	Critical Incident Response/Special Police Ops, or	
		43.0120	Protective Services Operations, or	
		43.0102	Corrections, or	
		43.0113	Corrections Administration, or	
		43.0199	Corrections and Criminal Justice, or	
		43.0301	Homeland Security, or	
		43.0302	Crisis/Emergency/Disaster Management, or	
		43.0303	Critical Infrastructure Protection, or	
		43.0304	Terrorism and Counterterrorism Operations, or	
		43.9999	Homeland Security/Law Enforcement/Protective Services, or	
		45.0401	Criminology, or	
		45.1101	Sociology, or	
		22.0000	Legal Studies (Undergraduate), or	
		22.0001	Pre-Law Studies, or	
		22.9999	Legal Professions and Studies, Other (Undergraduate)	
2	< 20%	XX.XXXX	Any Degree	Desirable

32E – Civil Engineering

32EXA – Architect/Architectural Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	04.02XX	Architecture	Mandatory
			Or	
		14.0401	Architectural Engineering	

32EXC – Civil Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.08XX	Civil Engineering	Mandatory

32EXE – Electrical Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.10XX	Electrical, Electronics and Communications Engineering	Mandatory

32EXF – Mechanical Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.1901	Mechanical Engineering	Mandatory

32EXG – General Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.0401	Architectural Engineering	Mandatory
			Or	
		14.08XX	Civil Engineering	
			Or	
		14.10XX	Electrical, Electronics and Communications Engineering	
			Or	
		14.1401	Environmental/Environmental Health Engineering	
			Or	
		14.1901	Mechanical Engineering	
			Or	
		14.3301	Construction Engineering	
			Or	
		14.3501	Industrial Engineering	

32EXJ – Environmental Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.1401	Environmental/Environmental Health Engineering	Mandatory

★35P – Public Affairs

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> or = 70%	09.XXXX	Communication, Journalism and Related Programs	Mandatory
2	> or = 20%	23.13	Rhetoric and Composition/Writing Studies	Desired
			Or	
		42 Series	Psychology	
			Or	
		45.09XX	International Relations and National Security Studies	
			Or	
		45.10XX	Political Science and Government	
			Or	
		52.14XX	Marketing	
3	< or = 10%	XX.XXXX	Any Degree	Permitted

38F – Force Support

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	20%	27.XXXX	Mathematics and Statistics	Mandatory
			Or	
		14.3701	Operations Research	
			Or	
		14.3501	Industrial Engineering	
			Or	
		52.13XX	Management Sciences and Quantitative Methods	
		30.1601	Accounting and Computer Science	
			Or	
		30.1701	Behavioral Science	
			Or	
		42.2804	Industrial and Organizational Psychology	
			Or	
		44.04XX	Public Administration	
			Or	
		44.05XX	Public Policy Analysis	
			Or	

2	> 65%	45.06XX	Economics	Desirable
			Or	
		52.02XX	Business Administration, Management and Operations	
			Or	
		52.03XX	Accounting and Related Services	
			Or	
		52.06XX	Business/Managerial Economics	
			Or	
		52.08XX	Finance and Financial Management Services	
			Or	
		52.10XX	Human Resources Management and Services	
3	< 15%	XX.XXXX	Any Degree	Permitted

61C – Chemist/Nuclear Chemist

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 60%	14.07 Series (Any)	Chemical Engineering	Mandatory
			Or	
		26.0202	Biochemistry	
			Or	
		26.0205	Molecular Biochemistry	
			Or	
		40.05 Series (Any)	Chemistry	
2	< 30%	14.0601	Ceramic Sciences and Engineering	Desired
			Or	
		14.1801	Materials Engineering	
			Or	
		14.3201	Polymer/Plastics Engineering	
			Or	
		14.4301	Biochemical Engineering	
			Or	
		14.4401	Engineering Chemistry	
			Or	
		26.021	Biochemistry and Molecular Biology	
			Or	
		26.0299	Biochemistry, Biophysics and Molecular Biology, Other	
			Or	
		40.10 Series (Any)	Materials Science	
3	< 10%	14.0501	Bioengineering and Biomedical Engineering	Permitted
			Or	
		14.2001	Metallurgical Engineering	
			Or	
		14.2501	Petroleum Engineering	
			Or	
		14.4501	Biological/Bio-systems Engineering	

61CXN – Chemist/Nuclear Chemist, Nuclear

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	40.0506	Physical Chemistry	Mandatory
			Or	
		40.0508	Chemical Physics	
			Or	
		40.0599	Chemistry, Other: Specifically Radiochemistry, Nuclear Chemistry or similar sub-disciplines	

61D – Physicist/Nuclear Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.12 Series (Any)	Engineering Physics	Mandatory
			Or	
		14.23 Series (Any)	Nuclear Engineering	
			Or	
		40.02 Series (Any)	Astronomy and Astrophysics	
		40.08 Series (Any)	Physics	

61DXN – Physicist/Nuclear Engineer, Nuclear

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.23 Series (Any)	Nuclear Engineering	Mandatory
			Or	
		40.0202	Astrophysics	
			Or	
		40.0802	Atomic/Molecular Physics	
			Or	
		40.0804	Elementary Particle Physics	
			Or	
		40.0805	Plasma and High-Temperature Physics	
		40.0806	Nuclear Physics	

62E – Developmental Engineer
62EXA – Aeronautical Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.02 Series (Any)	Aerospace, Aeronautical and Astronautical Engineering *Concentration in Aeronautical Engineering	Mandatory

62EXB – Astronautical Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.02 Series (Any)	Aerospace, Aeronautical and Astronautical Engineering *Concentration in Astronautical Engineering	Mandatory

★62EXC – Computer Systems Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.09 Series (Any)	Computer Engineering	Mandatory
			Or	
		14.47 Series (Any)	Electrical and Computer Engineering	

★62EXE – Electrical/Electronic Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.10 Series (Any)	Electrical, Electronics and Communications Engineering	Mandatory
			Or	
		14.47 Series (Any)	Electrical and Computer Engineering	

62EXF – Flight Test Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14 Series (Any, Excluding 14.0102)	Engineering	Mandatory
			Or	
		27 Series (Any)	Mathematics and Statistics	
			Or	
		40 Series (Any)	Physical Science	

62EXG – Project/General Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14 Series (Any, Excluding 14.0102, 14.37)	Engineering	Mandatory

62EXH – Mechanical Engineer

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.19 Series (Any)	Mechanical Engineering	Mandatory

62EXI – Systems Engineering, Human Factors Engineer/Human Systems Integration

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	100%	14.27 Series (Any)	Systems Engineering (Emphasis on Human Factors Engineering)	Mandatory
			Or	
		14.35 Series (Any)	Industrial Engineering (Emphasis on Human Factors Engineering)	

★63A – Acquisition Manager

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 20%	14 Series (Any)	Engineering	Mandatory
			Or	
		40 Series (Any)	Physical Science	
2	≥ 70%	11 Series (Any)	Computer and Information Sciences and Support Services	Desired
			Or	
		27 Series (Any)	Mathematics and Statistics	
			Or	
		45.06 Series (Any)	Economics	
			Or	
		52 Series (Any, Excluding 52.04)	Business, Management, Marketing, and Related Support Services	
3	≤ 10%	Any	Any with 24 semester hours of business coursework	Permitted

64P – Contracting

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	>25%	52.XXX	Business, Management, Marketing, and related support services	Desired
2	≥ 20%	14.XXX	Engineering	Desired
		15.XXX	Engineering Technologies and Engineering-Related Fields	
		26.XXX	Biological and Biomedical Sciences	
		27.XXX	Mathematics and Statistics	
		29.XX	Military Technologies and Applied Sciences	
		40.XXX	Physical Sciences	
		41.XXX	Science Technologies/Technicians	
3	≥ 25%	28.XXX	Military Science, Leadership and Op'l Art	Desired
		44.XXX	Public Administration and Social Service Professions	
		45.XXX (Other than 45.06X)	Social Sciences	
		54.XXX	History	
		16.XXX	Foreign Languages	
		23.XXX	English	
		05.XXX	Area, Ethnic, Cultural Studies	
		22.00XX	General Legal Studies	
		22.0101	Law	
		22.02XX	Legal Research and Advanced Professional Studies	
		42.XXX	Psychology	
4	≤ 30%	XX.XXXX	Any Degree	Permitted

65F – Financial Management

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 40%	45.06XX	Economics	Desired
			Or	
		52.03XX	Accounting and Related Services	
			Or	
		52.06XX	Business/Managerial Economics	
			Or	
		52.13XX	Management Sciences and Quantitative Methods	
			Or	
		52.08XX	Finance and Financial Management Services	
2	> 30%	27.XXXX	Mathematics and Statistics	Desired
			Or	
		52.XXXX	Business, Management, Marketing, and Related Support Services	
			Or	
		14.XXXX	Engineering	
3	< 30%	XX.XXXX	Any	Permitted

★71S – Special Investigations

Tier	*Target Accession Rate*	*CIP*	*Education Program Description*	*Requirement*
1	> 20%	43.01XX	Criminal Justice and Corrections	Desirable
			Or	
		45.0401	Criminology	
2	> 40%	30.1701	Behavioral Science	Desirable
			Or	
		42.2707	Social Psychology	
			Or	
		42.2812	Forensic Psychology	
			Or	
		45.10XX	Political Science and Government	
			Or	
		29.0207	Cyber/Electronics Operations and Warfare	
			Or	
		14.09XX	Computer Engineering	
			Or	
		15.1202	Computer Technology/Computer Systems Technology	
			Or	
		11.0701	Computer Science	
			Or	
		05.XXX	Area, Ethnic, Cultural Studies	
			Or	
		16.XXX	Foreign Language	
3	> 15%	44.0401	Public Administration	Desirable
			Or	
		52.0201	Business Administration and Management	
			Or	
		52.03XX	Accounting and Related Services	
			Or	
		22.0101	Law	
			Or	
		22.00XX	General Legal Studies	
4	> 25%	XX.XXXX	Any Degree	Desirable

Section III
OFFICER SPECIAL EXPERIENCE IDENTIFIERS

Introduction
(Changed 31 Oct 2020)

1. Special Experience Identifiers (SEI). SEIs complement other classification tools to provide the means to record and retrieve specific experience and training to satisfy management needs. Requests to establish, delete, or revise SEIs are according to the Air Force Career Field Managers' Guide available at the **AF Personnel Services web site.**

2. The Alphanumeric Structure. The officer SEI is a three-character alphanumeric code, consisting of an activity code (first character) and an experience set (last two characters). The activity code identifies possible activities performed in a variety of utilization fields. Section III-A lists activity codes and definitions. An experience set identifies a particular system, level of experience, or the type of experience. Section III-B contains authorized experience sets. Activity codes may be used with any experience set to form a SEI.

3. Use of SEIs. SEIs provide a method to quickly screen the officer database for specific experience, and SEIs may be used in the officer assignment process. Interaction of activity codes with experience sets and the broad application guidelines relating to AFSC-SEI relationship (no AFSC constraints) provide assignment officers the capability for finite identification of experience, training, and qualifications to use in meeting management needs.

4. Functional Users and Manpower Responsibilities. Over 46,000 separate SEI codes are possible in the officer SEI program when combining the Activity Code and Experience Set. The size of such a system, coupled with no MilPDS edits on officer SEIs to any particular AFSC, limits ability of any single agency to control placement of SEIs on unit manpower documents. Functional users are the most important link in the success of the officer SEI program, and benefit most by the SEI program. Functional users must frequently review each position under their areas of responsibility to determine appropriateness of identifying positions by SEI. Using the following criteria may be helpful: Is the officer filling the position gaining special experience identified by a current SEI in this instruction? Does the position require special experience identified by a current SEI? If the answer to either of these questions is yes, then coding the position with the SEI is appropriate.

5. Award and Withdrawal of Officer SEIs. Unit commanders award SEIs and the servicing MPS updates MilPDS. SEIs are awarded when an officer has completed the qualification criteria listed in this attachment for a particular experience set. The process for awarding and requesting withdrawal of an SEI is contained in the Personnel Services Delivery (PSD) Guide—SEI Process. An SEI may be withdrawn because of loss of qualification for award (loss of security clearance, medical disqualification, and so forth). An SEI is automatically withdrawn during the AFSC Conversion cycle when its component activity code or experience set is removed from the inventory of available SEIs.

Click to View:

31 Oct 2020
Table of Officer Activity Codes

Click to View:

31 Oct 2020
Table of Officer Experience Sets

Attachment 1

OFFICER
CHANGE SUMMARY AND CONVERSION INSTRUCTION GUIDE
FOR 31 OCTOBER 2020

Click to View:

31 Oct 2020
Officer
Change Summary and Conversion Guide

Attachment 2

QUICK-REFERENCE GUIDE

OFFICER AIR FORCE SPECIALTY CODES (AFSCS)
CHANGED 31 OCTOBER 2020

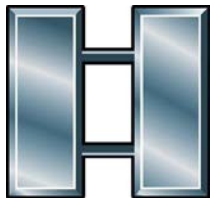
Click to View:

31 Oct 2020
Officer AFSC
Quick-Reference Guide

Attachment 3

OFFICER CLASSIFICATION STRUCTURE CHART
(Changed 31 Oct 20)

Entry/Student
1-skill level



Intermediate/Qualified Pilot
2-skill level

Qualified/Aircraft Commander
3-skill level

Staff
4-skill level

OFFICER CLASSIFICATION STRUCTURE CHART

Click to View:

31 Oct 2020
Officer Classification Structure Chart

Attachment 4

LIST OF OFFICER AFSCs AUTHORIZED FOR USE WITHOUT SHREDOUTS

(Changed 31 October 2017)

The following officer AFSCs may be used without shredouts when required to reflect manpower authorizations and to identify and report officers qualified in basic AFSCs. All other AFSCs for which shredouts have been established will not be used without shredout unless specifically authorized by HQ AFPC/DP2SSM.

13B1	21M1	38F3/1	42EX	43HX	44DX	45BX	46NX	47GX	61CX
13L3			42GX	43PX	44EX	45EX		47PX	61DX
13S1/4			42PX		44KX	45GX		47SX	
15W3/1					44MX	45NX			
					44PX	45SX			
					44RX	45UX			
					44SX				
					44YX				