

Navigation of Electronic AF Officer Classification Directory

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31 January 2010
(Corrected Copy as of 14 January 2010)

**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

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](#).

★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 AFI 36-2101, chapter 6. This update contains all changes that have been approved subsequent to **31 January 2010** 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 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, 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 procedures to change the officer classification structure and guidance to award and withdraw officer classification codes. Personnel systems and manpower procedures are in AFCSM 36-699, volume 1, *Military Personnel Flight (MPF) Management and Military Personnel Data System (MilPDS) User Guidelines*, and AFI 38-201, *Determining Manpower Requirements*, respectively.

AFOCD

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Section I

AUTHORIZED PREFIXES (Changed 31 Jan 10)

| Prefix | Title | Explanation |
|--------|--|--|
| A | Operational Warfare Instructor | <p>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.</p> <p>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.</p> <p>Affix to the Duty AFSC (entry, intermediate, qualified, or staff) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) in which qualification is demonstrated. Retain so long as the officer remains qualified.</p> <p>Officers must possess the following prerequisite for award of this prefix:</p> <p>Completion of the Command and Control Warrior Advanced Course (C2WAC) (PDS code CON).</p> <p>★Use only with the following awarded AFSCs:</p> <p>11XX, 12XX, 13BX, 13DX, 13L1/L3A/J, 13MX, 13SX, 14NX, 16GX, 21AX, 21MX, 21RX, 33SX, 51JX.</p> |
| B | Squadron Operations/ Operations Support Officer | <p>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.</p> <p>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 Air Intelligence Agency.</p> |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|------|---------------|------|------|---------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| B | Squadron Operations/ Operations Support Officer (Continued) | <p>This prefix is restricted to Maj or Lt Col authorizations on manpower documents.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retained only so long as they are incumbents.</p> <p>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.</p> <p>Retain the prefix as long as the officer remains qualified.</p> <p>★Use prefix B with only the following AFSCs:</p> <p>11X3 12X3 13X3 14N3 15W3 33S3 62E3</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ★C | Commander | <p>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, headquarters squadron sections, support squadrons, and detachments.</p> <p>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.</p> <p>Affix to the Duty AFSC upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) when qualification as a commander has been demonstrated.</p> <p>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.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 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. Certification by immediate supervisor that the officer possesses commander qualifications. <p>The following AFSCs are not authorized for use with Prefix C:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">10C0</td> <td style="width: 20%;">20C0</td> <td style="width: 20%;">30C0</td> <td style="width: 20%;">33C0</td> <td style="width: 20%;">40C0A/B/C/D/E</td> </tr> <tr> <td>52R1/3</td> <td>60C0</td> <td>80C0</td> <td>81C0</td> <td>81T0</td> </tr> <tr> <td>82A0</td> <td>84H0</td> <td>86M0</td> <td>86P0</td> <td>87G0</td> </tr> <tr> <td>88A0</td> <td>90G0</td> <td>91C0</td> <td>91W0</td> <td>92J0</td> </tr> <tr> <td>92J1</td> <td>92J2</td> <td>92J3</td> <td>92M0</td> <td>92M1</td> </tr> <tr> <td>92M2</td> <td>92R0</td> <td>92S0</td> <td>92T0</td> <td>92T1</td> </tr> <tr> <td>92T2</td> <td>92W0</td> <td>92W1</td> <td>93P0</td> <td>94N0</td> </tr> <tr> <td>95A0</td> <td>96D0</td> <td>96U0</td> <td>96V0</td> <td>97E0</td> </tr> </table> <p>Not authorized with any 4 qualification level AFSC.</p> | 10C0 | 20C0 | 30C0 | 33C0 | 40C0A/B/C/D/E | 52R1/3 | 60C0 | 80C0 | 81C0 | 81T0 | 82A0 | 84H0 | 86M0 | 86P0 | 87G0 | 88A0 | 90G0 | 91C0 | 91W0 | 92J0 | 92J1 | 92J2 | 92J3 | 92M0 | 92M1 | 92M2 | 92R0 | 92S0 | 92T0 | 92T1 | 92T2 | 92W0 | 92W1 | 93P0 | 94N0 | 95A0 | 96D0 | 96U0 | 96V0 | 97E0 |
| 10C0 | 20C0 | 30C0 | 33C0 | 40C0A/B/C/D/E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52R1/3 | 60C0 | 80C0 | 81C0 | 81T0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82A0 | 84H0 | 86M0 | 86P0 | 87G0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88A0 | 90G0 | 91C0 | 91W0 | 92J0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92J1 | 92J2 | 92J3 | 92M0 | 92M1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92M2 | 92R0 | 92S0 | 92T0 | 92T1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92T2 | 92W0 | 92W1 | 93P0 | 94N0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95A0 | 96D0 | 96U0 | 96V0 | 97E0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>D</p> | <p>Advanced Logistics Officer Course Graduates</p> | <p>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:</p> <ol style="list-style-type: none"> 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 21RX – Logistics readiness tactics, techniques, and procedures required to support an Aerospace Expeditionary Force, all associated Agile Combat Support process, and developing logistics readiness techniques and procedures. <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>Award and affix to the Primary AFSC when qualification has been demonstrated.</p> <p>Officer must satisfy the following criteria for award of this prefix:</p> <ol style="list-style-type: none"> 1. AFSCs 21AX and 21MX – Successful completion of the Advanced Maintenance and Munitions Officers School (AMMOS). 2. AFSCs 21RX – Successful completion of the Advanced Logistics Readiness Officer Course (ALROC). <p>Use only with the following awarded AFSCs:</p> <p>21A1/3/4 21M1X/3X/4X 21R1/3/4</p> |
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| Prefix | Title | Explanation | | | | | | | | | | | | |
|---------|--------------------------------------|---|----------|--------|--------|----------|--------|--------|---------|--------|------|--------|--|--|
| E | Electronic Warfare (EW) Support Duty | <p>Prefix E identifies positions on manning documents and officers serving in, or qualified to serve in positions requiring functional area expertise to include:</p> <ol style="list-style-type: none"> 1. The ability to plan, collect, analyze, and apply intelligence 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. <p>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.</p> <p>Affix to the Duty AFSC (entry, intermediate, qualified) on assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>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.</p> <p>Officers must satisfy one of the following criteria for award of this prefix:</p> <ol style="list-style-type: none"> 1. Completion of one of the following courses plus 6 months EW staff related duty: <ol style="list-style-type: none"> 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 XSS), or, 2. Twenty-four months of experience in an EW staff position. <p>★Use prefix E only with the following AFSCs:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">11X3/4</td> <td style="padding: 2px;">12X3/4</td> <td style="padding: 2px;">13X3/4</td> <td style="padding: 2px;">13L3/A/J</td> <td style="padding: 2px;">14N3/4</td> <td style="padding: 2px;">21A3/4</td> </tr> <tr> <td style="padding: 2px;">21M3X/4</td> <td style="padding: 2px;">33S3/4</td> <td style="padding: 2px;">61X3</td> <td style="padding: 2px;">62E3/4</td> <td></td> <td></td> </tr> </table> | 11X3/4 | 12X3/4 | 13X3/4 | 13L3/A/J | 14N3/4 | 21A3/4 | 21M3X/4 | 33S3/4 | 61X3 | 62E3/4 | | |
| 11X3/4 | 12X3/4 | 13X3/4 | 13L3/A/J | 14N3/4 | 21A3/4 | | | | | | | | | |
| 21M3X/4 | 33S3/4 | 61X3 | 62E3/4 | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | | | |
|--------|------------------------------------|---|------|------|------|------|------|------|------|--|--|--|--|--|
| F | Aircraft Systems Flight Evaluation | <p>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.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) 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</p> <p>Officers must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 1. Flying Status Code as listed in AFI 33-110, <i>Data Administration Program</i>. 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. <p>★Use prefix F only with the following AFSCs:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>11X3</td> <td>12X3</td> <td>21AX</td> <td>21RX</td> <td>60C0</td> <td>62EX</td> </tr> <tr> <td>63AX</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | 11X3 | 12X3 | 21AX | 21RX | 60C0 | 62EX | 63AX | | | | | |
| 11X3 | 12X3 | 21AX | 21RX | 60C0 | 62EX | | | | | | | | | |
| 63AX | | | | | | | | | | | | | | |
| G | Automated Systems Program Designer | <p>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 automated Air Force function. Do not use this prefix to identify positions and personnel with full qualification in the Communications-Computer Systems Career Area. AFSCs 33SX 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 formats. ASPDs prepare system charts, administrative processing charts, and data layouts showing information to be processed. Also, they use functional area knowledge to direct activities of programmers and coders in the development, maintenance, and modification of programs.</p> <p>Affix to the Duty AFSC (entry or qualified) on assignment of officers to these positions and retain only so long as they are incumbents.</p> | | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | |
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| G | Automated Systems Program Designer (Continued) | <p>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.</p> <p>Officers must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 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.) <p>NOTE: The substitution of experience for formal training does not apply to personnel in AFSC 21S3. These individuals must complete the mandatory training and the 12 months of experience before award of the prefix. A waiver of the mandatory training for personnel in AFSC 21S3 may be granted only by the major command. When a waiver is granted, the 18 months of experience requirement will apply.</p> <ol style="list-style-type: none"> 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. <p>★Use prefix G only with the following awarded AFSCs:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">11X3/4</td> <td style="padding: 2px;">12X3/4</td> <td style="padding: 2px;">13BXU</td> <td style="padding: 2px;">13B3B/C/D/K/L</td> <td style="padding: 2px;">13SXA/D/E</td> </tr> <tr> <td style="padding: 2px;">14N3/4</td> <td style="padding: 2px;">15W3</td> <td style="padding: 2px;">21R3</td> <td style="padding: 2px;">34M3</td> <td style="padding: 2px;">38F3</td> </tr> <tr> <td style="padding: 2px;">41A3</td> <td style="padding: 2px;">62E3/4</td> <td style="padding: 2px;">65F3</td> <td></td> <td></td> </tr> </table> | 11X3/4 | 12X3/4 | 13BXU | 13B3B/C/D/K/L | 13SXA/D/E | 14N3/4 | 15W3 | 21R3 | 34M3 | 38F3 | 41A3 | 62E3/4 | 65F3 | | |
| 11X3/4 | 12X3/4 | 13BXU | 13B3B/C/D/K/L | 13SXA/D/E | | | | | | | | | | | | | |
| 14N3/4 | 15W3 | 21R3 | 34M3 | 38F3 | | | | | | | | | | | | | |
| 41A3 | 62E3/4 | 65F3 | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation |
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| ★H | Military Consultant to the Surgeon General | <p>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.</p> <p>Do not use this prefix on manning documents. Do not affix to the Duty AFSC of officers.</p> <p>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.</p> <p>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).</p> |
| ★J | Parachutist | <p>Prefix J identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring parachutist qualifications.</p> <p>Affix to the Duty AFSC upon assignment of officers to these positions and retained only as long as they are incumbents.</p> <p>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.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 1. Successful completion of parachutist training. 2. Physical qualification to perform parachute duty according to AFI 48-123, <i>Medical Examinations and Standards</i>. 3. Parachute rating. |

| Prefix | Title | Explanation |
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| K | Instructor | <p>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 and Missile, and Command and Control, Aerial Reconnaissance Weather Officer, or Airborne Intelligence Officer for the weapon system with which the AFSC is associated.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>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.</p> <p>★Use prefix K only with the following awarded AFSCs</p> <p style="text-align: center;"> 11X3 12B2E 12X3 13BXU 13B3B/C/D/K/Y/Z 13S2C 13S3A/B/C/D/E 14N3 15W3 </p> |
| L | Life Support | <p>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 life support equipment requirements; supervise use, care, storage, inspection, and fitting of life support equipment; review aircraft accident, safety, and operational hazard reports for life support related equipment; supervise training of survival training and protective equipment personnel; and supervise training of aircrews in use of life support equipment necessary to perform aircrew duties.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only as long as they are incumbents.</p> <p>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.</p> <p>Officers must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 1. Successful completion of a life support officer course and 1 year of experience as a life support officer. 2. Current aeronautical rating and current flying status orders as a pilot or navigator. <p>★Use prefix L only with awarded AFSCs 11XX and 12XX.</p> |

| Prefix | Title | Explanation |
|--------|---|--|
| ★M | Medical Service Specialist | <p>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, <i>Professional Board and National Certification Examinations</i>, for a list of approved boards and certification procedures for award of prefix M.</p> <p>Do not use this prefix on manning documents. Do not affix to the Duty AFSC of officers.</p> <p>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 (4XX3X) awarded AFSCs.</p> <p>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.</p> <p>For award with AFSCs 11XX and 12XX, completion of an approved formal physiological training instructor course is mandatory.</p> <p>For physiological training, use prefix M only with AFSCs 11XX and 12XX.</p> |
| ★N | Combat Systems Officer(CSO)/Air Battle Manager (ABM) Required | <p>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 the Directorate of Operations and Training (HQ USAF/XOOT). Submit requests according to AFI 38-201, <i>Determining Manpower Requirements</i>. This prefix is not intended or authorized for use with rated AFSCs.</p> <p>Affix to the duty AFSC upon assignment of officers to these positions, and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, third) in which qualification is demonstrated. Retain only so long as officer remains qualified.</p> <p>When prefix N is affixed to an AFSC (manpower document, duty, awarded), one of the following suffixes must be affixed to the AFSC:</p> <p>M- UAS 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</p> <p>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).</p> <p>Officers assigned to prefix N positions must possess a current aeronautical rating and qualification for aviation service as a navigator.</p> |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| N | Combat Systems Officer/Air Battle Manager (ABM) Required | <p>Use prefix N only with the following AFSCs:</p> <table border="0"> <tr> <td>10C0</td> <td>13AX</td> <td>13MX</td> <td>13S1A</td> <td>13S1B</td> <td>13S1D</td> </tr> <tr> <td>13S1E</td> <td>13S3A</td> <td>13S3B</td> <td>13S3D</td> <td>13S3E</td> <td>13S4</td> </tr> <tr> <td>14NX</td> <td>16FXJ/K</td> <td>16PX</td> <td>20C0</td> <td>21RX</td> <td>30C0</td> </tr> <tr> <td>32EX</td> <td>33SX</td> <td>38FX</td> <td>61XX</td> <td>62EX</td> <td>63AX</td> </tr> <tr> <td>64PX</td> <td>80C0</td> <td>81C0</td> <td>81T0</td> <td>82A0</td> <td>83R0</td> </tr> <tr> <td>87G0</td> <td>91C0</td> <td>97E0</td> <td></td> <td></td> <td></td> </tr> </table> | 10C0 | 13AX | 13MX | 13S1A | 13S1B | 13S1D | 13S1E | 13S3A | 13S3B | 13S3D | 13S3E | 13S4 | 14NX | 16FXJ/K | 16PX | 20C0 | 21RX | 30C0 | 32EX | 33SX | 38FX | 61XX | 62EX | 63AX | 64PX | 80C0 | 81C0 | 81T0 | 82A0 | 83R0 | 87G0 | 91C0 | 97E0 | | | |
| 10C0 | 13AX | 13MX | 13S1A | 13S1B | 13S1D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13S1E | 13S3A | 13S3B | 13S3D | 13S3E | 13S4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14NX | 16FXJ/K | 16PX | 20C0 | 21RX | 30C0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32EX | 33SX | 38FX | 61XX | 62EX | 63AX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64PX | 80C0 | 81C0 | 81T0 | 82A0 | 83R0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87G0 | 91C0 | 97E0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O | Support Squadron Operations Officer | <p>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.</p> <p>This prefix is restricted to Maj or Lt Col authorizations on manpower documents.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 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. <p>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.</p> <p>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.</p> <p>Prefix is NOT authorized with the following AFSCs:</p> <table border="0"> <tr> <td>11X3</td> <td>12X3</td> <td>13X3</td> <td>14N3</td> <td>15W3</td> <td>51JX</td> </tr> <tr> <td>52RX</td> <td>62E3F</td> <td>X0C0</td> <td>84H0</td> <td>87G0</td> <td>88A0</td> </tr> <tr> <td colspan="6">9XXX (except 94N0)</td> </tr> </table> <p>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).</p> | 11X3 | 12X3 | 13X3 | 14N3 | 15W3 | 51JX | 52RX | 62E3F | X0C0 | 84H0 | 87G0 | 88A0 | 9XXX (except 94N0) | | | | | | | | | | | | | | | | | | | | | | | |
| 11X3 | 12X3 | 13X3 | 14N3 | 15W3 | 51JX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52RX | 62E3F | X0C0 | 84H0 | 87G0 | 88A0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9XXX (except 94N0) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|----------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|
| P | Pilot Required | <p>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 the Directorate of Operations (HQ USAF/A3O-AT). Submit requests according to AFI 38-201. This prefix is not intended or authorized for use with rated AFSCs.</p> <p>Affix to the duty AFSC upon assignment of officers to these positions, and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, third) in which qualification is demonstrated. Retain as long as the officer remains qualified.</p> <p>When prefix P is affixed to an AFSC (manpower document, duty, awarded), then one of the following suffixes must be affixed to the AFSC:</p> <p>M - UAS P - Fighter Q - Trainer R - Bomber S - Tanker T - Airlift V - Helicopter W - General Y - Spec Ops Z - C2ISREW</p> <p>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).</p> <p>Officers assigned to prefix P positions must possess a current aeronautical rating and qualification for aviation service as a pilot.</p> <p>Use prefix P only with the following AFSCs:</p> <table> <tr> <td>10C0</td> <td>13AX</td> <td>13MX</td> <td>13S1A</td> <td>13S1B</td> <td>13S1D</td> </tr> <tr> <td>13S1E</td> <td>13S3A</td> <td>13S3B</td> <td>13S3D</td> <td>13S3E</td> <td>13S4</td> </tr> <tr> <td>14NX</td> <td>16FXJ/K</td> <td>16PX</td> <td>20C0</td> <td>21RX</td> <td>30C0</td> </tr> <tr> <td>32EX</td> <td>33SX</td> <td>38FX</td> <td>48AX</td> <td>48GX</td> <td>48RX</td> </tr> <tr> <td>48VX</td> <td>61XX</td> <td>62EX</td> <td>63AX</td> <td>64PX</td> <td>80C0</td> </tr> <tr> <td>81C0</td> <td>81T0</td> <td>82A0</td> <td>83R0</td> <td>87G0</td> <td>91C0</td> </tr> <tr> <td>97E0</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | 10C0 | 13AX | 13MX | 13S1A | 13S1B | 13S1D | 13S1E | 13S3A | 13S3B | 13S3D | 13S3E | 13S4 | 14NX | 16FXJ/K | 16PX | 20C0 | 21RX | 30C0 | 32EX | 33SX | 38FX | 48AX | 48GX | 48RX | 48VX | 61XX | 62EX | 63AX | 64PX | 80C0 | 81C0 | 81T0 | 82A0 | 83R0 | 87G0 | 91C0 | 97E0 | | | | | |
| 10C0 | 13AX | 13MX | 13S1A | 13S1B | 13S1D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13S1E | 13S3A | 13S3B | 13S3D | 13S3E | 13S4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14NX | 16FXJ/K | 16PX | 20C0 | 21RX | 30C0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32EX | 33SX | 38FX | 48AX | 48GX | 48RX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48VX | 61XX | 62EX | 63AX | 64PX | 80C0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81C0 | 81T0 | 82A0 | 83R0 | 87G0 | 91C0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97E0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | |
|----------|--------------------------------|--|----------|-------------|--------|--------|---------|----------|-------------|------|--------|--------|
| Q | Standardization and Evaluation | <p>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 and 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.</p> <p>Affix to the Duty AFSC (entry, intermediate, qualified, or staff) 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.</p> <p>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.</p> <p>NOTE: For AFSC 13SXX, award of the prefix is only authorized for personnel who are qualified as mission ready.</p> <p>★Use only with the following awarded AFSCs:</p> <table border="0"> <tr> <td>11X2/3/4</td> <td>12B2E/3E/4E</td> <td>12X3/4</td> <td>13B3/4</td> <td>13L3A/J</td> </tr> <tr> <td>13S2C/3C</td> <td>13S3A/B/D/E</td> <td>13S4</td> <td>14N3/4</td> <td>15W3/4</td> </tr> </table> | 11X2/3/4 | 12B2E/3E/4E | 12X3/4 | 13B3/4 | 13L3A/J | 13S2C/3C | 13S3A/B/D/E | 13S4 | 14N3/4 | 15W3/4 |
| 11X2/3/4 | 12B2E/3E/4E | 12X3/4 | 13B3/4 | 13L3A/J | | | | | | | | |
| 13S2C/3C | 13S3A/B/D/E | 13S4 | 14N3/4 | 15W3/4 | | | | | | | | |
| ★R | Contingency/War Planner | <p>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.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) when officers demonstrate contingency or warplanner qualifications. Retain until changed or revoked by the AFSC career field manager with the concurrence of HQ USAF/XOXW.</p> <p>Officers must satisfy one of the following criteria for award of this prefix:</p> <ol style="list-style-type: none"> 1. Successful completion of one or more of the following courses and have 6 months of experience in a prefix R position: <ol style="list-style-type: none"> 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). <p>or</p> | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | |
|--------|--|---|------|------|-------|------|--------|---------|--------|--|--------|--------|
| R | Contingency/War Planner (Continued) | 2. 12 months of experience in a prefix R position. <i>NOTE:</i> Changes to this prefix must be approved by HQ USAF/XOXW. | | | | | | | | | | |
| S | Safety | <p>Prefix S 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 Ground, Flight, Systems, and Weapons (Missile, Explosives, or Nuclear) Safety Programs. Officers awarded this prefix must be able to 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.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>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.</p> <p>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:</p> <ol style="list-style-type: none"> 1.1. Successful completion of an appropriate formal safety training course. 1.2. An entry or qualified AFSC. 1.3. Twelve months of experience in a weapons safety assignment. <p>★In the areas of weapons safety (missile, explosives, or nuclear), use only with the following awarded AFSCs:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">11X4</td> <td style="width: 25%;">12X4</td> <td style="width: 25%;">13S3C</td> <td style="width: 25%;">13S4</td> </tr> <tr> <td>21A3/4</td> <td>21M3X/4</td> <td>62E3/4</td> <td></td> </tr> </table> <p>Officers performing duty or selected to perform duty in flight safety functions must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 2.1. Successful completion of Air Force pilot or navigator training. 2.2. Successful completion of a flight safety officer course or 1 year of experience as a flight safety officer. 2.3. Current aeronautical rating and flying status orders as pilot or navigator. 2.4. An entry or qualified AFSC. 2.5. Performance as a pilot or navigator for a minimum of 4 years. <p>In the area of flight safety, use S only with the following awarded AFSCs:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">11X3/4</td> <td style="width: 50%;">12X3/4</td> </tr> </table> | 11X4 | 12X4 | 13S3C | 13S4 | 21A3/4 | 21M3X/4 | 62E3/4 | | 11X3/4 | 12X3/4 |
| 11X4 | 12X4 | 13S3C | 13S4 | | | | | | | | | |
| 21A3/4 | 21M3X/4 | 62E3/4 | | | | | | | | | | |
| 11X3/4 | 12X3/4 | | | | | | | | | | | |

| Prefix | Title | Explanation |
|--------|-------------------------------|--|
| S | Safety (Continued) | <p>Officers performing duty or selected to perform duty in systems safety engineering functions must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 3.1. Successful completion of a systems safety officer course. 3.2. Twelve months of experience in systems safety engineering functions. 3.3. An entry or qualified AFSC. <p>★In the area of systems safety engineering, use only with the following awarded AFSCs:</p> <p style="text-align: center;">11E3 60C0 62E3/4 63A3/4</p> <p>Officers performing duty or selected to perform duty in ground safety functions must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 4.1. Twelve months of experience in ground safety functions. 4.2. An entry level or qualified AFSC. 4.3. Successful completion of a safety officer course. <p>Space operations officers performing duty or selected to perform duty in safety functions supporting space operations must possess one of the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 5.1. Successful completion of an appropriate formal safety training course. 5.2. An entry level or qualified AFSC. 5.3. Twelve months of experience in a space safety assignment. <p>In the area of space operations, use only with the following AFSCs:</p> <p style="text-align: center;">13A3 13S3A/B/D/E 13S4</p> |
| ★T | Formal Training Instructor | <p>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.</p> <p>Affix to the Duty AFSC upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>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.</p> <p>The following instructions apply to the use of this prefix for optometrist in AFSC 42EX and for physicians in AFSCs 44XX, 45XX, and 48XX.</p> <p>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:</p> <ol style="list-style-type: none"> 1. Board certification in the specialty in which instruction is performed. 2. One year of teaching experience in the cited specialty. |

| Prefix | Title | Explanation |
|--------|---|--|
| T | Formal Training Instructor (Continued) | <p>For AFSCs 11XX and 12XX, use prefix T to differentiate schoolhouse flying training instructors and requirements from operational unit instructors and requirements identified with prefix K.</p> <p>Officers in AFSCs 11XX and 12XX must successfully complete a formal instructor training course in the assigned specialty for award of this prefix.</p> |
| U | Information Operations (Created 31 Oct 99) | <p>Prefix U identifies positions on manpower documents and officers serving in, or qualified to serve in, positions requiring Information Operations (IO) expertise and knowledge of:</p> <p>Information-In-Warfare (intelligence, surveillance, and reconnaissance [ISR]; precision navigation and positioning, weather, and other information dissemination activities);</p> <p>Conducting information warfare (IW) operations (offensive and defense counterinformation); and,</p> <p>Integrating and coordinating these disciplines at the Unified Command, Headquarters USAF (HAF); Major Commands (MAJCOM); Centers, such as Air Force Information Warfare Center; Agencies, such as National Security Agency or other national agencies; Numbered Air Forces (NAF); or Information Warfare Flight (IWF) level positions.</p> <p>NOTE: Use of this prefix on manpower documents is restricted solely to authorizations in Unified Command, HAF, MAJCOM Center, NAF, and IWF positions.</p> <p>Officers performing these duties are involved in processes and functions to gain, exploit, defend, and attack information and information systems. They are familiar with IO doctrine, structure, and procedures, including threats, legal issues, ISR assets and capabilities, and national, DOD, and Service organizations and functions. They also manage the distribution of products and services to Air Force Forces (AFFOR) and Joint Forces Air Component Commanders (JFACC).</p> <p>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.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) in which Information Operations qualification has been demonstrated.</p> <p>Retain the prefix as long as the officer remains qualified.</p> <p>Officers must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 1. A qualified or staff level AFSC authorized for use with this prefix. 2. Must possess one of the following prerequisites: <ol style="list-style-type: none"> 2.1. Successful completion of the Air Intelligence Agency (AIA) IO Integration Course (IOIC) (PDS code FIX) <p>or;</p> |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | |
|--------|---|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--|--|--|
| U | Information Operations (Continued) | <p>2.2. 18 months of accumulated IO related experience (or 11 months of in-theater IW-related experience), prior to 31 Dec 00, in positions requiring integration of multiple IO-related tasks to achieve information superiority and commander's recommendation. NOTE: This provision applies to Air Force Computer Emergency Response Team (AFCERT) personnel, former 609 IW Squadron (IWS) personnel, former members of an IW Support Team, former members of the Joint IO Center (JIOC), some members of the AF IW Center, and anyone previously assigned to an IW position requiring integration of multiple IO-related tasks to achieve a state of information superiority.</p> <p>★Use prefix U with only the following AFSCs:</p> <table border="0"> <tr> <td>11X3/4</td> <td>12X3/4</td> <td>13X3/4</td> <td>14X3/4</td> <td>16X3/4</td> </tr> <tr> <td>33S3/4</td> <td>35P3/4</td> <td>42P3/4</td> <td>43B3/4</td> <td>61X3</td> </tr> <tr> <td>62X3/4</td> <td>71S3/4</td> <td></td> <td></td> <td></td> </tr> </table> | 11X3/4 | 12X3/4 | 13X3/4 | 14X3/4 | 16X3/4 | 33S3/4 | 35P3/4 | 42P3/4 | 43B3/4 | 61X3 | 62X3/4 | 71S3/4 | | | |
| 11X3/4 | 12X3/4 | 13X3/4 | 14X3/4 | 16X3/4 | | | | | | | | | | | | | |
| 33S3/4 | 35P3/4 | 42P3/4 | 43B3/4 | 61X3 | | | | | | | | | | | | | |
| 62X3/4 | 71S3/4 | | | | | | | | | | | | | | | | |
| V | Automated Functional Applications Analyst | <p>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 33SX 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.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) on assignment of officers to these positions, and retain only so long as they are incumbents.</p> <p>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.</p> <p>This prefix is awarded and deleted by headquarters no lower than major command level.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 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. | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|-----------------|-----------|--------|-------------|---------|-----------|---------|-----------|----------|--------|--------|---------|-------------|--------|---------|---------|-------------|-------------|--------|-----------------|-----------------|--------|--------|------|--------|--------|--------|--------|--------|------|------|--------|--------|--------|------|--------|------|------|--|--|--|--|
| V | Automated Functional Applications Analyst (Continued) | <p>NOTE: Successful completion of the appropriate AETC course is mandatory for personnel in AFSCs 21S3/4. Only the major command may grant a waiver of the mandatory training requirement.</p> <p>★Use only with the following awarded AFSCs:</p> <table border="0"> <tr> <td>11X3/4</td> <td>12X3/4</td> <td>13B4</td> <td>13B3X</td> <td>13M3/4</td> <td>13S4</td> <td>13S3X</td> </tr> <tr> <td>14N3/4</td> <td>15W3/4</td> <td>16RX</td> <td>21A3/4</td> <td>21M3X/4</td> <td>21R3/4</td> <td>32E3/4</td> </tr> <tr> <td>35P3/4</td> <td>38F3/4</td> <td>41A3/4</td> <td>43BX</td> <td>43D3/4</td> <td>43E3/4</td> <td></td> </tr> <tr> <td>43P3/4</td> <td>43T3/4</td> <td>44A3</td> <td>45S3/4</td> <td>46A3/4</td> <td>46N3/4</td> <td>47G3/4</td> </tr> <tr> <td>48R3/4</td> <td>48VX</td> <td>61X3</td> <td>62E3/4</td> <td>63A3/4</td> <td>64P3/4</td> <td>65F4</td> </tr> <tr> <td>71S3/4</td> <td>86M0</td> <td>86P0</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | 11X3/4 | 12X3/4 | 13B4 | 13B3X | 13M3/4 | 13S4 | 13S3X | 14N3/4 | 15W3/4 | 16RX | 21A3/4 | 21M3X/4 | 21R3/4 | 32E3/4 | 35P3/4 | 38F3/4 | 41A3/4 | 43BX | 43D3/4 | 43E3/4 | | 43P3/4 | 43T3/4 | 44A3 | 45S3/4 | 46A3/4 | 46N3/4 | 47G3/4 | 48R3/4 | 48VX | 61X3 | 62E3/4 | 63A3/4 | 64P3/4 | 65F4 | 71S3/4 | 86M0 | 86P0 | | | | |
| 11X3/4 | 12X3/4 | 13B4 | 13B3X | 13M3/4 | 13S4 | 13S3X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14N3/4 | 15W3/4 | 16RX | 21A3/4 | 21M3X/4 | 21R3/4 | 32E3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35P3/4 | 38F3/4 | 41A3/4 | 43BX | 43D3/4 | 43E3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43P3/4 | 43T3/4 | 44A3 | 45S3/4 | 46A3/4 | 46N3/4 | 47G3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48R3/4 | 48VX | 61X3 | 62E3/4 | 63A3/4 | 64P3/4 | 65F4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71S3/4 | 86M0 | 86P0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W | Weapons and Tactics Instructor | <p>Prefix W identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring knowledge of the characteristics, operation, use, tactics, and effects of strategic bomber, tactical fighter, airlift, rescue, reconnaissance, special operations or conventional and nuclear weapons, and the ability to instruct in these disciplines.</p> <p>The weapons and tactics instructor plans, organizes, and instructs academic and flying training pertaining to the use of weapons; provides advice on the proper weapons and tactics 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, or rescue units.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) in which qualification is demonstrated. Retain so long as the officer remains qualified.</p> <p>Officers must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> 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), the Air Force Space Tactics School, the Navy Electronic Combat Weapons School (ECWS), or the USAF Weapons Instructor Course, CCO, ACC13B3B/C/DIDOZN, (PDS Code 32N). 2. A qualified, authorized AFSC appropriate to one of the courses above. <p>★Use only with the following awarded AFSCs:</p> <table border="0"> <tr> <td>11B3</td> <td>11B4A/C/Y</td> <td>11F3/4</td> <td>11H3/4E/F/G</td> </tr> <tr> <td>11M3/4B</td> <td>11M3/4C/D</td> <td>11M3/4F</td> <td>11M3/4K/R</td> </tr> <tr> <td>11R3D/4D</td> <td>11S3/4</td> <td>11U3/4</td> <td>12B3</td> </tr> <tr> <td>12B4C/D/E/Y</td> <td>12F3/4</td> <td>12M3/4B</td> <td>12M3/4F</td> </tr> <tr> <td>12R3C/E/H/M</td> <td>12R4C/E/H/M</td> <td>12S3/4</td> <td>13B3B/C/D/K/Y/Z</td> </tr> <tr> <td>13B4B/C/D/K/Y/Z</td> <td>13S3/4</td> <td>14N3/4</td> <td></td> </tr> </table> | 11B3 | 11B4A/C/Y | 11F3/4 | 11H3/4E/F/G | 11M3/4B | 11M3/4C/D | 11M3/4F | 11M3/4K/R | 11R3D/4D | 11S3/4 | 11U3/4 | 12B3 | 12B4C/D/E/Y | 12F3/4 | 12M3/4B | 12M3/4F | 12R3C/E/H/M | 12R4C/E/H/M | 12S3/4 | 13B3B/C/D/K/Y/Z | 13B4B/C/D/K/Y/Z | 13S3/4 | 14N3/4 | | | | | | | | | | | | | | | | | | | |
| 11B3 | 11B4A/C/Y | 11F3/4 | 11H3/4E/F/G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11M3/4B | 11M3/4C/D | 11M3/4F | 11M3/4K/R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11R3D/4D | 11S3/4 | 11U3/4 | 12B3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12B4C/D/E/Y | 12F3/4 | 12M3/4B | 12M3/4F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12R3C/E/H/M | 12R4C/E/H/M | 12S3/4 | 13B3B/C/D/K/Y/Z | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13B4B/C/D/K/Y/Z | 13S3/4 | 14N3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|----------------------------------|--|--------|--------|--------|--------|--------|--------|------|------|------|------|------|------|------|--------|--------|--------|--------|------|--------|--------|------|------|------|--|
| X | Nonrated Officer Aircrew Duty | <p>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.</p> <p>Affix prefix X to the Duty AFSC on assignment of officers to these nonrated positions and retain only so long as they are incumbents.</p> <p>Do not affix the prefix to the Awarded AFSC (primary, second, or third).</p> <p>Prefix X is authorized for use with any nonrated officer AFSC published in AFI 65-503, <i>US Air Force Cost and Planning Factors</i> tables for Aircrew Composition.</p> <p>Officers assigned to prefix X positions must meet appropriate physical standards for aircrew duty according to AFI 48-123, <i>Medical Examination and Medical Standards</i>.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Y | Analytical Studies Officer | <p>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.</p> <p>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.</p> <p>Affix to the Duty AFSC (entry, intermediate, or qualified) upon assignment of officers to these positions and retained only so long as they are incumbents.</p> <p>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.</p> <p>This prefix is awarded and deleted by headquarters no lower than major command level.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 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. <p>★Use only with the following awarded AFSCs:</p> <table border="0"> <tr> <td>11X3/4</td> <td>12X3/4</td> <td>13B3/4</td> <td>13D3/4</td> <td>13M3/4</td> <td>13S3/4</td> </tr> <tr> <td>14NX</td> <td>16GX</td> <td>21AX</td> <td>21MX</td> <td>21RX</td> <td>32EX</td> </tr> <tr> <td>33SX</td> <td>38F3/4</td> <td>61B1/3</td> <td>61C1/3</td> <td>61D1/3</td> <td>62EX</td> </tr> <tr> <td>63A3/4</td> <td>64P3/4</td> <td>65W3</td> <td>86M0</td> <td>86P0</td> <td></td> </tr> </table> | 11X3/4 | 12X3/4 | 13B3/4 | 13D3/4 | 13M3/4 | 13S3/4 | 14NX | 16GX | 21AX | 21MX | 21RX | 32EX | 33SX | 38F3/4 | 61B1/3 | 61C1/3 | 61D1/3 | 62EX | 63A3/4 | 64P3/4 | 65W3 | 86M0 | 86P0 | |
| 11X3/4 | 12X3/4 | 13B3/4 | 13D3/4 | 13M3/4 | 13S3/4 | | | | | | | | | | | | | | | | | | | | | |
| 14NX | 16GX | 21AX | 21MX | 21RX | 32EX | | | | | | | | | | | | | | | | | | | | | |
| 33SX | 38F3/4 | 61B1/3 | 61C1/3 | 61D1/3 | 62EX | | | | | | | | | | | | | | | | | | | | | |
| 63A3/4 | 64P3/4 | 65W3 | 86M0 | 86P0 | | | | | | | | | | | | | | | | | | | | | | |

| Prefix | Title | Explanation |
|--------|-------------------------------------|---|
| Z | Radio Frequency Spectrum Management | <p>Prefix Z identifies positions on manning documents and officers serving in, or qualified to serve in, positions requiring radio-frequency management qualifications.</p> <p>Affix to the Duty AFSC (entry or qualified) upon assignment of officers to these positions, and retain only so long as they are incumbents.</p> <p>Award and affix to the awarded AFSC (primary, second, or third) in which radio frequency management training has been received. Retain the prefix so long as the officer remains qualified.</p> <p>Officers must possess the following prerequisites for the award of this prefix:</p> <ol style="list-style-type: none"> 1. An entry or qualified AFSC. 2. Successful completion of formal training in radio frequency spectrum management or a minimum of 24 months of experience in a frequency management position. 3. Certification by immediate supervisor that the officer possesses frequency spectrum management qualifications. <p>Use only with the following awarded AFSCs:</p> <p>33S3/4 33S3A</p> |

Section II

AFSCs/Identifiers

OPERATIONS CAREER AREA (1XXX)

Introduction (Changed 31 Oct 08)

★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, Navigator, Astronaut, Command and Control, Space and Missile, Intelligence, Weather, and Operations Support. Use AFSC 10C0 to identify Operations Group Commanders. Use prefix C with pilot, navigator, and air battle manager AFSCs 11X3, 12X3, 13B3B, and 13B3K to identify commanders of squadrons with flying missions. Use prefix C with AFSCs 13A3, 13B3C, 13B3D, 13D3, 13M3, 13S3, 14N3, 15N3, and 16X3 to identify commanders of appropriate units.

Use the pilot, navigator, or air battle manager 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, navigators and air battle managers in operational units. Commensurate with grade and experience, duties as squadron commander, squadron operations officer, and instructor pilot or navigator 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 Top Secret material or similar environment. For award and retention of AFSC 10C0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

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:

- B - Squadron Operations/Maintenance Officer.
- C - Commander.
- F - Aircraft Systems Flight Evaluation.
- G - Automated Systems Program Designer.
- H - Military Consultant to the Surgeon General.
- K - Instructor for weapon system designated by AFSC.
- L - Life Support.
- M - Medical Service Specialist (Physiological Training Instructor).
- Q - Standardization or Flight Examiner for weapon system designated by AFSC.
- S - Safety.
- T - Formal Training Instructor.
- V - Automated Functional Applications Analyst.
- W - Weapons and Tactics Instructor.
- Y - Analytical Studies Officer.

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). 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 08)

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 Top Secret material or similar environment. For award and retention of AFSCs 11BXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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 31 Oct 08)**

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.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Airlift/Tanker/Bomber |
| B..... | Fighter |
| C..... | Helicopter/VSTOL |
| Q..... | Mission Support (T-38, etc.) |
| Y..... | General |
| Z..... | Other |

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

FIGHTER PILOT
(Changed 30Apr 09)

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 Top Secret material or similar environment (except Q Suffix). For award and retention of AFSCs 11FXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*. (Desirable for Q Suffix).
- NOTE:** Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| B..... | A-10 |
| F..... | F-15 |
| G..... | F-15E |
| H..... | F-16 |
| J..... | F-22 |
| M..... | F-117 |
| N..... | F-35 |
| Q..... | IFF (AT-38/T-38C) |
| U..... | Air Liaison Officer (ALO) |
| Y..... | General |
| Z..... | Other |

11G4, Staff AFSC
Qualified AFSC 11G3

GENERALIST PILOT

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:

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 11GX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

NOTE 1: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

NOTE 2: These AFSCs are 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

HELICOPTER PILOT
(Changed 31 Jan 10)

1. Specialty Summary. Pilots helicopter 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)/Helicopter.
 - 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:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| C | UH-1N |
| E | HH-60 |
| F | CSAR-X |
| G | CVLSP |
| T | SUPT-H Instructor (UH-1/TH-67/TH-1N) |
| 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 Oct 08)

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:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | T-1 |
| C | T-37 |
| D | T-38 |
| F | T-6 |
| G | T-34 |
| H | T-44/TC-12 |
| 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 09)**

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.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | C-5 |
| B..... | C-130E/H |
| C..... | C-130J |
| D..... | C-27J (JCA) |
| E..... | VC-25 |
| F..... | KC-135 |
| G..... | KC-10 |
| H..... | C-9 |
| J..... | C-12 |
| K..... | C-17 |
| L..... | C-20/C-37 |
| M..... | C-21 |
| N..... | C-26 |
| P..... | C-32 |
| Q..... | C-40 |
| R..... | KC-45 (KC-X) |
| S..... | Airlift, General |

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| T..... | Tanker, General |
| U..... | Air Liaison Officer (ALO) |
| V..... | Inter-Theater Airlift, General |
| W..... | Intra-Theater Airlift, General |
| Y..... | General |
| 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 10)

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 Top Secret material or similar environment. For award and retention of AFSCs 11RXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE 1: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

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

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | E-3 |
| B | E-4 |
| C | EC-130 |
| D | HC-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 |
| P | HC-130 J |
| 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 09)**

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 Top Secret material or similar environment. For award and retention of AFSCs 11SXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | MH-53 |
| C | AC-130H |
| D | AC-130U |
| E | MC-130P |
| F | MC-130E |
| G | MC-130H |
| J | CV-22 |
| M | Air Commando (CAA, NSAv, DM) |
| N | MC-130W |
| P | MC-130J |
| U | Air Liaison Officer (ALO) |
| Y | General |
| Z | Other |

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

UNMANNED AIRCRAFT SYSTEMS (UAS)
(Changed 31 Jan 09)

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, qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards*.
 - 3.5.2. For award of AFSC 11U3X, certification of aircraft commander qualification by appropriate operations authority.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | MQ-1 |
| B | MQ-9 |
| C | RQ-4 |
| 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:

- B - Squadron Operations/Maintenance Officer.
- C - Commander.
- F - Aircraft Systems Flight Evaluation.
- G - Automated Systems Program Designer.
- H - Military Consultant to the Surgeon General.
- K - Instructor for weapon system designated by AFSC.
- L - Life Support.
- M - Medical Service Specialist (Physiological Training Instructor).
- Q - Standardization or Flight Examiner for Weapon system designated by AFSC.
- S - Safety.
- T - Formal Training Instructor.
- V - Automated Functional Applications Analyst.
- W - Weapons and Tactics Instructor.
- Y - Analytical Studies Officer.

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). Award individuals possessing a qualified AFSC (12X3) 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 Service*, 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 Jan 10)

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 12B3X, completion of transition and operational training in the suffix specific aircraft.
 - 3.3.3. For award of AFSC 12B3A/D/S/W, completion of an EWO course or Undergraduate CSO Training.
- 3.4. Experience. For upgrade to AFSCs 12B3X, 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 Top Secret material or similar environment. For award and retention of AFSCs 12BXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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 31 Jan 10)**

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.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Airlift/Tanker/Bomber |
| B..... | Fighter |
| W..... | EWO, General |
| Y..... | General |
| Z..... | Other |

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

**★FIGHTER COMBAT SYSTEMS OFFICER
 (Changed 31 Jan 10)**

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 Top Secret material or similar environment. For award and retention of AFSCs 12FXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.
- NOTE:** Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| F..... | F-15E WSO |
| G..... | F-15E EWO |
| U..... | Air Liaison Officer (ALO) |
| V..... | EA-6B |
| W..... | EWO, General |
| Y..... | General |
| Z..... | Other |

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

**★GENERALIST COMBAT SYSTEMS OFFICER
(Changed 31 Jan 10)**

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. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 12GXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

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 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:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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 31 Jan 10)**

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:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| B | C-130E/H |
| E | VC-25 |
| F | KC-135 |
| S | Airlift, General |
| T | Tanker, General |
| U | Air Liaison Officer (ALO) |
| 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
 (Proposed Change for 31 Jan 10)**

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 Top Secret material or similar environment. For award and retention of AFSCs 12RXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE 1: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

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

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | E-3 |
| B..... | E-4 |
| C..... | EC-130 EWO |
| D..... | EC-130 |
| E..... | HC-130 |
| F..... | WC-130 |
| H..... | RC-135 EWO |

J..... RC-135
K..... WC/OC-135
L..... E-8
M..... EC-130J WSO
N..... RC-26B
P..... HC-130J
W..... EWO, General
Y..... General
Z..... Other

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

**★SPECIAL OPERATIONS COMBAT SYSTEMS OFFICER
 (Changed 31 Jan 10)**

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/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 Top Secret material or similar environment. For award and retention of AFSCs 12SXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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..... | MC-130W |
| P..... | MC-130J |
| U..... | Air Liaison Officer (ALO) |

W..... EWO, General
Y..... General
Z..... Other

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

**UNMANNED AIRCRAFT SYSTEMS (UAS)
 (Changed 31 Jan 10)**

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. 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 entry into this specialty, must hold an FAA pilot certificate with rating as specified in the course entry requirements detailed in the USAF Formal Course Catalog and ROA course syllabus.
 - 3.3.3. For award of AFSC 12U3X, completion of transition and operational training in the suffix specific aircraft.
- 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, qualification for air vehicle operator duty according to AFI 48-123, *Medical Examinations and Standards*.
 - 3.5.2. For award of AFSC 12U3X, certification of aircraft commander qualification by appropriate operations authority.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | MQ-1 |
| B..... | MQ-9 |
| C..... | RQ-4 |
| U..... | Air Liaison Officer (ALO) |
| Y..... | General |
| Z..... | Other |

**SPACE, MISSILE, and COMMAND and CONTROL (C2)
UTILIZATION FIELD (13XX)**

**Introduction
(Changed 31 Oct 08)**

★The Space, Missile, and C2 Utilization Field encompasses the major areas of astronauts, space and missile operations, air battle management, airfield operations, combat control, command posts, and airfield operations management.

The Astronaut specialty (AFSC 13AX) includes commanding space shuttle missions, piloting a space shuttle, mission specialists, accomplishing on-orbit duties, operating Department of Defense payloads, and providing manned space flight consultation.

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

The Command and Control Operations specialties (AFSCs 13BX, 13DX, 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.

Identify air battle managers with 13BX specialties appropriate to the type of missions and weapons system involved. Use the following prefixes to identify additional rated qualifications and experience, and unit manpower document positions that require these capabilities:

- B-Squadron Operations Officer.
- C-Commander.
- K-Instructor for weapons system designated by AFSC.
- Q-Standardization or Flight Examiner for weapons system designated by AFSC.
- S-Safety.
- T-Formal Training Instructor.
- W-Weapons and Tactics Instructor.

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

Identify requirements for staff officers above wing level with a staff AFSC (13B4). Award individuals possessing a qualified AFSC (13B3) or a staff AFSC (13B4) upon assignment to a position so identified.

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.

Control and Recovery (13DX) responsibilities include mission planning and managing day-to-day operations of personnel recovery (PR) activities and special tactics teams (STT) deploying to provide air traffic control support to airlift and transitory flight operations on assault zones within airhead areas. STTs initiate and issue clearances and instructions for air traffic separation, and ensure safe, orderly, and expeditious air traffic flow in and around assault zones.

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.

AFSCs 13X3/3X, and prefix C, will be used to identify individual unit commander authorizations and personnel below Group level.

AFSC 13A3*, Qualified
AFSC 13A1*, Entry

ASTRONAUT

1. Specialty Summary. Commands space shuttle missions. Pilots space shuttle. Accomplishes on-orbit duties. Operates DoD payloads. Provides manned space flight consultation to DoD activities and other government agencies. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:

- 2.1. Commands space shuttle 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 space shuttle. Operates all shuttle vehicle systems through ascent, on-orbit, reentry, and landing phases of flight. Maneuvers shuttle vehicle to establish mission attitudes or orbital parameters.
- 2.3. Operates shuttle systems. Serves as integral part of onboard flight operations during ascent, on-orbit, and entry flight phases. Operates and reconfigures orbiter systems during flight phases. Maintains detailed understanding of orbiter systems including nominal and malfunction procedures, and a complete understanding of the impact to mission accomplishment. Communicates with mission control center to exchange direction and information.
- 2.4. Operates shuttle payloads. Operates payloads carried aboard shuttle vehicle. Operates remote manipulator system to deploy payloads. Monitors payload shuttle interface. Performs extra-vehicular activity to accomplish repair, refurbishment, or inspection of satellites on orbit in payload bay.
- 2.5. Provides space flight consultation. Assists in formulating operational policies for space shuttle 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 flight crew coordination.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of space shuttle vehicle flight operation, space shuttle systems operation, lifting body aerodynamics, solid and liquid rocket performance, crew support systems, space navigation, orbital mechanics, computer programs, extra-vehicular activity, 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. Not used.
- 3.4. Experience. For award of AFSC 13A3X, the following experience is mandatory (individual's unit commander determines proficiency):
 - 3.4.1. Minimum of 1 year experience in space transport systems after completing astronaut candidate training. Six months of experience must be directly flight related.
 - 3.4.2. Proficiency in operating space shuttle vehicle.
 - 3.4.3. Proficiency with in-flight procedures, mission rules, space shuttle maneuvers, crew support systems, and communications.
 - 3.4.4. Proficiency as an aircrew member in high performance fixed-wing aircraft.
- 3.5. Other. Not used.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Pilot |
| B..... | Mission Specialist |

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

**AIR BATTLE MANAGER
 (Changed 31 Oct 08)**

1. Specialty Summary. Performs duties of air weapons officer (AWO), air surveillance officer (ASO), sensor management officer (SMO), electronic combat officer (ECO), senior director (SD), mission crew commander (MCC) 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 battle management command and control (BMC2) systems are preflighted, inspected, loaded, equipped and manned for mission.
- 2.2. Controls assigned joint weapons systems (kinetic/non-kinetic, air/space/ground/cyber), forces, functions, and effects. Commands crew, operates available sensors/BMC2 systems. Performs, supervises, coordinates, or directs joint fires, force accountability, dynamic package development, real-time dynamic targeting, tactical data link management/execution and airspace control. Conducts theater air, ground, and surface surveillance and detects and validates emerging targets, accomplishes, combat identification, applies rules of engagement, provides threat warning to joint forces and integrates joint/coalition C2 and ISR capabilities.
- 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 Examination 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 Top Secret material or similar environment. For award and retention of AFSCs 13BXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.
- NOTE:** Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.
- 3.5.4. For award of 13B1U, prior qualification as a 13B3B/K.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| B..... | AWACS |
| C..... | Air Defense |
| D..... | Mobile Air Control |
| K..... | JSTARS |
| U..... | Air Liaison Officer (ALO) |

Suffix

Portion of AFS to Which Related

Y..... General
Z..... Other

AFSC 13D4*, Staff
 AFSC 13D3*, Qualified
 AFSC 13D1*, Entry

CONTROL AND RECOVERY
(Changed 31 Oct 07)

1. Specialty Summary. Provides assault zone reconnaissance and assessments, terminal control, and personnel recovery (PR). Manages day-to-day operations of PR activities to coordinate PR system and organize, train and equip assigned personnel to conduct rescue and recovery operations; manages survival, evasion, resistance, and escape (SERE) programs; and surveys, establishes, and controls the aerospace surface interface in objective areas. Deploys as team member, team leader or mission commander as a direct combatant or to command and battle staffs to provide subject matter expertise to plan for and manage command and control for special reconnaissance, terminal control and PR operations. Related DoD Occupational Group: 220500.

2. Duties and Responsibilities:

2.1. Plans missions and manages PR, SERE, and control of the aerospace interface in objective areas. Supports joint and combined forces engaged in conventional and special operations air, ground, and maritime military operations. Advises on readiness of forces based on force status reports, inspections, training exercise and evaluation results. Coordinates, plans, and conducts PR missions, emergency trauma care, movement and medical evaluation of personnel.

2.2. Ensures PR activities are organized, and teams and units are trained and equipped to perform the full spectrum of Air Force and joint PR. Inspects and evaluates PR activities, functions, and personnel.

2.3. Coordinates, plans and conducts reconnaissance, surveillance and terminal control. Conducts reconnaissance, surveillance, survey or assessments of potential objective airfields and assault zones.

2.4. Provides air traffic control (ATC) services for expeditionary airfields and assault zones. Ensures safe, orderly, and expeditious air traffic flow in and around the terminal area. Provides terminal attack control (TAC) for Air Force, joint and coalition strike and bomber aircraft. Establishes command and control communications. Provides limited weather observations. Gathers and reports intelligence information. Removes obstacles or unexploded ordnance with demolitions, and provides and enables operational interface between aerospace assets and surface forces.

2.5. Ensures special tactics (ST) teams are organized, trained, and equipped to perform reconnaissance terminal control.

3. Specialty Qualifications:

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

3.1.1. 13D3X. Maps and charts; command and control principles and procedures; combat search and rescue principles and procedures; flight characteristics of aircraft; communications, signaling devices, and tactical communications procedures; personal protection and sustenance; rough terrain movement and mountain or adverse terrain recoveries and technical rescue, survival techniques; small unit tactics and field leadership; evasion. Employment methods to include fast rope, rope ladder, hoist, and rappelling; overland movement; amphibious operations to include scuba infiltration; and parachuting operations to include static-line and military free-fall parachuting procedures.

★3.1.2. 13D3A. Personnel recovery expert; strategic, operational and tactical PR planning to report, locate, support, recover and reintegrate isolated personnel; PR principles; tactics, techniques, and procedures for rescue and recovery operations to include, surface movement, scuba, and assisted recovery mechanisms; SERE programs to include emergency parachuting, post egress procedures, life support equipment, land navigation, evasion and assisted evasion, global environments, resistance to exploitation, prisoner of war communications, escape from captivity, physiology and psychology of survival.

3.1.3. 13D3B. ATC principles, procedures, and regulations; navigational aids and systems; International Civil Aviation Organization and Federal Aviation Administration regulations, airfield management and base operations, AOF management and administration and AOF and AEF contingency operations; air, ground, and naval weapon systems; meteorology; demolition to clear obstructions and hazards; terminal attack control operations; Foreign Internal Defense operations; counterterrorism operations; and special reconnaissance missions.

3.2. Education. For entry into this specialty, undergraduate academic specialization in a technical discipline with courses in administration and management is desirable.

★3.3. Training. Completion of the following training courses is mandatory for award of the AFSC indicated:

3.3.1. 13D3X (courses common to both suffixes):

- 3.3.1.1. Combat Diver Qualification.
- 3.3.1.2. Airborne (Static-Line Parachutist).
- 3.3.1.3. Military Free-fall Parachutist.
- 3.3.1.4. Combat Survival Training, S-V80-A (PDS Code ERR).
- 3.3.1.5. USAF Underwater Egress Training (UET), S-V84-A (PDS Code 69V).

3.3.2. 13D3A:

- 3.3.2.1. CRO/Pararescue Preparatory Course L3OQR13D1A-001(PDS Code P56).
- 3.3.2.2. CRO/Pararescue Indoctrination Course (Officer) L3OQR13D1A 000 (PDS Code PJO).
- 3.3.2.3. Water Survival, Parachuting, S-V86-A (PDS Code V8D).
- 3.3.2.4. AOC FTU/AOCIQTPR Course (PDS Code 7GS).
- 3.3.2.5. Combat Rescue Officer Course, L3OBP13D1A-000 (PDS Code ROC).
- 3.3.2.6. Personnel Recovery 102. **NOTE:** CBT provided by Joint Personnel Recovery Agency (JPRA).
- 3.3.2.7. Combat Rescue Officer Advanced SERE Training (CTS Exercise), S-V94-C (PDS Code SVO).

3.3.3. 13D3B:

- 3.3.3.1. STO/Combat Control Preparatory Course.
- 3.3.3.2. Combat Control School.
- 3.3.3.3. Airfield Operations Officer School.
- 3.3.3.4. Special Tactics Advance Skills Training Program (includes Combat Diver Qualifications, Military Free-fall Parachutist, and Personnel Recovery 101).

3.4. Experience. The following experience, excluding the training identified in paragraph 3.3, is mandatory for award of the AFSC indicated:

- 3.4.1. 13D3A. Unit commander determines proficiency based on performance and experience.
- 3.4.2. 13D3B. A minimum of 12 months of experience in special tactics assignments and certification as a combat controller.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into AFSC 13D1X, physical qualification for marine diving and parachutist duty according to AFI 48-123, *Medical Examinations and Standards*.

3.5.2. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 13DXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

3.5.3. For entry into 13D1A:

- 3.5.3.1. Physical qualification for aircrew duty according to AFI 48-123.
- 3.5.3.2. Successful completion of lead command Phase I/II selection program IAW ACC Sup 16-1202, Volume 2, *Pararescue and Combat Rescue Officer Evaluation*.

3.5.4. For entry into AFSC 13D1A, successful completion of lead command Phase I/II selection program IAW ACC SUP 16-1202 Volume 2, *Pararescue & Combat Rescue Officer Evaluations*.

3.5.5. For entry into 13D1B, physical qualification for ATC duty according to AFI 48-123.

3.5.6. For award and retention of 13D3X, qualification as a parachutist and scuba diver.

3.5.7. For award and retention of 13D3A, maintain combat ready status as prescribed in AFI 16-1203, Volume I, *Pararescue & Combat Rescue Officer Training*.

3.5.8. For award and retention of 13D3B:

3.5.8.1. Must maintain combat ready status as prescribed by AFI 13-219, *Special Tactics Operator Standards and Evaluation Program*.

3.5.8.2. Must maintain physical fitness and water confidence standards IAW AFI 13-219, *Special Tactics Operator Standards and Evaluation Program*, and AFSOCI 36-2204, *Special Tactics Operator Training*, throughout the training pipeline.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Combat Rescue |
| B..... | Special Tactics |

AFSC 13L4, Staff
 AFSC 13L3*, Qualified
 AFSC 13L1, Entry

★Air Liaison Officer
(Established 30 Apr 09; MilPDS update 1 Aug 09)

1. Specialty Summary. Provides command and control and execution of air and space power in direct support of ground forces. Leads and manages day-to-day Tactical Air Control Party (TACP) and Air Support Operations Center (ASOC) operations and personnel. Provides direct support to Army combat maneuver units from Battalion through Corps, or as required, as part of a coalition, joint, or interagency force to provide subject matter expertise to plan and manage command and control and terminal execution of air, space, and cyber operations. Engages enemy forces utilizing advanced technologies and weapon systems to direct lethal and non-lethal fires and effects in close proximity to friendly forces as Joint Terminal Attack Controller (JTAC).

2. Duties and Responsibilities:

- 2.1. Plans, organizes, and supervises TACP and ASOC operations.
- 2.2. Advises ground commanders on all aspects of air, space, and cyberspace power and integration into the ground scheme of maneuver.
- 2.3. Plans, processes, requests and conducts infiltration, surface movement, and exfiltration functions with ground maneuver forces that include air, space and cyber resources. Performs small unit tactics, mounted and dismounted navigation, and operates tactical combat vehicles in austere field conditions and environments.
- 2.4. Plans, coordinates, and conducts joint fires to include close air support (CAS), air interdiction (AI), intelligence, surveillance and reconnaissance (ISR), electronic warfare (EW), suppression/destruction of enemy air defenses (SEAD/DEAD).
- 2.5. Provides command and control and deconfliction of air and space assets directly supporting Army combat maneuver units.
- 2.6. Engages enemy forces utilizing advanced technologies and weapon systems to direct lethal and non-lethal fires and effects in close proximity to friendly forces. Employs visual and electronic marking equipment to direct airborne assets to desired targets or area of interest. Issues weapons release clearance during terminal attack control operations.

3. Specialty Qualifications:

- 3.1. Knowledge. The following knowledge is mandatory for award of the AFSC indicated:
 - 3.1.1. 13L3/A/J. Joint Doctrine; Theater Air-Ground System; Theater Air Control System/Army Air-Ground System; utilization of Joint planning products (to include: ATO, ACO, SPINS, ROE) to support air, space, and cyber operations; CAS tactics, techniques, and procedures (TTPs); military decision making process; joint fires integration; theater air, space, and cyber operations to include: weapons systems and munitions characteristics, capabilities and effects; aircraft employment; radio/digital communications systems and employment. Air and Space ISR, EW, and SEAD/DEAD capabilities; targeting systems; personnel recovery; cyberspace operations. Combat field skills to include tactical communications; tactical data link systems; computer procedures and equipment; antenna theory; map reading, global positioning equipment, navigation techniques, military symbology; small unit tactics; close quarter combat; signaling and marking; individual and crew-served weapons employment; battlefield lifesaving procedures; chemical warfare defense equipment. Applies knowledge of operational risk management; Joint, Air Force and Army manuals, instructions, technical orders, and regulations; physical readiness; ASOC and TACP vehicle and support equipment operations, management, and operator maintenance; Air Force and Army supply and mobility procedures; Air Force and Army organization, command and unit staff functions, and taskings.
 - 3.1.2. 13L3A. Weapons control, airspace and data link management, senior air director functions, or C2 operations support of CAS, AI, EW, ISR, SEAD/DEAD platforms; air control TTPs; radio and data link capabilities; aircraft performance characteristics and armament; radio and telephone procedures and phraseology; operating procedures and relationship among air, ground, and naval forces and effective use of their combined resources; inter-operability, and integration of command, control, communications, computers, and intelligence (C4I) systems.
 - 3.1.3. 13L3J. Terminal attack control operations; in-depth knowledge of air, ground, space, and cyber system capabilities, limitations, and employment TTPs.
- 3.2. Education. For entry into this specialty, undergraduate academic specialization in a technical discipline with courses in administration and management is desirable.
- 3.3. Training. The following training is mandatory for award of the AFSC indicated:
 - 3.3.1. 13L3/A/J:
 - 3.3.1.1. Air Liaison Officer Basic Course (ALOBC).
 - 3.3.1.2. Air Liaison Officer Qualification Course (ALOQC).

- 3.3.1.3. Joint Air Operations Command and Control Course (JAOC2C).
 - 3.3.1.4. US Army Brigade Combat Team (BCT) Fire Support Coordinator (FSCOORD) Course.
 - 3.3.1.5. US Army Joint Fires Observer (JFO) Course.
 - 3.3.1.6. Combat Survival Training, S-V80-A.
 - 3.3.2. 13L3A:
 - 3.3.2.1. Air Support Operations Center Initial Qualification Course (ASOC IQC).
 - 3.3.3. 13L3J:
 - 3.3.3.1. US Air Force Joint Terminal Attack Controller Qualification Course (JTACQC), or suitable substitute (must be JFCOM-accredited and MAJCOM approved).
 - 3.4. Experience. The following experience, excluding the training identified in paragraph 3.3, is mandatory for award of the AFSC indicated:
 - 3.4.1. 13L3. Unit commander determines proficiency based on performance and experience.
 - 3.4.2. 13L3A/J. A minimum of 1 year in a position with operational experience in ALO duties.
 - 3.5. Other. The following are mandatory as indicated:
 - 3.5.1. For entry into AFSC 13L1:
 - 3.5.1.1. Successful completion of the Air Liaison Officer Screening Course (ALOSC).
 - 3.5.2. For award and retention of 13L3/A/J:
 - 3.5.2.1. Specialty requires routine access to Top Secret or similar environment and completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.
 - 3.5.3. For award and retention of 13L3J, maintain combat mission ready status as prescribed in AFI 13-112V1, *Joint Terminal Attack Controller (JTAC) Training Program*.
- NOTE: Award of entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | ASOC |
| J | JTAC |

NOTE: A and J Suffixes will only be awarded to officers who have completed all formal training requirements listed in paragraph 3.3.

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

AIRFIELD OPERATIONS

1. Specialty Summary. Performs and manages airfield operations functions and activities, including air traffic control (ATC), airfield management, and base operations. Manages day-to-day operations of facilities, including radar approach control, ground controlled approach, radar final control, control tower, and base operations. Provides staff supervision and technical assistance. Develops and formulates plans and policies for managing and operating Air Force (AF) airfield operations. Supports civil aviation responsibilities in compliance with Public Law 85-726. Related DoD Occupational Group: 220500.

2. Duties and Responsibilities:

2.1. Develops plans, policies, and procedures for operating AF airfield operations facilities and activities. Analyzes national defense guidance and objectives to create operational policies. Implement policies through development of plans and procedures to execute assigned airfield operations capabilities. Plans, programs, and develops budget inputs to ensure resource availability for operational requirements. Plans and conducts flying and simulated exercises to evaluate and enhance operational readiness. Establishes procedures and monitors implementation of squadron programs, policies, and plans. Develops and implements operational procedures and management agreements with sister services, allied forces, and civil authorities to ensure safe and effective civil and military air traffic and airfield management operations.

2.2. Plans and organizes airfield operations activities. Makes recommendations and takes action on matters that affect the basic content and character of policy statements and regulations on the airfield operations system. Recommends establishment, augmentation, relocation, or discontinuance of airfield operations facilities and navigational aids. Develops agreements between facilities and with other local agencies to define standards of performance. Maintains close liaison with lateral Federal Aviation Administration (FAA) officials to negotiate and coordinate changes affecting airfield operations. Coordinates with FAA and military flight inspection agencies, ATC and landing systems maintenance, flying units, airfield operations facilities, and other affected agencies concerning flight inspection activities.

2.3. Trains, establishes standards, and conducts evaluations. Develops formal schools' curriculums and conducts training for entry level and continuing education courses. Conducts and manages unit training and performance standards to ensure operations personnel have required job skills. Develops, evaluates, and adjusts training plans and programs to meet mission needs. Develops procedures for improving operations. Conducts evaluations to ensure personnel and unit meet operational readiness goals, adhere to operational procedures, and use sound management practices. Coordinates with other agencies to ensure support resources are adequate to accomplish the mission.

2.4. Performs technical functions and activities. Develops airfield operations architecture supporting flight operations. Participates in research, development, test, and evaluation to determine new airfield operations systems capabilities and modifications to existing systems. Assists in writing technical requirements and equipment specifications, and develops criteria to evaluate operational effectiveness. Conducts analysis to determine optimum siting of equipment and facilities. Performs ATC and airfield operations using voice, data communication, and radar systems. Performs airfield inspections and negotiates contracts to ensure optimal airfield and runway status.

2.5. Advises on effective use of airfield operations assets. Provides functional expertise and input for activating, employing, using, or deactivating airfield operations equipment. Provides recommendations to enhance inter-operability between airfield operations facilities and adjacent ATC and aviation support functions to allow increased responsiveness and flexibility for flight operations.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: ATC procedures and techniques; airfield operations planning and programming; aircraft accident and incident reporting and investigation procedures; hazardous air traffic report procedures; national airspace management utilization and planning principles; federal rule-making actions; environmental requirements which apply to airfield operations management; ATC management of mobile assets and unit type code taskings for airfield operations; base operations functions; airfield management functions; principles of meteorology; USAF airfield and airspace criteria; radio interference reporting procedures; flight inspection of navigational aids and airfield operations facilities procedures; International Civil Aviation Organization, FAA, and notice-to-airman procedures; and radar, navigational aids, and communications maintenance structure and responsibilities.

3.2. Education. For entry into this specialty, undergraduate academic specialization in a technical discipline with courses in administration and management is desirable.

3.3. Training. For award of AFSC 13M3, completion of a formal airfield operations officer technical training course, and the Airfield Operations Officer Training Program (AFI 36-2210, *Airfield Operations Officer Training Program*) are mandatory.

3.4. Experience. For award of AFSC 13M3, position certifications according to AFI 13-203, *Air Traffic Control*, are mandatory. A minimum of 3 years of experience as an enlisted AF controller with prior facility ratings in a radar approach control or control tower facility satisfies these upgrade requirements.

3.5. Other. For entry into this specialty, physical qualification for ATC duty according to AFMAN 48-123, *Medical Examinations and Medical Standards* is mandatory.

AFSC 13S4, Staff
 AFSC 13S3*, Qualified
 AFSC 13S2*, Intermediate
 AFSC 13S1*, Entry

SPACE and MISSILE OPERATIONS

1. Specialty Summary. Operates and manages space and missile operations systems. The systems include surveillance, intercontinental ballistic missile (ICBM) launch, spacelift, ballistic space warning, and satellite command and control (C2). Performs associated battle management, command, control, and communications activities to defend and support the United States and allied forces. Serves as space and missile operations advisor. Related DoD Occupational Group: 220700.

2. Duties and Responsibilities:

2.1. Formulates space and missile operations policies. Develops policies and procedures for current and future space and missile 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.

2.2. Coordinates space and missile operations activities. Coordinates with national and international space agencies on ICBM, space, and satellite launching; and 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.

2.3. Plans, organizes, and directs space and missile operations programs. Directs unit space 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 space systems and missile weapon systems training, standardization, and evaluation programs. Inspects space and missile activities and units for compliance with directives and standardized procedures. Conducts nuclear and emergency war order training for combat crew members. Writes nuclear and space annexes to operation plans. Provides guidance on proper use and care of sensitive materials. Conducts space and missile 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 and missile situation data to all users.

2.4. Operates and controls space and missile operations. Performs missile combat crew operations. Maintains readiness to execute, then launches ICBMs, applies current directives for targeting, execution, and positive control of ICBMs. Initiates, advises, and controls space and missile combat crew operations. Controls storage and issue of positive control, authentication materials, and code components. Inserts and verifies launch codes in missile components. Serves as duty controller in space and missile command posts. Performs satellite position predictions, satellite maneuver planning, orbital analysis, and space based object position. Catalogs foreign and domestic space objects, detects continental United States impacting ballistic missile threats, and provides assessment to national military command authorities. Performs spacelift operations, including range control and safety, flight control, and launch processing activities. Performs satellite operations, including launch and early orbit activities, and satellite and payload telemetry analysis and commanding. Controls ground systems networks to support military satellite programs. Oversees contractor personnel in all missions areas.

3. Specialty Qualifications:

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

3.1.1. 13S3X. The following common knowledge is mandatory for award of the qualified AFSC with any suffix: evolution of space and missiles; space and missile organization, policy, and doctrine; requirements, acquisition, and logistics; communication systems and fundamentals; nuclear weapons responsibilities; technical order and Air Force policy directive familiarization; aerospace environment; orbital mechanics; trajectory and reentry concepts; satellite and launch vehicle subsystems; missile combat crew operations; spacelift; satellite C2; space warning and surveillance; foreign missions and systems; space and missile systems applications in a theater environment; targeting; emergency war orders concepts; codes and code handling procedures; security and maintenance interfaces; and safety.

3.1.2. 13S3A. Satellite command and control systems.

3.1.3. 13S3B. Spacecraft systems operation; booster and payload processing; range control and safety applications; and launch processing and solid or liquid rocket performance.

3.1.4. 13S3C. Combat crew procedures, fundamentals of electricity and electronics, principles of aerodynamics, missile guidance systems, power plants, and related components.

- 3.1.5. 13S3D/E. Electronic, infrared, optical sensor operations; orbital analysis; and characteristics, tracking, ballistic missile trajectories, space surveillance, and space warning systems.
 - 3.2. Education. For entry into this specialty, the following education is desirable for the AFSC indicated:
 - 3.2.1. 13S1X. Undergraduate academic specialization in management, business administration, economics, mathematics, science, engineering, computer science, space operations, or liberal arts.
 - 3.2.2. 13S1D/E. Two semesters of calculus and one semester of physics.
 - 3.3. Training. The following training is mandatory for award of AFSC indicated:
 - 3.3.1. 13S3X. Completion of Undergraduate Space and Missile Training prior to entry into suffix specialized training courses.
 - 3.3.2. 13S3A. Completion of a C2 operations course.
 - 3.3.3. 13S3B. Completion of a spacelift operations course.
 - 3.3.4. 13S2C. Completion of the missile combat crew operations course.
 - 3.3.5. 13S3D/E. Completion of a space surveillance and space warning operations course.
 - 3.3.6. 13S4. Completion of an advanced space and missile training course.
 - 3.4. Experience. The following experience is mandatory for award of AFSC indicated:
 - 3.4.1. 13S3A. A minimum of 12 months of experience in satellite C2 units.
 - 3.4.2. 13S3B. A minimum of 12 months of experience in space lift operations units.
 - 3.4.3. 13S2C. Proficiency in organizing directing launch operations, and emergency war order and codes certification.
 - 3.4.4. 13S3C. Qualification in and possession of AFSC 13S2C. Also, a minimum of 12 months of experience as a deputy combat crew commander, and emergency war order and codes certification.
 - 3.4.5. 13S3D/E. A minimum of 12 months of experience in space surveillance or space warning units.
 - 3.5. Other. The following are mandatory for the AFSC indicated:
 - 3.5.1. 13S1X. For entry into this specialty, physical qualification for space operations and missile launch crew duty according to AFMAN 48-123.
 - 3.5.2. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 12SXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.
- NOTE:** Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.
- 3.5.3. 13SXC. For entry and retention of this AFSC, physical requirements also include an adaptability rating for missile duty.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Satellite Command and Control |
| B..... | Spacelift |
| C..... | Missile Combat Crew |
| D..... | Space Surveillance |
| E..... | Space Warning |

NOTE: Intermediate AFSC 13S2 is only authorized for use with suffix C.

INTELLIGENCE UTILIZATION FIELD (14NX)**Introduction
(Changed 30 Apr 06)**

The Intelligence Utilization Field encompasses formulating programs, policy planning, and command or direction of activities involved in comparing United States and foreign overall air potential; intelligence operations and application activities to prevent strategic, tactical, or technological surprise, and to participate in planning or conducting aerospace operations; and responsibility for mapping, charting, and geodetic policy, objectives, requirements, guidance, and oversight as they apply to planning and programming support for military operations. To accomplish these functions, intelligence personnel direct, plan, manage, and conduct activities to collect, analyze, exploit, produce, and disseminate intelligence information, including human, signal, imagery, and measurement and signature intelligence; assess industrial, technological, geographical, and sociological factors; use processed intelligence information to support military operations; prepare intelligence assessments; provide input to national, DoD, and Air Force plans and programs; provide support to air operations, special missions, and weapon system acquisition; provide support to force structure planning and international security assistance plans and programs; perform special security officer functions; 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 information, personnel, and industrial security which are included in the Security Forces utilization field; functions dedicated to research of computer hardware and software, and communications and computer security which are included in the Communications and Information utilization field; operations security that is included in the Operations Support utilization field; and counterintelligence functions which are included in the Special Investigations career group.

Full development as an intelligence officer requires eligibility for access to SCI and Top Secret material. Such access is determined by favorable adjudication of a special background investigation (SBI) and periodic updates of the SBI, according to applicable security and intelligence regulations. This requirement is managed by the Air Force Intelligence Support Agency, Directorate of Security and Communication Management (HQ AFISA/INS) through a security certification program using standards established by Director of Central Intelligence Directive 1/14 and USAFINTEL 201-1, and as specified in AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*. The following is a complete listing of AFSCs for the Intelligence Utilization Field.

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

INTELLIGENCE
(Changed 30 Apr 06)

1. Specialty Summary. Performs and manages intelligence functions and activities to support United States and allied forces. Conducts information operations to include analysis of information vulnerability. Included are intelligence operations and applications activities; collecting, exploiting, producing, and disseminating foreign military threat information; geospatial information and services (GI & S) data application; developing intelligence policies and plans; and human, signals, imagery, and measurement and signature types of intelligence. Provides staff supervision and technical advice. Plans and coordinates use of intelligence resources, programming, and budgeting. Supports force employment planning, execution, and combat assessment. Advises commanders, government officials, and other users of intelligence information essential to military planning and aerospace operations. Related DoD Occupational Group: 230100.

2. Duties and Responsibilities:

2.1. Performs and manages intelligence operations and applications activities. Programs, plans, and evaluates operations and applications resources and activities. Establishes priorities. Conducts and manages collection functions. Oversees collection and exploitation activities of all sources of intelligence information. Manages production, processing, and dissemination of products. Develops, validates, and prioritizes targeting and GI & S activities and procedures. Plans and implements aircrew training. Determines unit requirements and tailors intelligence support to missions, equipment, and employment tactics. Establishes, recommends, and disseminates information and intelligence collection requirements.

2.2. Supports combat operations. Coordinates inputs to intelligence operations plans and orders. Advises commanders on threat systems deployment, employment, tactics and capabilities, vulnerabilities, and force protection issues. Performs and oversees analysis and fusion of collected intelligence, and produces assessments to meet operational requirements. Analyzes data to advise planners of options to accomplish objectives. Helps develop weaponizing methodologies. Evaluates mission accomplishment to determine remaining adversary capability and requirements for retargeting. Coordinates intelligence estimates and analytical activities. Assists in operational employment planning. Recommends weapons allocation and application. Coordinates inputs to intelligence operations plans and orders. Advises commanders on threat systems deployment, employment, tactics and capabilities, and vulnerabilities. Provides intelligence support and assists in planning and execution of information warfare. Exchanges and collects intelligence with other services, agencies, and governments.

2.3. Conducts operations and related activities. Manages and integrates collected intelligence information. Integrates intelligence into information operations. Performs and directs intelligence briefings and debriefings of repatriates, defectors, émigrés, foreign nationals, and United States personnel. Manages collection requirements by validating, prioritizing, and coordinating user requests. Ensures operational needs are met through collection system tasking. Supports weapon system acquisition and force structure planning.

2.4. Develops intelligence policies and plans. 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, including GI & S and human, signal, imagery, and measurement and signature types of intelligence.

2.5. Manages and coordinates intelligence activities. Reports aspects of operations and applications functions and responsibilities. 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.

2.6. Directs intelligence activities. Directs operations and applications activities and organizations, and establishes goals and objectives. Reviews requirements for objectives and relative priorities. Serves as senior intelligence advisor to commander and the Force Protection Working Group (FPWG). Directs preparation of intelligence budget estimates and financial plans. Implements standardization, evaluation, and training programs, and monitors compliance.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: means, methods, sources, and techniques used in intelligence operations, applications functions, and doctrine to include: collection, exploitation, production, and dissemination of foreign military threat information derived from human, signals, imagery, and measurement and signature intelligence; theories, principles, and application of the electromagnetic spectrum and United States and foreign space systems and operating parameters; applications of intelligence information to support military operations; target materials, analysis, and weaponeering; mission planning, force application and combat assessment; force protection; information warfare operations, associated countermeasures, threats, and vulnerabilities; and survival, evasion, resistance, escape, combat search and rescue, and Code of Conduct techniques and procedures. Additionally, knowledge is mandatory of: means, methods, sources, and techniques used in United States and allied military capabilities, organization, operations, and doctrine; intelligence systems and acquisition management; intelligence force management; national intelligence community structure and relationships; intelligence oversight; foreign military capability, limitations, and employment techniques; fusion, analysis, processing, and proper handling of intelligence information; analytical methods, forecasting, and estimating techniques; intelligence information handling systems; national and DoD regulatory guidance for conducting intelligence activities; and management sustaining functions such as intelligence communications and information systems, security, manpower, personnel, and training.

3.2. Education. For entry into this specialty, an undergraduate academic specialization or degree is desirable in physical, earth, computer, social, or information sciences; engineering; mathematics; or foreign area studies.

3.3. Training. For award of AFSC 14N3, completion of the Intelligence Officer Course is mandatory.

3.4. Experience. For award of AFSC 14N3, a minimum of 12 months of experience in intelligence operations functions.

3.5. Other.

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 14NX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret clearance has been granted according to AFI 31-501.

**WEATHER UTILIZATION FIELD (15WX)
(Changed 31 Oct 09)**

Introduction

★The Weather Utilization Field encompasses policy planning, direction, control, evaluation, and coordination of weather services. Included in this field are command, operations, administration, and technical inspection of Air Force and Army units providing weather observing and forecasting services, weather studies, and scientific services relating to the influence of atmospheric and space 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; design of base charts and maps; and participation in the development, testing, and implementation of observing and forecasting systems. Those portions of the Weather career field that support conventional and special operations Army operations are considered Battlefield Airmen (BA) according to AFD 10-35, *Battlefield Airmen*.

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. The following is a complete listing of AFSCs for the Weather Utilization Field.

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

WEATHER
(Changed 31 Oct 09)

★1. Specialty Summary. Commands, manages, and performs weather operations for Air Force and Army activities. Integrates current and forecast atmospheric and space weather conditions into operations and operational planning. Develops, directs, and coordinates meteorological and space weather studies and research. Supports and executes weather operations through leadership and management of weather centers, groups, squadrons, weather flights/detachments. 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. Leads weather units and manages AF weather personnel and resources. Analyzes and evaluates meteorological data and prepares forecast products. Integrates weather analyses and reports with radar and satellite imagery interpretations. Makes mission forecasts. Briefs aircrews and staff personnel on current and forecast weather. Instructs personnel on application of weather to operations, and interpretation and use of meteorological products. Performs global analysis and forecast duties at weather and space centers. Provides weather warnings and advisories for adverse weather to worldwide DoD installations. Provides mission tailored forecasts for special and joint operations. Directs taking, recording, reporting, and plotting of meteorological and space weather observations, analysis of data, preparation of forecasts and other prognostic products and use of meteorological equipment. Makes and directs studies to improve forecasting. Advises commanders and their staffs on capabilities and limitations of weather operations.

2.2. Conducts and directs meteorological, astrophysical, and geophysical studies. Prepares and adapts specialized forecast, climatology, and other weather studies for operational use. Identifies weather sensitivities and shortfalls, and recommends modifications of instruments, equipment, and products to improve weather service to weapon systems and technologies. Prepares publications on observing, analyzing, and forecasting meteorological, solar, astrophysical, and geophysical parameters. Recommends changes in weather services dictated by advances in military weapons, tactics, and doctrine. Provides meteorological consultation for research activities, and directs gathering and preparing of data for specialized weather support activities. Coordinates atmospheric and space research activities with military and civilian agencies. Develop and leverage environmental sensing strategies and capabilities to characterize the four-dimensional battlespace environment and predictive analysis. Incorporate weather effects based on combat 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. Provides technical meteorological services. Prepares and directs weather resources to support operational objectives. Writes directives on operational techniques and procedures to observe, analyze, and forecast atmospheric and space phenomena. Supervises and documents Special Operations Weather Team (SOWT) tactics, techniques and procedures and exploits SOWT capabilities. Directs and prepares studies and reports to evaluate weather support requirements.

2.4. Leads weather teams in support of Air Force, Army, and Joint missions. Serves as staff weather officer to commanders, focal point for all weather sensitivities in and around the battlespace. Leads weather personnel in training, rehearsals, and contingency operations.

★3. Specialty Qualifications:

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

3.1.1. 15W3. Air Force weather observing and forecasting procedures and techniques.

3.1.2. 15W3A. Meteorological or space science research.

3.1.3. 15W3C. Special Operations Weather. In addition to 15W3 knowledge requirements, knowledge of advanced field skills, environmental reconnaissance tactics, techniques and procedures, and leadership of small unit tactical operations in the joint special operations arena.

3.2. Education. The following education is mandatory for entry into the AFSC indicated:

3.2.1. 15W1. Successful completion of the Basic Meteorology Program (BMP) (see note 2) or completion of 24 semester hours of college-level courses in meteorology, including 6 semester hours of dynamic meteorology and six semester hours of weather analysis and forecasting. Also, undergraduate academic specialization in meteorology or atmospheric science is desirable.

- 3.2.2. 15W3A. Completion of 30 semester hours of graduate work with an emphasis in meteorology and space weather science.
- 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 0A1B](#)).
 - 3.3.2. For award of 15W3B, completion of the following courses:
 - 3.3.2.1. Completion of the Weather Officer Course (WOC) ([E3OBR15W1 0A1B](#)).
 - 3.3.2.2. Evasion and Conduct After Capture (ECAC) (S-V88).
 - 3.3.2.3. Battlefield Weather Course (BWC) ([E5OSA15W3 0A1A](#)).
 - 3.3.2.4. Weather Flight/Detachment Officer Course ([E3OCR15W3 0A1B](#)).
 - 3.3.3. For award of AFSC 15W3C, completion of the following courses:
 - 3.3.3.1. Completion of the Weather Officer Course (WOC).
 - 3.3.3.2. Airborne Parachutist Course (L9AQA1XXXX0A1A).
 - 3.3.3.3. Survival, Escape, Resistance, and Evasion (SERE) Training (S-V80-A).
 - 3.3.3.4. Water Survival Course (S-V90-A).
 - 3.3.3.5. Underwater Egress Training (S-V84-A).
 - 3.3.3.6. Special Operations Weather Apprentice Course OR Weather Flight/Detachment Officer Course ([E3OCR15W3 0A1B](#)) and an initial combat field skills course (e.g., Battlefield Weather Course), and the Introduction to Special Operations Course ([SOED-ISOC](#)).
- 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), weather flight/detachment or other weather element.
 - 3.4.2. 15W3A. Qualification and possession of 15W3.
 - 3.4.3. 15W3C. Qualification and possession of 15W3.
- 3.5. Other.
 - 3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 15WXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory (see note 1).
 - 3.5.2. Must speak English distinctly.
 - 3.5.3. Must maintain an Air Force Network License IAW AFI 33-115, Vol 2, *Licensing Network Users and Certifying Network Professionals*.
 - 3.5.4. For award and retention of 15W3C:
 - 3.5.4.1. Males only IAW SECDEF Combat Exclusion Policy.
 - 3.5.4.2. Entry-level qualification requires attaining or exceeding the minimum physical entry standards for entry to Special Operations Weather Apprentice /Combat Control Apprentice Course (L3ABP1C231 0C1B).
 - 3.5.4.3. Physical qualification for parachute duty (Class III Flight Physical) IAW AFI 48-123, Vol 2, *Medical Examinations and Standards*.
 - 3.5.4.4. Normal depth perception.
 - 3.5.4.5. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219, *Special Tactics Operator Standards and Evaluation Program*.
 - 3.5.4.6. Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.
 - 3.5.4.7. Qualification, currency, and proficiency as static line parachutist.
 - 3.5.4.8. Must maintain eligibility to deploy and mobilize worldwide.
 - 3.5.4.9. Qualified to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*; and AFI 36-2226, *Combat Arms Training and Maintenance (CATM)*.

NOTES

- 1: Award of the entry level without a completed SSBI is authorized provided initial SSBI paperwork has been submitted according to AFI 31-501.
- 2: USAFA/AFROTC/OTS cadets may volunteer to attend the BMP if they have met the minimum BMP entry requirements of 6 semester hours of college calculus and 6 semester hours of college calculus-based physics.

4. *Specialty Shredout:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Advanced Weather Activities |
| ★B..... | Battlefield Weather |
| ★C..... | Special Operations Weather |

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

REGIONAL AFFAIRS STRATEGIST (RAS)
(Changed 31 Oct 09)

1. Specialty Summary. Provides regional expertise and professional foreign language competency to build effective relationships with our global partners. This international expertise is key to an ability to sustain coalitions, pursue regional 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 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.

2.2. 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.

2.3. 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.

2.4. Conducts analytical studies based on regional situations and trends, and prepares studies, reports, and surveys on political implications of proposed actions.

2.5. Regional 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 related to a specific region of qualification (see paragraph 4, Specialty Shredouts).

3.2. Education.

3.2.1. For entry into 16F1 (suffixes A-K), undergraduate academic specialization is desirable, focusing on, but not limited to, the political, cultural, sociological, economic, and geographic factors involving significant interaction with host nationals or host nation entities in the foreign countries in which they specialize.

3.2.2. For award of fully qualified AFSC 16F3A, there is no mandatory education requirement.

3.2.3. For award of fully qualified AFSCs 16F3 (suffixes B-K), mandatory master's degree in regional affairs (history, government, political science of the same region in which the officer has language skills). According to DoDI 1315.20, *Management of Department of Defense (DoD) Foreign Area Officer (FAO) Programs*, an officer must possess graduate-level education focusing on, but not limited to, the political, cultural, sociological, economic, and geographic factors involving significant interaction with host nationals or host nation entities in the foreign countries in which they specialize.

3.3. Training.

3.3.1. 16F1X. Officers designated for deliberate RAS development by their development team (DT) will be awarded the entry level RAS AFSC (16F1X) upon completion of their applicable graduate education and foreign language training programs as outlined in AFI 16-109, *International Affairs Specialist Program (IAS)*, para 3.3.

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 B-K); appropriate training is listed in AFI 16-109.

3.4. Experience.

3.4.1. 16F3X. Officers designated for deliberate RAS development by their DT will be awarded the qualified RAS AFSC (16F3X) after successfully completing applicable graduate education and foreign language training programs, a minimum of 12 months experience in a RAS billet, and receiving certification from the IAS Cross Functional Mission Area Manager.

3.4.1.1. For award of AFSC 16F3A, a minimum of 12 months experience is mandatory in an Attaché position.

3.5. Other. The following are mandatory, as indicated:

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 16FXX, member must be able to successfully obtain a Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*. (See Note 1.)

3.5.2. For award of AFSCs 16F1 (suffixes B-K) qualification for foreign area duty according to AFI 16-109.

3.5.3. Prior qualification in any AFSC is mandatory.

3.5.4. Award and retention of fully qualified AFSCs 16F3 (suffixes B-K), requires annual Defense Language Proficiency Test (DLPT) score of no less than of 2/2 (listening/reading) in a foreign language correlating with the appropriate shredout. (See Note 2.)

3.5.5. Officers must have at least 7 years of commissioned active duty service and less than 17 years of Total Active Federal Military Service (TAFMS) before being considered a candidate for selection to the RAS training and education program.

3.5.6. Award of the RAS AFSC (16FXX). Officers will be awarded the RAS AFSC upon completion of associated education, language training, and duty requirements as outlined in DoDI 1315.20. Those officers who are not vectored by their DT, but meet the requirements outlined in DoDI 1315.20, must contact the IAS Cross Functional Mission Area Manager for guidance.

NOTES:

1. Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501, *Personnel Security Program Management*.
2. AFSCs 16FX (suffixes A-K) can only be awarded as a 2nd or 3rd AFSC. Officers will retain their primary AFSC (PAFSC) throughout their career.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | Air Attaché (any geographic region) |
| B | Eurasia |
| C | Latin America |
| D | Northeast Asia |
| E | Southeast Asia |
| F | Middle East/North Africa |
| G | Sub-Saharan Africa |
| H | Europe |
| J | South Asia |
| K | China |
| L | Generalist |

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

AIR FORCE OPERATIONS STAFF OFFICER
(Changed 31 Jan 09)

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 Top Secret material or similar environment. For award and retention of AFSCs 16GX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

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 Control; or 13SX - Space and Missile Operations, 14NX - Intelligence, 21AX - Aircraft Maintenance, or 31PX - Security Police.

3.5.2.2. Prior qualification (XXX3) in AFSC 33SX - Communications and Information, 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 SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

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

POLITICAL-MILITARY AFFAIRS STRATEGIST (PAS)
(Changed 31 Oct 09)

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 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.

2.2. 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.

2.3. 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.

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. Appropriate education is listed in AFI 16-109, *International Affairs Specialist (IAS) Program*. Graduate-level education focusing on, but not limited to, the political, cultural, sociological, economic, and geographic features involving significant interaction with host nationals or host nation entities in the foreign countries of specialization. Advanced academic degree with international affairs focus from programs such as Air Command and Staff College (with completion of the block of studies on political-military/international affairs), the Naval Postgraduate School, or other applicable, in-residence degree granting international programs.

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, will be awarded the entry level PAS AFSC (16P1).

3.4. Experience. For award of AFSC 16P3, mandatory minimum of 12 months experience in a PAS billet and successful completion of an applicable Political-Military oriented IDE program.

3.5. Other. The following are mandatory, as indicated:

3.5.1. Prior qualification in any AFSC is mandatory.

3.5.2. Officer must have at least 10 years of commissioned active duty service and less than 17 years Total Federal Military Service (TAFMS) before being considered a candidate for selection to the PAS training and education 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 Top Secret material or similar environment. For award and retention of AFSCs 16RX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

★NON-RATED OPERATIONS UTILIZATION FIELD (17XX)

Introduction
(Established 30 Apr 09)

The Non-Rated Operations utilization field is currently under development.

LOGISTICS CAREER AREA (2XXX)

Introduction

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

The Logistics Commander directs and monitors logistics programs including supply, transportation, procurement, and maintenance activities; 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**

1. Specialty Summary. Directs and monitors logistics programs including supply, transportation, procurement, and maintenance activities; and serves as senior staff adviser to commanders. 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, undergraduate academic specialization in logistics management, engineering, or business is desirable.

3.3. Training. Not used.

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, or in a staff officer specialty in the Communications-Computer Systems Career Area.

3.4.2. Also, 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.

3.5. Other.

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSC 20C0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

LOGISTICS UTILIZATION FIELD (21XX)

Introduction (Changed 31 Oct 09)

The Logistics utilization field encompasses all functions performed by logistics officers, including aircraft, missile, and spacelift 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 transportation, supply, and logistics plans. 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, and direction of aircraft maintenance, avionics, and munitions activities. Responsibilities include immediate supervisory and technical responsibilities for removing, installing, modifying, calibrating, repairing, and storing of aircraft, avionics, and munitions equipment and components. Equipment and components include aircraft engines, airframes, accessories, instruments, and aerospace ground equipment; aircraft systems and equipment. Responsibilities may also include maintenance and management of nuclear, explosive, toxic, chemical-biological, and incendiary aerospace munitions.

The Munitions and Missile Maintenance specialty (AFSC 21MX) encompasses missile maintenance, production management, quality control, and direction of maintenance activities. Responsibilities include procedures for missile technicians; facility requirements; system hardware designs; technical responsibilities for assembly, installation, checkout, component replacement, modification, repair, testing, inspection, calibration, and systems analysis of equipment; and command, preset, and automatic guidance systems, missile test equipment, and systems components.

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

AIRCRAFT MAINTENANCE
(Changed 1 Aug 09)

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. 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 avionic 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 key 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 into this AFSC, an undergraduate academic degree in management, engineering, industrial management, business management, logistics management, or physical sciences is desirable.

3.3. Training. For award of the 21A3, completion of an AETC in-residence Aircraft Maintenance Officer Course (AMOC) is mandatory.

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 30 Apr 09)

★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 weapons maintenance production, staff activity, and related material programs. Manages missile maintenance activities at launch and missile alert facilities, including maintenance, repair, and inspection of missile flight systems, expendable launch vehicles (ELV), nuclear certified support vehicles and equipment, and associated ground 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. Performs engineering functions for maintenance and operations facilities; 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. Plans and coordinates booster flight profiles. Manages qualifications and validation of ELVs, including engineering proposals, hardware, and software procurement. Certifies launch readiness of flight hardware, associated facilities, and supporting test range resources. Directs DoD and civilian agencies and aerospace contractors throughout launch preparation activities.

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, transport, and funding are integrated to support mission requirements. Develops flight plans and supports ground flight software and hardware configuration. Monitors operation and performance of vehicle activities and flight dynamics. 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.

★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-boasted, 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 logistic 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 SE; evolution of missiles; missile operations including booster and payload processing; 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 into this specialty, an undergraduate academic degree in management, business administration, economics, mathematics, science, engineering, computer science, logistics management, or space operations is desirable.

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 and Nuclear 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 Missile 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 are mandatory.

3.4.2. 21M3I. A minimum of 24 months experience managing ICBM maintenance activities 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 Nuclear Accountability Course is required within 24 months of assignment.

3.5. Other. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 21MXX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Conventional |
| I..... | ICBM |
| N..... | Nuclear |

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

LOGISTICS READINESS
(Changed 31 Oct 09)

★1. Specialty Summary. Integrates the spectrum of the logistics processes within the operational, acquisition, and wholesale environments. The major logistics processes include distribution management, materiel management and contingency operations. Directs and manages distribution management, materiel management, contingency operations, fuels management, aerial port operations, vehicle management, and acquisition/life cycle logistics management. Plans and programs logistics support for wartime requirements. Related DoD Occupational Group: 280100.

★2. Duties and Responsibilities:

2.1. Directs distribution management operations to include managing cargo distribution functions such as receiving, inspecting, tracing, tracking, packaging, and shipping of supplies, equipment and war readiness spares. Responsible for logistics pipeline management and time-sensitive delivery of materiel in support of peace, contingency, and wartime operations. Maintains accountability for supplies and equipment. Responsible for the safe and efficient organic ground transportation of personnel and cargo within and between installations in support of daily and contingency operations. Resolves problems related to storage, safety, and fire hazards. Manages storage space utilization and develops and maintains a 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 which interface with defense total asset visibility systems. Uses in-transit visibility systems. Maintains liaison with US Transportation Command (USTRANSCOM), other services and federal agencies to schedule and coordinate movements of cargo and personnel. 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.

2.2. Directs materiel management operations such as, 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 stock levels; manages asset positioning; inspects, reviews, and evaluates work methods and procedures. Ensures accountability is maintained for supplies, equipment, and War Reserve Materiel (WRM). 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 materiel management activities, including systems design and analysis, determination and computation of requirements, plans for activation and inactivation, facility requirements, equipment allowances, and materiel accounting. Develops working capital fund operating programs and determines operating budget. Provides guidance on handling of readiness materiel stocks, including location, type of storage, protection, security, and quality control.

2.3. Directs contingency operations such as logistics planning, deployment command and control, Logistics Readiness Centers, logistics command and control, Combat Support Center activities, deployment, bed-down, and redeployment activities. Integrates Agile Combat Support planning efforts, conducts readiness assessment of logistics activities, conducts war and contingency planning, base support and expeditionary site planning, WRM management, support agreement management, 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, etc.

2.4. Directs fuels management operations such as environmental compliance, inventory management of ground and aviation fuels. Determines provisions, computes and analyzes current and projected petroleum requirements; computes, establishes, and maintains stock levels, manages fuel receipt from pipelines, trucks, rail cars, and marine vessels. Manages fuel dispensing systems, bulk fuel storage facilities, cryogenics productions and storage, and test and evaluation of fuel samples. Develops, plans and establishes policies and procedures to manage fuels activities, including systems design, plans for activation and inactivation, facility requirements, equipment allowances, and accounting. Interprets fuels directives. Inspects, reviews, and evaluates work methods and procedures. Resolves problems related to storage, fire hazards, and truck fill stand and aircraft refueling areas. Coordinates with commander, staff, and operating units on wartime, contingency and peacetime fuels support. Coordinates with elements of DoD and other governmental organizations to assure support to Air Force units.

2.5. Directs aerial port operations such as management of fixed and mobile air terminals through various sub-processes to include: Fleet Services, Aerial Delivery, Passenger Terminals, Freight, and the Air Terminal Operations. Coordinates

contingency transportation support requirements and capabilities with other agencies using DoD and USAF logistics, transportation and In-Transit Visibility (ITV) systems. Coordinates military and commercial aircraft schedules with appropriate control and operations centers and flight line agencies using current DoD and USAF logistics, transportation and ITV systems. Evaluates movement forecast and flow of personnel and cargo into the most efficient mode of the Defense Transportation System. Collects and analyzes data on air transportation.

2.6. Directs vehicle management operations such as coordination of vehicle and equipment requirements, assignments, 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 abuse and misuse programs. Collects and analyzes data on vehicle operations and maintenance.

2.7. 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 management and fiscal policy for weapon systems.

★3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of the following core competencies: Distribution Management, Materiel Management, and Contingency Operations. A Logistics Readiness Officer must have a well developed knowledge of all three core competencies and a well grounded understanding of the six proficiencies: distribution management, materiel management, fuels management, contingency operations, aerial port operations, and vehicle management.

3.2. Education. For entry into this specialty, undergraduate academic specialization in logistics management, economics, management, business administration, computer science, information management systems, finance, accounting, petroleum engineering, chemical engineering, or industrial management is desirable.

3.3. Training. For award of AFSC 21R3, completion of Logistics Readiness Officer basic course (L3OBR21R1) and at least one core competency is mandatory.

3.4. Experience. For award of AFSC 21R3, the officer must gain 24 months experience in any Logistics Readiness function, with no less than 12 continuous months in one of the following competencies: Materiel Management, Contingency Operations, or Distribution Management.

NOTE: For ARC officers, the MAJCOM A4 may extend the required completion date when the officer cannot gain experience due to the limitations in training availability or opportunities.

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

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; air base defense; military police services; information, personnel, and industrial security; military working dog activities; and combat arms. Security Forces participate in 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, 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
(Change Effective 6 Mar 09)

1. Specialty Summary. Leads, manages, and directs security force (SF) activities. Included are installation, weapon system, and resource security; antiterrorism; law enforcement and investigations; military working dog functions; air base defense; armament and equipment; training pass and registration; information, personnel, industrial security; 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 air base 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. Direct employment and operation of communication 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 on-scene commander function. Oversees and evaluates unit performance.

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. Establishes security classification management programs. Develops orientation and education programs for information security. Develops and manages force protection and antiterrorism programs and training.

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; air base 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; and employment and operator maintenance of assigned weapons.

3.2. Education. For entry into this specialty, undergraduate academic specialization in sociology, criminology, police administration, criminal justice, or a related area is desirable.

★3.3. Training. For award of AFSC 31P3, completion of a basic SF officer course is mandatory.

3.4. Experience. For award of AFSC 31P3, a minimum of 24 months of experience is mandatory in SF officer assignments.

3.5. Other.

3.5.1. For entry into this specialty, prior PRP administrative qualification.

3.5.2. For award and retention of these AFSCs, qualification to bear firearms according to AFI 31-207, *Arming and Use of Force by Air Force Personnel*, is mandatory.

CIVIL ENGINEER UTILIZATION FIELD (32EX)**Introduction**

The Civil Engineer (CE) Career Area provides combat engineering support for deployed Air Force 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, 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, or J will be upgraded in suffix G only.

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

The following is a complete listing of AFSCs for the Civil Engineering Utilization Field.

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

CIVIL ENGINEER
(Changed 1 Aug 09)

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; 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. 32E1A/B/C/E/F/G/H. Undergraduate academic specialization is mandatory in architecture or civil, electrical, environmental, construction, architectural, or mechanical engineering in a school that has at least one program accredited by a nationally recognized body in engineering; or in architecture in a school that is accredited by a nationally recognized body in architecture; or graduation from a service academy with a major in an engineering discipline. For entry into suffixes A, C, E, or F, undergraduate academic specialization in the area specified by the suffix is mandatory. Architects may fill A or G suffixes. (Currently, the national accrediting bodies are the Accreditation Board for Engineering and Technology and the National Architectural Accreditation Board.)

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.

3.2.3. 32E1J. Program completion is desirable of undergraduate academic specialization in environmental engineering. Degree disciplines outlined in 3.2.1 may be substituted.

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

3.3.1. 32E3A/B/C/E/F/G/H/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/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.

3.4.3. 32E3K. Must have previously held AFSC 21A4 or 21A3B, and have served at least 12 months at base level, and been filling an EOD position on 30 April 1994.

3.5. Other. The following are mandatory requirements of 32E3Hs as indicated:

3.5.1. For entry into this specialty (prior to being given a class slot at NAVSCOLEOD):

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.

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 AFSC 32EXH:

3.5.2.1. No record of emotional instability.

3.5.2.2. Normal depth perception as defined in AFI 48-123.

3.5.3. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 32E3H, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the 32E1H level without a completed SSBI is authorized provided an interim Top Secret security clearance has been granted according to AFI 31-501.

4. Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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 |
| J | Environmental Engineer |
| K | Explosive Ordnance Disposal (Non-Engineer) |

COMMUNICATIONS AND INFORMATION UTILIZATION FIELD (33SX)

**Introduction
(Changed 31 Jul 07)**

★The communications and information (C&I) functional area encompasses a broad range of expertise key to successful operations in the air, space, and cyberspace domains. Key competencies include: network systems operations, including information assurance, computer network defense and electronic protection; expeditionary C&I; data links management; spectrum management; information resource management, including chief information officer (CIO) duties; systems engineering and architecture design; telecommunications, space, command and control, and flight-line systems maintenance; and postal operations. C&I officers plan, design, build, manage and maintain communications and information systems architectures; plan and organize C&I acquisition management activities; perform C&I engineering functions; and direct information life-cycle management activities.

★C&I officers are responsible for computerized, satellite, and airborne communications; common user and special-purpose computers and networks; associated software, firmware, and databases; message systems (secure and non-secure); air traffic control, and navigational aids; ground electronic devices and systems; tracking systems for aircraft, satellites, space communications, and guided missiles; electronic weather equipment; and electronic countermeasures devices. C&I services, functions, and activities are provided in fixed, tactical, airborne and mobile configurations. The following is a complete listing of AFSCs for the Communications and Information Utilization Field.

AFSC 33C0

COMMUNICATIONS COMMANDER
(Changed 31 Jul 07)

1. Specialty Summary. Commands Communications Groups. Directs and monitors activities to ensure seamless integration of communications and information support resources for Air Force operations. Related DoD Occupational Group: 240300.

★2. Duties and Responsibilities:

2.1. Commands groups. Directs communications and information functions of subordinate base communications, combat communications, combat communications support, computer systems, air postal, engineering and installation, and air communications squadrons. Implements directives from higher headquarters.

2.2. Coordinates group'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 customers' communications and operations requirements are met, and that unique systems are accredited and operators are certified for secure and reliable operation.

2.3. Monitors communication and information activities. Monitors, and evaluates effectiveness of activities and functions, training programs, readiness of personnel and systems, and operation and adequacy of support activities. Ensures command and control, secure and non-secure voice, data, and messaging systems and services are available. Assures base information protection and information assurance at all times.

★3. Specialty Qualifications:

3.1. Knowledge. For award and retention of this AFSC, knowledge is mandatory of network systems operations, information resources management; communications; command and control; and postal operations.

3.2. Education. For entry into this specialty, a Master's degree in computer systems or data processing; computer science; computer technology; electrical, computer, systems, or software engineering, telecommunications; information resources management; information systems management; or business administration is desired.

3.3. Training. For award of AFSC 33C0, completion of the advanced communications and information officer course is mandatory.

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

3.4.1. Experience in a staff-level position in one or more functional areas within communications and information.

3.4.2. Experience in base-level fixed or tactical communications and information functions.

3.5. Other. The following are mandatory:

3.5.1. For award and retention, must maintain eligibility to deploy and mobilize worldwide.

3.5.2. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSC 33C0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret clearance has been granted according to AFI 31-501.

AFSC 33S4, Staff
 AFSC 33S3*, Qualified
 AFSC 33S1*, Entry

COMMUNICATIONS AND INFORMATION
(Changed 31 Jul 07)

1. Specialty Summary. Supports joint and service communications and information (C&I) requirements to conduct operations across the air, space, and cyberspace domains. Implements and conducts C&I unit operations. Conducts information operations and network operations. Manages communications related plans, acquisitions, architectures, information resources, postal operations, and C&I engineering efforts. Supports force employment planning, execution, and combat assessment. Conducts deployed communications operations. Manages AF spectrum management-related matters, policy, and procedures. Plans, develops, engineers, and maintains C&I architectures and standards. Develops programs to perform Air Force, joint, and allied missions. Related DoD Occupational Group: 240300.

2. Duties and Responsibilities:

2.1. Provides information operations capabilities and delivers the global information grid. Supports commanders and Joint Task Forces (JTF) with command and control communications, computer support, information resources management, postal operations, and air traffic systems maintenance. Operates, administers and controls networks throughout the AF enterprise. Plans, engineers, installs, and maintains capability to collect, process, disseminate, and use information. Assures timeliness, accuracy, reliability, non-reputability, verifiability, and security of information while denying the adversary's ability to do the same. Provides military commanders an integrated and interactive picture of mission areas.

2.2. Conducts strategic planning. Develops and writes Air Force, joint service, and combined C&I plans, programs, and policies. Coordinates plans to ensure coherent planning efforts. Provides input to the planning, programming, and budgeting system. Programs facility, equipment, funding, material, and manpower resources.

2.3. Responsible for systems and communications architectures supporting operational needs. Translates system operational concepts, requirements, architectures, and designs into detailed engineering specifications and criteria. Designs, builds, manages, and maintains distributed networking and computing systems.

2.4. Plans and organizes C&I acquisition life cycle management activities. Manages cost, schedules, performance, and support of procurement programs.

2.5. Directs information life cycle management. Develops and implements policy and standards to manage information throughout its life cycle. Applies data administration concepts for efficient and economical use of accurate, timely, and sharable information. Analyzes mission requirements. Uses business process reengineering methodologies (e.g. process, data, and activity modeling; activity-based costing; and functional economic analysis) to assess capabilities, establish priorities, and formulate plans for C&I processes.

2.6. Performs engineering functions in-garrison and in deployed environments. Develops and engineers architectures for C&I systems. Provides engineering support to develop detailed hardware, software, and firmware design. Coordinates systems matters with research and development, logistics, civil engineering, and other support agencies during definition, procurement, and acceptance of systems facilities and equipment.

2.7. Develops and implements information technology (IT) capital planning investment and control program strategies. Acts as functional consultant for the integration of operational, systems, and technical architectures. Provides and interprets federal, DoD, Air Force, and MAJCOM guidance on procedures, policies, and standards. Supervises information engineering analysts in developing, implementing, and overseeing corporate enterprise architectures.

3. Specialty Qualifications:

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

3.1.1. 33S3. Fundamentals of network systems operations; information resources management; operational systems architecture; telecommunications; command and control; data links; spectrum management; flight-line systems maintenance; postal operations; and techniques of C&I planning, programming, project management, procurement, contracting, operations, and maintenance for Air Force, Joint, and allied operations.

3.1.2. 33S3A. Communications systems and standards, distributed network engineering principles and practices, and software engineering principles and practices; Air Force systems engineering process, including development, test, and engineering policies, procedures, and management practices; communications systems architectures; and detailed hardware, software, and firmware design.

3.2. Education. The following education is required for entry into the AFSC as indicated:

3.2.1. 33S1. Undergraduate academic degrees in at least one of the following disciplines; computer science, cyberspace studies, information systems management, information resources management, mathematics, engineering, physics, or business disciplines with information management, or computer science specialization. Officers not meeting academic degree requirements can have a minimum of 24 credit hours of Information Technology related courses; to include but not limited to courses in telecommunications, computer science, upper-level mathematics (200-level equivalent or higher), engineering, physics, information systems management and information resources management. Graduate academic degrees in the above disciplines will also be considered.

3.2.2. 33S1A. Undergraduate degree in electrical, computer or systems engineering is mandatory.

3.3. Training.

3.3.1. For award of AFSC 33S3, completion of the basic communications and information officer course (BCOT) and completion of Career Field Education and Training Plan are mandatory.

3.3.2. For award of AFSC 33S3A, completion of the basic communications and information officer course (BCOT) and the Communications Officer Engineering Course and completion of Career Field Education and Training Plan are mandatory.

3.4. Experience. For award of AFSC 33S3/S3A, a minimum of 24 months experience in 33S3/S3A assignments is mandatory.

3.5. Other.

3.5.1. For entry, award, and retention of these AFSCs, must maintain eligibility to deploy and mobilize worldwide.

3.5.2. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSCs 33SX/33SXA, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

Note: Award of the entry level without a completed NACLC is authorized provided an interim Secret security clearance has been granted according to AFI 31-501.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | 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

1. Specialty Summary. Administers, manages, and directs Air Force band programs, including procurement and training of band directors and band personnel. Monitors use of bands, including scheduling and performances of band units and sub-units. Related DoD Occupational Group: 271400.

2. Duties and Responsibilities:

2.1. Formulates band policies. Analyzes requirements for Air Force bands. Reviews public laws and directives to determine impact on band programs. Formulates policies bands and band personnel participating in public events, honors, and ceremonies. Monitors use and administration of Air Force bands to meet objectives. Directs budget preparation and justification of funds required to support band programs. Determines requirements and monitors programs to obtain band equipment, supplies, and facilities. Determines band personnel requirements, and develops plans and programs for the training, career development, and assignment of personnel.

2.2. Coordinates band activities. Coordinates with manpower, comptroller, and personnel in planning band activities. Coordinates with public affairs activities to ensure band performances conform to policy requirements. Provides technical information and advice to the commander and staff on capabilities, limitations, and employment of bands and band personnel. Maintains liaison with music associations, publishers, manufacturers, educators, and professional tradesmen and musicians to ensure bands have access to state-of-the-art materials. Coordinates band activities with inter-service and other governmental agencies.

2.3. Monitors and directs band activities. Monitors band programs to ensure compliance with directives and effectiveness of administration. Directs operation of bands in military and civilian performances, including parades, ceremonies, and concerts. Auditions and tests technical qualifications of newly assigned and potential band directors and band personnel. Directs organization and training of band units and sub-units. Monitors personnel management, operational procedures, and technical performance of bands. Establishes and directs equipment maintenance programs.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: musical conducting and rehearsal techniques; principles of music proficiency; testing and evaluating procedures; personnel and administration management; organization, mission, and function of Air Force bands; copyright laws pertaining to music performance; music theory (written and aural); ranges, transpositions, and capabilities of all instruments authorized for Air Force bands; band music repertoire; and publications and directives on training, administration, and operation of Air Force bands.

3.2. Education. For entry into this specialty, undergraduate academic specialization in music, music education, or related field is desirable.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 35B3, a minimum of 9 months of experience is mandatory in band assignments. It is mandatory that experience include performance with a marching and concert band.

3.5. Other. For entry into this specialty, certification by the Office of Public Affairs (SAF/PAC) is mandatory.

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

PUBLIC AFFAIRS

1. Specialty Summary. Plans, budgets for, executes, and evaluates effectiveness of public affairs programs. Trains full-time public affairs specialists and additional duty unit public affairs representatives; and provides public affairs advice, counsel, and support for commanders and senior staff people. Related DoD Occupational Group: 270700.

2. Duties and Responsibilities:

2.1. Analyzes military mission, unit policies, and relationship with population of local communities to determine requirements for communication. Develops working relationship with media representatives. Develops and maintains liaison with representatives of civilian organizations, governmental agencies, Reserve and active duty units, and other publics. Develops plans and operational procedures for communication about aircraft and missile accidents, natural disasters, environmental incidents, and other spot news events concerning Air Force activities. Plans communication programs to ensure military and civilian members are informed about current issues and policies of the local installation, major command, and Headquarters United States Air Force.

2.2. Schedules and assigns personnel to arrange photographic coverage of events in which Air Force personnel participate. Directs program activity of Armed Force Radio and Television Service squadron, detachment, or network to ensure a balanced and suitable program. Directs operation of base newspapers, unit Commander's Calls, base cable TV access channels, speaker programs, base tours, public affairs airlift, and orientation flights. Directs the public affairs aspect of open houses, air shows and instructs personnel in techniques, philosophy, and importance of public affairs activities. Directs preparation of graphic and narrative presentations. Initiates programs to earn community respect and confidence. Supervises operation of Armed Forces Radio and Television networks and individual stations for internal information purposes.

2.3. Coordinates with appropriate agencies prior to contacting and releasing information to representatives of news media on conditions that might result in favorable or unfavorable public reaction, including releases and public statements involving news of national interest. Coordinates with other agencies to ensure Air Force military and civilian personnel are aware of their public affairs obligations to the American people.

2.4. Prepares public affairs annexes to operations plans. Conducts public affairs briefings for military personnel engaged in operations involving direct contact with public and representatives of communications media. Plans, coordinates, and operates activities involving bands, displays, and exhibits for civilian groups. Prepares or supervises preparation of information relative to unit participation in military operations, world events, environmental matters, and national and local affairs, through news releases, special activities, photographs, radio and television programs, and other informational material. Assists representatives of news media in obtaining material about Air Force. Schedules and conducts news interviews and news media conferences. Reviews materials such as speeches, news articles, and radio and television shows for security, invasion of privacy, propriety and suitability, and integration with overall programs and objectives of the Air Force. Determines appropriate topics and modes of presentation for radio and television programs, films and videotapes, and prepares script and scenario outlines.

2.5. Develops plans and formulates policies to ensure public interest, attitudes, and reactions are determined and considered by personnel managing Air Force activities. Plans communication strategies to correct misunderstandings, problems, or friction that may develop.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: organization, mission, and operations of the Air Force; the methods and techniques of disseminating information internally and publicly, including use of newspaper, magazine, radio, television, and photographic media; basic communication theory; communication law; print and broadcast journalism; and basic survey and public opinion research.

3.2. Education. For entry into this specialty, undergraduate academic specialization is desirable in mass or public communication, communicative arts, journalism, public relations, advertising, or one of the behavioral sciences (sociology or social psychology).

3.3. Training. For award of AFSC 35P3, completion of the Defense Information School Public Affairs Officer Course is mandatory.

3.4. Experience. For award of AFSC 35P3, a minimum of 12 months of experience in public affairs assignments is mandatory. Experience must include preparation or directing preparation of news releases; daily working relationships with civilian news media representatives; frequent contact with local government and community leaders; participation in staff planning, programs, or communication and dialogue with Air Force members and civilian employees; public speaking; or military briefings.

3.5. Other. For award and retention of AFSC 35P3, ability to present ideas and facts in written and oral form, clearly and convincingly, is mandatory.

★FORCE SUPPORT OFFICER UTILIZATION FIELD (38XX)

The Force Support Officer Utilization Field provides capabilities for the Air Force mission in the core areas of Manpower, Personnel and Services Programs; leading organization design and development, workforce planning, force management, performance management, program management, force readiness, and Airman and family services.

The Force Support Officer Utilization Field is an expeditionary career field. Personnel in this field establish, train, equip, and maintain in a ready status specialized mobility teams that deploy to support wartime or other contingencies.

This field includes a variety of command opportunities.

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

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

★FORCE SUPPORT
(Established 31 Oct 08)

1. Specialty Summary. Administers and conducts Total Force support operations across the A1 enterprise. Operations include organizational design and development, manpower programming and allocation; workforce planning and requirements; force management to include assignment, classification, and education and training; performance management for both individuals and organizations; program management including finance, budgeting and Airman support; force readiness providing family development, Morale, Welfare and Recreation services, and other force support operations. Related DoD Occupational Group: 271400.

2. Duties and Responsibilities:

- 2.1. Formulate force support 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 capabilities based manpower standards. Manage allocation of military and civilian (APF/NAF) 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. Administer commercial activities programs. Oversee and conduct competitive sourcing studies to include consulting on development of most efficient organization for competitive bid.
- 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. Assess and advise commanders at all levels on the human relations environment. Provide counseling, education, and complaint processing.
- 2.11. Leads and supervises contingency training and operations with an emphasis on specific capabilities and processes focused on 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 fit to fight programs designed to regenerate the human combat weapons system through life sustaining and healthy diversions.
- 2.13. Develop recreational programs to include sports management, tournaments, and special entertainment designed to regenerate our Airmen.
- 2.14. Leads activities, employs military, APF & NAF civilian staffs. Responsibilities include establishing and maintaining sound APF & NAF financial and corporate standards with internal controls. Establish short- and long-range plans to include personnel growth and facility/equipment improvement and/or replacement.
- 2.15. Develop, administer, and monitor Family Development Programs to include youth activities and child development centers 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 is mandatory of force management programs and readiness and mobility operations to include accession, classification, assignment, promotion, force development, separation; wartime planning, deployment, and mobilization/demobilization procedures; requirements determination, organization principles, performance management, resource allocation; training and education methods; human relations; food service, lodging, fitness, and recreation practices,

civilian (APF & NAF) and military personnel policies; APF and NAF financial management principles of accountability, propriety, and stewardship; and business management principles and aspects of the Uniform Code of Military Justice.

3.2. Education 38F1. For entry into this specialty, undergraduate academic specialization in human resource management, business administration, sociology, psychology, public administration, mathematics, industrial engineering, industrial engineering technology, management engineering, systems management, computer science, management, organizational development, behavioral science, operations research, education, hospitality, restaurant and hotel management, recreation, fitness, finance, or accounting is desirable.

3.2.1. Education 38F1A. Undergraduate degree in mathematics, industrial engineering, industrial engineering technology or operations research is mandatory.

3.3. Training. For award of AFSC 38F3, completion of the Force Support Officer Initial Skills Training Course and Officer Field Education is mandatory.

3.4. Experience. For award of AFSC 38F3, a minimum of 24 months of experience is mandatory in a Force Support Assignment.

3.5. Other. Not used.

4. *Specialty Shredouts

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Analyst |
| Q..... | Section Commander |

NOTE: Unit Section Commander Positions and personnel will be identified with the C Prefix along with the Q suffix (C38F1Q/3Q).

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

1. Specialty Summary. Commands Air Force medical centers, units, or activities whose primary mission is to provide medical care and other health services. Serves as chief staff advisor to line commanders. Related DoD Occupational Group: (See suffix explanation).

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 40C0X, 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.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Medical Services (DoD Occ Code: 260900) |
| B..... | Biomedical Sciences (DoD Occ Code: 260812) |
| C..... | Medical (DoD Occ Code: 260105) |
| D..... | Dental (DoD Occ Code: 260301) |
| E..... | Nurse (DoD Occ Code: 260509) |

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 31 Oct 07)

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.

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 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.

★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.

3.2. Education. For entry into this specialty, one of the following is mandatory:

3.2.1. A graduate degree in health care administration, hospital administration, public administration, business administration, business management, information systems management, finance, accounting, statistics, marketing, economics, or other business-related equivalent.

3.2.2. An undergraduate academic major in accounting, business administration, business management, computer science, information systems, economics, finance, health care administration, marketing, public administration, clinical or health systems engineering, operations research, or other business-related equivalent.

3.3. Training. For award of AFSC 41A3, completion of the basic health services administration course is mandatory.

3.4. Experience. For award of AFSC 41A3, officers must have at least 12 months experience in one of the MSC core functions, which are prescribed as 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.

BIOMEDICAL CLINICIAN UTILIZATION FIELD (42XX)
(Change Effective 23 Jul 09)

Introduction

★The Biomedical Clinician Utilization Field encompasses the functions of physical and occupational therapy, clinical psychology and social work, optometry, podiatry, physician assistants, audiology, and speech pathology in support of and serves as an integral part of the medical career area and medical services.

★Duty titles used with biomedical shredouts may include the shredout title, where appropriate; for example, Orthopedic Physician Assistant (42G3A) is a shredout of the Physician Assistant (42G) AFSC.

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

PHYSICAL THERAPIST
(Change Effective 23 Jul 09)

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. Knowledge is mandatory of physical therapy programs and activities, and physical therapy treatments and diagnostic tests.

3.2. Education. For entry into this specialty, completion of a course in physical therapy acceptable to the Surgeon General, HQ USAF, is mandatory. Minimum educational entry is entry-level doctorate (DPT) or transitional (e.g. post-professional) DPT. Exceptions may be made on a case by case basis for exceptionally qualified candidates with a bachelor's or master's degree but who do not have a transitional DPT.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42B3, a minimum of 6 months of experience is mandatory in physical therapy assignments, including planning, managing, and administering physical therapy treatments and activities for those with the entry-level doctorate (DPT) and transitional (e.g. post-professional) DPT. A minimum of 24 months of experience is mandatory in physical therapy assignments, including planning, managing, and administering physical therapy treatments and activities for those with a bachelor's or master's degree.

3.5. Other.

3.5.1. For entry into this specialty a state license to practice physical therapy is mandatory.

3.5.2. For award and retention of AFSC 42B3, a state license to practice physical therapy is mandatory.

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

OPTOMETRIST
(Change Effective 23 Jul 09)

★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, i.e., evaluations, diagnoses and treatment, 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, 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) measurement with interpretation; ocular angiographic (fluorescein and indocyanine green) 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 Operations*. Leads clinical preparation for Health Services Inspection (HSI) and the Joint Commission on Accreditation of Health Care Organizations (JCAHO) inspections.

2.8. Manages and directs occupational vision programs. Plans, supervises, and participates in vision conservation and eye protection programs according to AFI 41-115, *Authorized Health Care and Health Care Benefits in the Military Health Services System (MHSS)* and AFI 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 operational 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, *Aerospace Medicine*.

★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 an accredited four-year college of optometry approved by 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 and management of diseases and disorders of the visual system, the eye and associated structures as well as diagnosis of related systemic conditions. Perform specialty services including contact lenses, low vision and vision training, and co-management of surgical eye cases and ocular complications of systemic illness.

3.5. Other. For award and retention of AFSC 42E3, an unrestricted state license to practice optometry utilizing therapeutic pharmacologic agents is mandatory. Such licensure must be attained within 12 months of entering active duty.

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

PODIATRIST
 (Change Effective 23 Jul 09)

1. Specialty Summary. Provides examination, diagnosis treatment, prevention, and care of conditions and functions of the human foot and related structures. Plans, conducts, and directs research in the area of podiatric medicine. Related DoD Occupational Group: 260809.

★2. Duties and Responsibilities:

2.1. Conducts examinations of the foot to provide basis for diagnosis; administers treatment. Interview patient and records patient's case history to determine previous ailments and complaints. Performs examinations to determine physiological and physical abnormality of the foot. Conducts test and supplements examination by arranging various laboratory test analyses and diagnostic x-rays. Interprets laboratory and x-ray results in evaluating examination findings. Assists with or performs outpatient and inpatient surgical procedures of the foot and related structures and follow up care according to standards outlined in the Joint Commission on Accreditation of Hospitals Accreditation Manual for Hospitals.

2.2. Plans, administers, and records progress of prescribed courses of treatment of the foot and related structures. Accomplishes therapeutic procedures. Refers patient to and consults with other practitioners, as appropriate, for further care, diagnosis, and treatment planning. Instructs patients in prescribed therapeutic procedures. Prescribes medication within the scope of podiatric practice and clinical privileges.

2.3. Instructs and supervises assistants. Prescribes and supervises instruction in use and maintenance of therapeutic devices. Fits and adjusts appliances and advises patient on care of therapeutic or corrective equipment.

2.4. Conducts research in podiatry. 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.

2.5. Participates in special programs. Plans, supervises, and participates in specialized Air Force health programs such as the Exceptional Family Member Program, Aerospace Medical Program, and Occupational Health Program.

★3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of procedures and methods used in examination and treatment of the human foot.

3.2. Education. For entry into this specialty, graduation from a school or college of podiatry acceptable to the Surgeon General, HQ USAF, is mandatory. Additionally, a valid and current license to practice podiatry from a state or U.S. territory or the District of Columbia is mandatory for entry into this specialty.

3.3. Training. Completion of 24 month podiatric residency program is required for active duty accession. Candidate must be board eligible, qualified or certified by an accepted, recognized professional board.

3.4. Experience. For award of AFSC 42F3, a minimum of 6 months of experience in podiatry assignments is mandatory.

3.5. Other. For award and retention of AFSC 42F3, a valid and current license to practice podiatry is mandatory.

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

**PHYSICIAN ASSISTANT
 (Change Effective 23 Jul 09)**

1. Specialty Summary. Performs primary medical care and clinical duties with the direction of a physician. Related DoD Occupational Group: 260811.

2. Duties and Responsibilities:

2.1. Privileged health care providers who use critical judgment to perform comprehensive health assessments, differential diagnosis, and prescribe pharmacologic and non-pharmacologic treatments in direct management of acute and chronic illness, injury or disease. Practice is governed by AFI 44-102, *Medical Care Management*, AFI-44-119, *Clinical Performance Improvement* and as approved by the facility Credentials Review Committee. Obtains and evaluates medical histories, performs physical examinations, performs therapeutic and diagnostic procedures, and orders laboratory studies and radiographic studies as well as other special examinations. Collects specimens for pathologic examination. Analyzes and interprets data, formulates problem lists, and establishes plans for solution of clinical problems. Counsels patients on medical conditions, expected outcomes, family planning, child care, diet, and other therapeutic preventative health maintenance matters. Makes entries in patient's permanent medical records.

2.2. Coordinates patient care. Coordinates patient care with other members of health care team. Initiates consultation requests to other health professionals to provide more comprehensive patient management when indicated.

2.3. Instructs other members of the health care team. Instructs other personnel assigned to health care team on preventive medicine programs and other appropriate medical activities and functions, or as directed by a physician.

★3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: anatomy; physiology; emergency medical treatment; surgical techniques; sterilization and aseptic techniques; medical ethics; prescription and administration of drugs; operation of therapeutic and diagnostic equipment; medical terminology; and specialized medical treatments and procedures.

3.2. Education. For entry into this specialty, graduation from a Physician Assistant training 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. Certification by the National Commission on Certification of Physician Assistants is required.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42G3, officers must be certified by the National Commission on Certification of Physician Assistants and completed a minimum of 6 months of experience in Physician Assistant assignments providing primary medical care.

3.5. Other. For entry into 42GXA/B/C/E, member must be a fully qualified 42G3. A qualified AFSC with a suffix is authorized upon completion of an additional residency or completion of a 12 month fellowship graduate medical education program related to the suffix and approved by the Surgeon General, HQ USAF.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Orthopedics |
| B..... | Otolaryngology |
| C..... | General Surgery |
| E..... | Emergency Medicine |

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

**AUDIOLOGY/SPEECH PATHOLOGIST
 (Change Effective 23 Jul 09)**

1. Specialty Summary. Provides care, treatment, and prevention programs for human ailments in the area of professional practice. Plans, conducts, and directs research in area of professional practice. Related DoD Occupational Group: 260801.

★2. Duties and Responsibilities:

- 2.1. Conducts examinations to diagnose ailments and administer treatment. Interviews patient and reviews patient's case history and clinical records. Performs examinations to determine evidences of physiological or anatomical abnormality. Conducts appropriate diagnostic testing.
- 2.2. Executes responsibility for independent management of complex disorders within the scope of practice. Plans, administers, and records progress of prescribed courses of treatment with limits of area of practice. Accomplishes therapeutic procedures. Refers patient to and consults with physician for further case diagnosis and treatment planning. Provides instructions to patients regarding prescribed therapeutic exercises.
- 2.3. Instructs and supervises assistants. Prescribes and supervises instruction in use and maintenance of therapeutic devices, exercises, or procedures. Fits and adjusts appliances, and advises patient on care of therapeutic or corrective equipment.
- 2.4. Conducts research. Plans and conducts clinical research. Reviews and studies case histories, analyzes data, and participates in investigative programs on new techniques and methodology to improve health and effectiveness of Air Force personnel.
- 2.5. Participates in special programs. Plans, supervises, and participates in specialized Air Force health programs such as hearing conservation program, exceptional family members program, aerospace medical program, and occupational health program.

★3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of one or more areas of specialization within the field of audiology and speech pathology.
- 3.2. Education. For entry into 42NXA (Audiologist), a Doctorate (Au.D.) is the minimum mandatory degree for entry. A valid state license and a valid Certificate of Clinical Competence in Audiology (CCC-A) are required for entry. For entry into 42NXXB (Speech), a Master's degree is the minimum mandatory degree for the suffix identified subspecialty from an accredited institution.
- 3.3. Training. Not used.
- 3.4. Experience. For award of AFSC 42N3X, a minimum of 24 months of experience in suffix identified subspecialty assignments is mandatory. Also, experience must include providing care and treatment for human ailments; or planning, directing, and conducting research in area of professional practice.
- 3.5. Other. For award and retention of AFSC 42N3X, a license to practice in pertinent specialty from a U.S. jurisdiction and certification by appropriate national accreditation body is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Audiologist |
| B..... | Speech |

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

CLINICAL PSYCHOLOGIST
(Change Effective 23 Jul 09)

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 experience is 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, plus a clinical internship acceptable to the Surgeon General, HQ USAF.

3.2.3. 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.

3.2.4. 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.

3.2.5. 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.

3.2.6. 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.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42P3, a minimum of 24 months of experience is mandatory in clinical psychology assignments. Completion of the Air Force Internship Program in clinical psychology may be substituted for 12 months of the experience requirement.

3.5. Other. The following are mandatory as indicated:

3.5.1. For award and retention of AFSC 42P3/P3X, officers must obtain a valid, current, state issued license to practice clinical or counseling psychology in a state or territory of the U.S. or the District of Columbia within 3 years from the date the doctoral degree is awarded or the date the clinical internship is completed (whichever is earlier).

3.5.2. For award of AFSC 42P3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF.

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.
- B..... **Health Psychologist.** Performs and supervises health psychology evaluations, conducts research, and provides education and training in the field of health psychology.
- C..... **Child and 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.
- D..... **Aviation Psychologist.** Performs and supervises aviation psychology evaluations, conducts research, and provides education and training in the field of aviation psychology.

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

CLINICAL SOCIAL WORKER
(Change Effective 23 Jul 09)

★1. **Specialty Summary.** Explores basic personality structure in relationship to developing behavioral patterns, mechanisms, and symptoms. 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. Related DoD Occupational Group: 260806.

★2. **Duties and Responsibilities:**

2.1. Plans, manages, and provides social work services in mental health, substance abuse, Family Advocacy, occupational health, correctional, medical, special needs identification and assessment coordination, and other professional military settings. Uses social case work, therapy techniques, administration, community organization, consultation, teaching, research, planning, coordination, education, and welfare services to assist eligible personnel. Supervises and directs mental health staff to prepare psychosocial histories, diagnostic assessments, and treatment plans, and to provide treatment services within their level of competence. Develops social work staff training programs to ensure uniformly high standards for the social service activities of craftsmen personnel. Assesses and plans for the social and psychological needs of individuals, families, groups, and organizations in the military community.

2.2. Coordinates social service activities and maintains liaison with military and civilian resources. Provides consultation on social aspects of policies, procedures, and services to medical staff, commanders, base agencies, volunteers, major commands, and other installations of assignment. Administers and oversees social service and other mental health programs. Assists in, or develops military community mental health resources and social work programs.

2.3. Conducts research and training. Conducts and participates in research appropriate to professional training and expertise. Develops and maintains an active information program designed to apprise community of their social needs and resources available to assist in addressing problems. 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 degree in social work from an accredited graduate school of social work and entry level state license are mandatory.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42S3, a minimum of 24 months of supervised post-graduate experience in clinical social work assignments is mandatory.

3.5. Other. For award and retention of AFSC 42S3, officers must possess a valid and current 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.

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

OCCUPATIONAL THERAPIST
(Change Effective 23 Jul 09)

★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 program 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 program.

2.2. Executes responsibility for independent management of complex neuromuscular and musculoskeletal disorders 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 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, fabricates and facilitates procurement, fits, instructs and establishes effective use of adaptive equipment and other therapeutic devices. Prescribes limitations in work, sport, 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 patient into a specific creative opportunity, challenging task, work related activity, or competitive outlet. Educates patients and family on therapeutic activities 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. 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. For entry into this specialty, completion of an accredited program in occupational therapy acceptable to the Surgeon General, HQ USAF, is mandatory. Minimum educational entry is bachelor's degree with master's or doctorate preferred.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 42T3, a minimum of 24 months of supervised clinical experience in an occupational therapy assignment is mandatory.

3.5. Other.

3.5.1. For entry into the specialty, a state license or registration to practice occupational therapy is mandatory.

3.5.2. For award and retention of AFSC 42T3, a state license or registration to practice occupational therapy is mandatory.

BIOMEDICAL SPECIALISTS UTILIZATION FIELD (43XX)
(Change Effective 23 Jul 09)

Introduction

★The Biomedical Specialists Utilization Field includes the functions of scientists, engineers, architects, physicists, veterinarians, dietitians, entomologists, pharmacists, public health, and laboratory professionals in support of and serve as an integral part of the Medical Service.

★Duty titles used with biomedical shredouts may include the shredout title, where appropriate; for example, Industrial Hygienist or Environmental Engineer are shredouts of the Bioenvironmental Engineer (43E) AFSC.

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

★AEROSPACE AND OPERATIONAL PHYSIOLOGIST
(Change Effective 23 Jul 09)

★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 (APO). 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. Manage aerospace physiological training units and human performance flights. Specific duties include: instructs personnel in aerospace and operational physiology, human performance and human factors. Plans, conducts, and directs aerospace physiology acquisition, science and technology programs; manages specialized physiology support divisions for high altitude projects; manages life support equipment functions when required; and 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. Manages all functions of USAF aerospace physiological training units or flights. Plans and directs all activities of personnel and programs required to train aircrews and operationally support Airmen in the physiological human factor, and human performance threats, hazards and risk of operational support, battlefield Airmen and flying operations.

2.2. Organizes and prepares instructional materials. Studies objectives and requirements for physiological training. Prepares assignments, demonstrations, group activities, training aids, references, and related material required to supplement course outline.

2.3. Instructs personnel such as trainee flight surgeons, flight nurses, observers, and aircrew in aerospace and operational physiology, human factors and human performance subjects. Instructs trainees in such subjects as physics of atmosphere, physiology of respiration, accelerative forces, physiology of blood and circulation, effects of temperature, physiological effects of altitude, self imposed stresses, aviation human factors, circadian rhythm, night vision, noise and vibration, bailout from high altitudes, and survival. Demonstrates physiological countermeasures used in flying, such as oxygen equipment, acceleration protective (anti-G) aircrew ensembles, ejection seats, survival equipment, pressure suits, physiologic sensors, and protective helmets. Briefs students on safety precautions associated with flying and life support equipment. Indoctrinates aircrews on chemical defense equipment and procedures.

2.4. Coordinates aerospace physiological training programs. Confers 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 manuals. Advises local commanders, operations officers, flying safety officers, and flight surgeons on aerospace physiology and human factor and human performance problems and mitigation strategies. Helps organize and present flying safety programs and meetings. Arranges special evaluation and diagnostic hypobaric chamber "flights."

2.5. Supervises operation of aerospace physiology training devices. Ensures safe operation of such devices as hypobaric chambers, reduced oxygen breathing devices (hypoxia trainers), spatial disorientation trainers, swing landing trainers and night vision goggle trainers. Supervises minor repairs of chambers, disorientation trainers, and night vision trainers. Conducts health screening interviews with trainees before chamber flights to prevent unwarranted chamber reactions because of trainee's physical condition. Supervises and performs necessary measures in managing chamber reaction cases.

2.6. 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.

2.7. Manages specialized units supporting high altitude and performance flying activities. Plans and develops physiological, survival, and life support equipment and training programs required to provide for the safety of aircrews assigned to these programs. Supervises aircrew pre-flight and post flight preparation and conditioning of aircrews, including donning and removing specialized equipment, and removing aircrews from the aircraft.

2.8. Coordinates and manages physiological program actions at Air Staff, MAJCOM and FOA level. May function on staff of the Surgeon General, HQ USAF, or MAJCOM Surgeon as consultant for aerospace physiology activities.

★3. Specialty Qualifications:

3.1. Knowledge. Knowledge of aerospace physiology and closely related subjects is mandatory

3.2. Education. Applicants must have a Bachelor's or Post-Graduate Degree in Physiology or related fields (biomedical engineering, exercise physiology, kinesiology, human systems integration, human factors engineering or other biological sciences). In addition to a well-established background in physiology, completion of courses in the areas of inorganic chemistry, physics, human factors, and statistics is recommended. The following courses also are highly encouraged: biochemistry, organic chemistry, comparative anatomy, and computer science. Post-graduate degree applicants are sought; however, applicants with significant military aviation experience who have completed a Bachelor's Degree in a biological science will be considered. Applicants must have a GPA of 3.0 or higher on a 4.0 scale. Experience as an instructor or teacher is desirable. An interview with a designated senior aerospace physiologist is required. Strong personal endorsements in areas of initiative and team-work are highly desirable. Applicants must be physically qualified for performance of flying duties, in accordance with AFI 48-123, *Medical Examinations and Standards*.

3.3. Training. For award of AFSC 43A1, completion of Air Force Aerospace Physiology Officers Course (B3OBY43A1-001), is mandatory.

3.4. Experience. For award of AFSC 43A3, a minimum of 24 months of experience is mandatory in aerospace physiology assignments.

3.5. Other. For entry, award, and retention of AFSCs 43A1/A3, physical qualification for flying class III according to AFI 48-123.

AFSC 43B4, Staff
 AFSC 43B3, Qualified
 AFSC 43B1, Entry

BIOMEDICAL SCIENTIST
(Changed 31 Oct 05)

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

2. Duties and Responsibilities:

2.1. Formulates biomedical sciences programs. Develops, evaluates, and interprets policies in the biomedical sciences, to include such activities as managing and directing professional programs for technical training, research, clinical practice, therapeutics, and operational support.

2.2. Coordinates biomedical sciences activities. 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 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. Maintains liaison with the Chief, Biomedical Sciences Corps, and the associate chief of each discipline, to coordinate career development programs to achieve maximum effectiveness among all health disciplines within the Biomedical Sciences Corps.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of biomedical sciences programs, including an understanding of all specialties and disciplines within the Biomedical Sciences Corps, and Air Force personnel programs including manpower, personnel utilization, education, and training.

3.2. Education. For entry into this specialty, a degree in an appropriate scientific discipline.

3.3. Training. Not used.

3.4. Experience. Full qualification is mandatory in one or more of the biomedical science specialties in this utilization field. Also, a minimum of 24 months of experience is mandatory in planning and administering biomedical sciences programs for the award of the qualified AFSC.

3.5. Other. For entry into this specialty, qualification in and possession of one or more qualified AFSCs in the Biomedical Clinicians or Specialists utilization fields (42X3 and 43X3).

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

DIETITIAN
(Change Effective 23 Jul 09)

★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 American Dietetic Association (ADA) guidelines.

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 ADA 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 baccalaureate degree from an accredited college or university and completion of a didactic program in dietetics approved by the Commission on Accreditation for Dietetics Education (CADE) of the ADA is required. This must be followed by successful completion of one of the following ADA-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. Entry into the US Military Dietetic Internship Consortium requires completion of a minimum of a baccalaureate degree from an accredited college or university and completion of a didactic program in dietetics approved by CADE.

3.2.2. For award of 43D3 AFSC, a minimum of 24 months of experience in dietetics assignment and registration by the Commission on Dietetic Registration of the ADA are mandatory. Completion of a CADE-accredited supervised Dietetic Internship program may be substituted for duration of equal time (up to 12 months) of the experience requirement.

3.3. Training. Not used.

3.4. Experience. Not used.

3.5. Other. Not used.

AFSC 43E4*, Staff
 AFSC 43E3*, Qualified
 AFSC 43E1*, Entry

BIOENVIRONMENTAL ENGINEER
(Change Effective 23 Jul 09)

★1. **Specialty Summary.** Applies engineering and scientific principles in identifying and evaluating occupational and environmental health (OEH) hazards and recommending controls to support risk management decisions to ensure Force Health Protection. Related DoD Occupational Group: 260803.

★2. **Duties and Responsibilities:**

2.1. Executes and supervises bioenvironmental engineering programs. Applies knowledge of engineering and the sciences to assist commanders in meeting mission objectives at home station and deployed settings. Performs health risk assessments for chemical, biological, radiological, nuclear, 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 occupational and environmental health 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 bioenvironmental engineering activities. Maintains liaison with local, state, and federal agencies on matters involving occupational and environmental health standards and;

2.2. Advises command and staff agencies on effective operational risk management (ORM) decisions and;

2.3. Develops measures to control radiological hazards; monitors staff and medical facilities, to include unrestricted areas to ensure permissible limits of health risk hazards are not exceeded. Coordinates medical physics activities. Serves as Radiation Safety Officer where required; and

2.4. AFSC 43EXG: Serves as Medical Service Radiation Consultant in planning, designing, and constructing facilities for storage, use, and disposal of radioactive material or radiation producing devices. Ensures adherence to prescribed safety standards by inspecting all procedures used to handle, ship, store, use or dispose of radioactive materials. Maintains liaison on health physics matters with representatives of the Radioisotope Committee, Nuclear Regulatory Commission, and other pertinent governmental and civilian agencies.

2.5. AFSC 43EXC/E: Applies knowledge of architecture and engineering to modernize and maintain health care, training, and laboratory facilities. Provides guidance on functional and technical criteria specific to medical design and construction. Programs and plans medical facilities projects, reviews plans, specifications, and other supporting data for their technical, medical, and functional sufficiency.

2.6. AFSC 43EXM: Develops, institutes, and sustains medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services to support patient care. Supports radiology resident training programs. Conducts medical physics activities, research and development on medical physics related topics.

★3. **Specialty Qualifications (Mandatory):**

3.1. Knowledge. (43EXA/B/D/G/M): Knowledge of all bioenvironmental engineering principles for force health protection spanning all operational environments. (43EXC/E): Knowledge of medical construction or architecture principles for medical facility planning, design, and construction. (43EXM): Knowledge of medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services.

3.2. Education. See specialty shredouts.

3.3. Training. For award of AFSC 43E3A/B/D/G/M, completion of the Bioenvironmental Engineering course, B3OBY43E1000.

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

3.4.1. For entry into 43E3B/D/G/M, qualification and possession of AFSC 43E3A.

3.4.2. For award of AFSC 43E3A, a minimum of 24 months experience in bioenvironmental engineering assignments.

3.5. Other. Not used.

★4. ***Specialty Shredouts:**

Suffix

Portion of AFS to Which Related

A.....**General.** Possess a baccalaureate degree or higher in engineering from an institution with that curricular program area accredited at the engineering level by the Accreditation Board for Engineering and Technology (ABET) or

Possess a baccalaureate in engineering, biology, chemistry, or physics from the United States Air Force Academy or,

Possess a Bachelor of Science (BS) degree in biology, chemistry, physics, health physics, industrial hygiene, or other degree approved by the 43E associate chief granted from an ABET or non-ABET accredited program, and satisfy one of the following options prior to being accessed into the Biomedical Sciences Corps:

Prior qualification in and possession of AFSC 4B071 Bioenvironmental Engineering (BEE) Craftsman and have a minimum of 7 years active duty in the BEE career field or

Hold a certification from the American Board of Health Physics (ABHP) or hold a certification from the American Board of Industrial Hygiene (ABIH), or pass the Fundamentals of Engineering (FE) examination, or

Possess a Master of Science (MS) degree in medical physics granted from a program accredited by the Commission on Accreditation of Medical Physics Education Programs (CAMPEP), or

Possess MS degree in medical physics granted from a non-CAMPEP accredited institution, and hold a certification from the American Board of Radiology (ABR) in one of the following three specialties: diagnostic radiologic physics, therapeutic radiologic physics, or medical nuclear physics.

B.....**Industrial Hygiene.** Possess MS in industrial hygiene (industrial health), or certification by the American Board of Industrial Hygiene as an industrial hygienist.

C.....**Medical Construction.** Possess baccalaureate degree or higher in architectural, civil, mechanical, electrical, or structural engineering, from an institution with that program area accredited by ABET at the engineering level, or a baccalaureate or higher in facility construction from an institution accredited by a national professional accreditation board or council.

D.....**Environmental.** Possess MS in environmental engineering or, graduate from Air Force Institute of Technology with a graduate degree in Environmental Engineering and Management Science, be a Professional Engineer qualified in environmental engineering or hold a certification by the American Academy of Environmental Engineers.

E.....**Architecture.** Possess baccalaureate degree in architecture from an institution accredited by the National Architectural Accreditation Board (NAAB).

G.....**Health Physics.** Possess a MS in health physics, radiological physics, radiation biophysics, or other health physics related subjects acceptable to the Surgeon General, HQ USAF, or possess a BS degree in nuclear engineering, or Certification by the American Board of Health Physics.

M.....**Medical Physics.** Possess certification by the American Board of Radiology in one of the following specialties: diagnostic radiologic physics, therapeutic radiologic physics, or medical nuclear physics.

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

★PUBLIC HEALTH OFFICER
(Change Effective 23 Jul 09)

★1. Specialty Summary. Applies preventive and public health knowledge, techniques, and skills to promote health and to reduce the incidence of communicable diseases, occupational illnesses, food borne diseases, and disease and nonbattle injuries while in garrison as well as in field conditions. Promotes the 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 safety, 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 civilian 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 identity, 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 that 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 food borne 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 along with members of Flight 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 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, 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. Provides medical intelligence to members deploying to exercises and contingencies to reduce disease incidence and promote mission effectiveness. Ensures that deployers' medical records are reviewed and updated by their Primary Care Managers and that all required medical tests and other preventive medicine measures are completed prior to deployment. 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. Advises medical personnel and commanders on the application of appropriate medical standards to military members that may have medical conditions incompatible with unrestricted/continued military service. Monitors those members given long-term physical profiles to ensure the continued validity and requirement for those profiles.

★3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of basic epidemiology, microbiology, food technology and hygiene, communicable diseases, and occupational health.

3.2. Education. For entry into this specialty, it is mandatory to possess either: a Doctorate of Veterinary Medicine (DVM/VMD), Public Health (DrPH), Epidemiology (PhD), or a bachelor's degree in a biological science (see Note), and a Community College of the Air Force (CCAF) degree in public health/environmental medicine technology or allied health sciences; or a Master's Degree in Public Health (MPH/MSPH) or Epidemiology (MS), and a bachelor's degree in a biological science (see Note). All degrees must emanate from academic institutions recognized by the Surgeon General, HQ USAF. Also, all MPH or equivalent degrees must be from schools or programs (including distance learning) listed as fully accredited by the [Council on Education for Public Health \(CEPH\)](#).

3.2.1. Entry based on both a bachelor's degree in a biological science (see Note) and a CCAF degree in public health/environmental technology or allied health sciences, also requires seven years of job experience as an enlisted public health technician, with three of those seven years served in the 7-skill level (AFSC 4E071).

3.3. Training. For award of AFSC 43H3, completion of the Public Health Officer (PHO) course, Entomology/ConOps course, and the Advanced PHO course is mandatory.

3.4. Experience. For award of AFSC 43H3, a minimum of 24 months of experience is mandatory in public health officer assignments.

3.5. Other. Not used.

NOTE: A degree in nursing (BSN/RN), biology, microbiology or zoology, or other degree containing, at a minimum, the following semester-hour equivalents: biology with laboratory, 8 hours; chemistry with laboratory, 8 hours; organic chemistry with laboratory, 8 hours; physics with laboratory, 8 hours; microbiology with laboratory, 4 hours; genetics, 3 hours; biology electives, 9 hours; and statistics, 3 hours.

AFSC 43M4, Staff
 AFSC 43M3, Qualified
 AFSC 43M1, Entry

MEDICAL ENTOMOLOGIST
(Change Effective 23 Jul 09)

★1. **Specialty Summary.** Supports operational, research and training activities worldwide. Develops and administers disease vector surveillance, integrated vector and pest management, vector-borne and zoonotic disease research, and environmental programs to protect forces from vector-borne/zoonotic disease and injury, prevent damage to weapons systems and installations, and ensure the implementation of effective and environmentally sound integrated vector and pest management controls. Related DoD Occupational Group: 260803.

2. Duties and Responsibilities:

2.1. Ensures most-effective disease vector and pest control capabilities are implemented to prevent adverse effects on personnel, weapons systems, supplies, 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. Develops and consults on the entomological portion of operational and educational programs for preventive medicine activities.

2.2. Formulates policies, plans, and procedures for USAF pest management programs. Ensures vector and pest control operations do not present unacceptable risks to human health and the environment. Formulates integrated pest management plans and provides integrated pest management technology transfer to the field. Determines pest management certification and training requirements and assists in pest management education and training curriculum development.

2.3. Advises and consults on environmental matters including but not limited to: federal, state, and municipal laws; Presidential executive orders; Congressional inquiries; effects of toxic, noxious and invasive species; and statements from activist groups. Manages the environmental impact analysis process. Formulates policy and guidance to balance our nation's national defense and environmental stewardship goals.

2.4. Instructs and conducts research in medical biology. Engages in laboratory and field studies of arthropods, vertebrates, hazardous plants, and other organisms of known medical or pest importance. Investigates relationships between environment and disease-associated animals and plants. Collects, compiles, analyzes, and disseminates data on medical biology and pest control measures. Prepares comprehensive interpretive research reports pertaining to medical biology.

2.5. Coordinates pest management and medical biological activities with military and civilian agencies. Maintains close coordination with DoD medical entomologists, pest managers, natural resource managers, agronomists and related professionals. 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. Represents the USAF in policy development and inter-service and inter-governmental agency cooperative positions.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: medical entomology and arthropod and other biological hazard control measures.

3.2. Education. For entry into this specialty, a Master's degree in entomology or Master's degree in zoology, biology, or public health with a qualifying thesis in entomology is mandatory as a minimum.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 43M3, a minimum of 24 months of experience is mandatory in a medical entomology assignment.

3.5. Other. Not used.

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

PHARMACIST
(Change Effective 23 Jul 09)

★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 doctor's orders for accuracy, overdoses, drug interactions and therapeutic appropriateness. Dispenses medicines & prescriptions 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. Assumes responsibility for work performed by technicians. Assigns work to subordinates based on mission priorities and requirements.

2.6. Directs procurement, storage, manufacture, distribution, control, and evaluation of drugs. Inspects stock supplies of drugs on all services; 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. Establishes a research unit within the pharmacy department. 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 medical 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; or Bachelors of Pharmacy degree and completion of an accredited residency or fellowship.

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.

3.5.1. Within 12 months of commissioning, a new graduate must obtain license 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 valid pharmacist license and be in good standing with the State Board of Pharmacy.

3.5.3. Must be able to distinguish basic colors.

★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 43T4*, Staff
 AFSC 43T3*, Qualified
 AFSC 43T1*, Entry

BIOMEDICAL LABORATORY
(Change Effective 23 Jul 09)

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. Supervises the management of reference data for members of the medical provider staff. 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 USAF Medical Service. Participates in meetings of professional societies and symposia and disseminates information obtained to other biomedical science personnel.

★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.

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 program of quality control commensurate with specified Air Force regulations and requirements set forth by select national accrediting 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. 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 possess a baccalaureate degree in medical technology or equivalent from an institution acceptable to the Surgeon General, HQ USAF.

3.2.2. For entry into AFSCs 43T1B/C/D/E/F/H, a master's degree or 24 months of supervised experience is mandatory in the area of specialization identified by the suffix.

3.3. Training. For award of AFSC 43T1A, certification as a Medical Technologist by the American Society of Clinical Pathology or certification by the National Credentialing Agency as a Clinical Laboratory Scientist 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:

| <i>Suffix</i> | <i>Portion of AFSC to Which Related</i> |
|---------------|--|
| 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

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.

AFSC 44A3, Qualified
AFSC 44A1, Entry

CHIEF, HOSPITAL/CLINIC SERVICES

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. Not used.

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

PREVENTIVE MEDICINE

1. Specialty Summary. Administers aerospace medicine program. 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. For award of AFSC 44B1, completion of a residency in General Preventive Medicine or Public Health acceptable to the Surgeon General, HQ USAF, or board certification in General Preventive Medicine or Public Health.

3.4. Experience. For award of AFSC 44B3, a minimum of 12 months of experience in preventive medicine is mandatory.

3.5. Other. Not used.

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

PATHOLOGIST
(Changed 30 Apr 08)

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.

3.5. Other. For award of AFSC 44D3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF is mandatory.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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

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. Not used.

4. *Specialty Shredouts:

| | |
|---------------|--|
| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
| A..... | Emergency Medicine Specialist |

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

FAMILY PHYSICIAN

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. Not used.

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.

3.5. Other. For entry into AFSC 44F1, current enrollment in a family practice residency program acceptable to the Surgeon General, HQ USAF, is mandatory.

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

GENERAL PRACTICE PHYSICIAN

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. Not used.

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

NUCLEAR MEDICINE PHYSICIAN

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. Not used.

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

CLINICAL GENETICIST

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. Not Used.

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

PEDIATRICIAN

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.
- 3.5. Other. For award of AFSC 44K3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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 |

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

INTERNIST

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.

3.5. Other. For award of AFSC 44M3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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..... | Hematology (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) |

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

NEUROLOGIST

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.

3.5. Other. Not used.

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

PSYCHIATRIST

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.

3.5. Other. For award of AFSC 44P3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

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

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.

3.5. Other. For award of AFSC 44R3X, completion of an additional residency or fellowship program related to the suffix or having been awarded a Certificate of Added Qualification (CAQ), Certificate of Special Competence for 44R3D, by the American Board of Radiology, and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A | Neuroradiology |
| B | Special Procedures |
| C | Pediatric |
| D | Nuclear Medicine |
| E | Musculoskeletal |
| F | Magnetic Resonance Imaging (MRI) |

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

DERMATOLOGIST

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 or fellowship in dermatology acceptable to the Surgeon General, HQ USAF, is mandatory.

3.5. Other. For award of AFSC 44S3X, completion of the additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

Suffix

Portion of AFS to Which Related

A..... Dermatologic Surgery

B..... Dermatopathology

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

RADIOTHERAPIST

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. Not used.

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

OCCUPATIONAL MEDICINE

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, a minimum of 12 months of experience in occupational medicine and a completion of residency or fellowship in occupational medicine acceptable to the Surgeon General HQ USAF, or board certification by the American Board of Preventive Medicine – Occupational Medicine is mandatory.

3.5. Other. For entry into AFSC 44U1, current enrollment in an occupational medicine residency program acceptable to the Surgeon General, HQ USAF, is mandatory.

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

CRITICAL CARE MEDICINE

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, completion of a fellowship in critical care medicine, or equivalent, acceptable to the Surgeon General, HQ USAF, is mandatory.

3.5. Other. For award of AFSC 44Y3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

Suffix

Portion of AFS to Which Related

A..... Pediatrics

AFSC 44Z4, Staff
AFSC 44Z3, Qualified
AFSC 44Z1, Entry

ALLERGIST

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 oversees 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. Not used.

SURGERY UTILIZATION FIELD (45XX)

Introduction

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.

AFSC 45A4 Staff
AFSC 45A3 Qualified
AFSC 45A1 Entry

ANESTHESIOLOGIST

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.

3.5. Other. Not used.

AFSC 45B4*, Staff
 AFSC 45B3*, Qualified
 AFSC 45B1*, Entry

ORTHOPEDIC SURGEON
(Changed 30 Apr 08)

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.

3.5. Other. For award of AFSC 45B3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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

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.

3.5. Other. For award of AFSC 45E3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Oculoplastics |
| B..... | Cornea/External Disease |
| C..... | Glaucoma |
| D..... | Neuro-Ophthalmology |
| E..... | Pathology |
| F..... | Strabismus/Pediatrics |
| G..... | Vitreous/Retina |

AFSC 45G4*, Staff
 AFSC 45G3*, Qualified
 AFSC 45G1*, Entry

OBSTETRICIAN AND GYNECOLOGIST

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.

3.5. Other. For award of AFSC 45G3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|---|
| A..... | Endocrinology |
| B..... | Oncology |
| C..... | Pathology |
| D..... | Maternal-Fetal Medicine |
| E..... | Urogynecology/Pelvic Reconstructive Surgery |

AFSC 45N4*, Staff
 AFSC 45N3*, Qualified
 AFSC 45N1*, Entry

OTORHINOLARYNGOLOGIST

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.

3.4.2. For entry into AFSC 45N1A/B/C/D, qualification in and possession of AFSC 45N3 is mandatory.

3.4.3. For award of AFSC 45N3A/B/C/D completion of a fellowship in a suffix specific course acceptable to the Surgeon General, HQ USAF, is mandatory.

3.5. Other. Not used.

4. *Specialty Shredouts:

Suffix

Portion of AFS to Which Related

A..... **Otology/Neurotology.** Provide advanced education diagnosis, and treatment of disorders of the petrous apex, infratemporal fossa, internal auditory canal and cranial nerves. This subspecialty is part of a Skull base team that requires Neurosurgical and advanced audiological support. Successful completion of an Otology/Neurotology program acceptable to the Surgeon General, HQ USAF, is mandatory.

- B.....**Head & Neck Surgical Oncology.** Provide advanced education, diagnosis, and treatment of traumatic injury and neoplastic disease of the head & neck to include advanced surgical removal, repair and reconstruction (i.e. with vascularized, sensate free flaps). Also included are advanced rigid bronchoesophogoscopic and surgery. Successful completion of a Head & Neck Surgical Oncology program acceptable to the Surgeon General, HQ USAF.

- C.....**Pediatric Otolaryngology.** Provide advanced education, diagnosis and treatment of infants and children with complex problems. Specifically congenital and acquired conditions involving the aerodigestive tract, the nose and paranasal sinuses, the ear, disease and disorders of the laryngotracheal complex and the head and neck. Additional expertise in management of childhood disorders of voice, speech, language, and hearing as well as genetics is also provided. These individuals are often part of the cleft-palate or craniofacial disorder team. Successful completion of a fellowship in a Pediatric Otolaryngology program acceptable to the Surgeon General, HQ USAF.

- D.....**Facial Plastic Surgery.** Provide advanced education, diagnosis, and treatment in the reconstructive and cosmetic repair of traumatic, neoplastic, congenital and acquired deformities of the head and neck. Individuals are often part of a reconstruction team for head and neck cancer. Completion of a fellowship in a Facial Plastic Surgery program acceptable to the Surgeon General, HQ USAF.

AFSC 45P4, Staff
AFSC 45P3, Qualified
AFSC 45P1, Entry

PHYSICAL MEDICINE PHYSICIAN

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, spasticity, 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. Not used.

AFSC 45S4*, Staff
 AFSC 45S3*, Qualified
 AFSC 45S1*, Entry

SURGEON
(Changed 30 Apr 08)

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.

3.5. Other. For award of AFSC 45S3X, successful completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

★4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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

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.

3.5. Other. For award of AFSC 45U3X, completion of an additional residency or fellowship program related to the suffix and acceptable to the Surgeon General, HQ USAF, is mandatory.

4. *Specialty Shredouts:

Suffix

Portion of AFS to Which Related

- A..... Pediatrics
- B..... Oncology

NURSE UTILIZATION FIELD (46XX)

**Introduction
(Changed 31 Jan 09)**

★The Nurse Utilization Field encompasses the functions of planning, organizing, controlling, coordinating, executing, and evaluating nursing activities. This includes Registered Nurses providing direct patient care; supervising ancillary nursing service personnel; participating in education and training activities; and participating in research for the improvement of patient care. The field also includes Advanced Practice Nurses functioning in expanded roles and as privileged health care providers to provide care for obstetrics-gynecology, pediatric and adult patients in ambulatory and inpatient settings.

AFSC 46A4, Staff
 AFSC 46A3, Qualified
 AFSC 46A1, Entry

NURSING ADMINISTRATOR
(Changed 31 Jan 09)

★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.

2.2. AFSC may be used for Nurse Corps officers assigned as medical squadron commanders.

2.3. Performs senior staff officer duties. Serves as advisor to the Surgeon General, HQ USAF, or command surgeon on nursing related issues. 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.

★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. Meet entry level requirements as defined in AFI 36-2005, Appointment in Commissioned Grades and Designation and Assignment in Professional Categories, para 6.3.1.2. Master's degree in nursing or related specialty from an accredited educational program approved by the AF/SG is preferred.

3.3. Training. Air Force Medical Service Intermediate Executive Skills (IES) course.

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

3.4.1. 46A1. A minimum of 7 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. Meet requirements for professional licensure as defined in AFI 44-119, *Medical Quality Operations*, para 4.1.1.

AFSC 46F4, Staff
 AFSC 46F3, Qualified
 AFSC 46F1, Entry

FLIGHT NURSE
(Change 31 Jan 09)

★1. **Specialty Summary.** Provides professional 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 AE policies, plans and programs. Supports research activities. Related DoD Occupational Group: 260506.

★2. **Duties and Responsibilities:**

- 2.1. Member of the AE crew. Functions as the senior medical member of the AE team during CONUS, intra-theater, and inter-theater flights. Collaborates with appropriate agencies and personnel concerned with conduct of the mission.
- 2.2. Plans and prepares for AE missions. Coordinates with the operational aircrew and 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 and securing of patients. Prepares and maintains plan for patient evacuation from aircraft in case of an aircraft emergency.
- 2.3. Plans and provides in-flight patient care. Provides continuing nursing care from originating to destination facilities. Monitors and evaluates patient condition and reactions to stresses of flight and initiates appropriate interventions as needed. Maintains and annotates in-flight patient records. Acts as liaison between medical and operational aircrews and support personnel in order to promote patient safety and comfort and to accomplish the mission. Maintains and completes data on forms relative to the mission. Supervises 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.
- 2.4. Provides emergency care. Initiates emergency interventions for in-flight medical emergencies. Provides emergency care to patients in the event of an aircraft emergency, wheels-up landing, ditching, rapid decompression, or fuselage fire.
- 2.5. Participates in nursing service administration activities. Participates in the instruction and evaluation of in-flight nursing care routines and practices.

★3. **Specialty Qualifications:**

- 3.1. Knowledge. Knowledge of unique aeromedical supplies/equipment in the management of in-flight emergencies patient comfort and safety measures in the aeromedical environment, and principles of nursing practice including the implications of drug therapy and the effects of altitude.
- 3.2. Education. For entry into this specialty, meet the entry level requirements as defined in AFI 36-2005, Appointment in Commissioned Grades and Designation and Assignment in Professional Categories, para 6.3.1.2.
- 3.3. Training. For award of AFSC 46F1, completion of a Flight Nurse Course acceptable to the AF/SG, is mandatory.
- 3.4. Experience. For award of AFSC 46F3, completion of upgrade/qualification training, aircrew certification and completion of Readiness Skills Verification Program requirements as defined in AFI 41-106, *Unit Level Management of Medical Readiness Programs*.
- 3.5. Other.
 - 3.5.1. Meet requirements for professional licensure as defined in AFI 44-119, *Medical Quality Operations*, para 4.1.1.
 - 3.5.2. For entry into this specialty, physical qualification for flying duty according to AFI 48-123, *Medical Examinations and Standards*, Class III medical standards, is mandatory.

AFSC 46N4*, Staff
 AFSC 46N3*, Qualified
 AFSC 46N1*, Entry

**CLINICAL NURSE
 (Changed 31Oct 09)**

1. Specialty Summary. Includes clinical nurses, clinical nurse specialists and nurse practitioners. 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: 260509.

★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 as defined in AFI 36-2005, *Appointment in Commissioned Grades and Designation and Assignment in Professional Categories—Reserve of the Air Force and United States Air Force*, para 6.3.1.2., is mandatory.

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

3.3.1. For award of the 46N3D, completion of Health Professions Education and Training Course.

3.3.2. For award of AFSC 46N3E/F/G/J, completion of a training program or fellowship in a respective clinical specialty.

3.4. Experience. For award of AFSC 46N3E/F/G/J, a minimum of 6 months in the respective clinical specialty and completion of Readiness Skills Verification Program requirements as defined in AFI 41-106, *Unit Level Management of Medical Readiness Programs*, is mandatory. Civilian clinical nursing experience, time spent in the Air Force Nurse Transition Program or the applicable specialty training/fellowship program is creditable.

3.4.2. For award of AFSC 46N3D, a minimum of 6 months as an education and training officer at the medical group level.

3.5. Other. Not used.

★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.

AFSC 46P4, Staff
 AFSC 46P3, Qualified
 AFSC 46P1, Entry

MENTAL HEALTH NURSE
(Changed 31 Oct 09)

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. The following education is mandatory as indicated: For entry into this specialty, meet entry level education requirements as defined by AFI 36-2005, *Appointment in Commissioned Grades and Designation and Assignment in Professional Categories*, para 6.3.1.2.

3.3. Training. Not used.

3.4. Experience. For award of 46P3, a minimum of 6 months in MH nursing including individual and group therapy and completion of Readiness Skills Verification Program requirements as defined in AFI 41-106, *Unit Level Management of Medical Readiness Programs*, is mandatory. Civilian MH nursing experience is creditable.

3.5. Other. Meet requirements for professional licensure as defined by AFI 44-119, *Medical Quality Operations*, para 4.1.1.

AFSC 46S4, Staff
 AFSC 46S3, Qualified
 AFSC 46S1, Entry

OPERATING ROOM NURSE
(Changed 31 Jan 09)

★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 level education requirements as defined in AFI 36-2005, *Appointment in Commissioned Grades and Designation and Assignment in Professional Categories*, para 6.3.1.2.

3.3. Training. Completion of an OR Nursing Course, training program or fellowship.

3.4. Experience. For award of 46S3, a minimum of 6 months in OR nursing and completion of Readiness Skills Verification Program requirements as defined in AFI 41-106, *Unit Level Management of Medical Readiness Programs* is mandatory. Time spent in OR Nursing Course and civilian OR nursing experience is creditable.

3.5. Other. Meet requirements for professional licensure as defined in AFI 44-119, *Medical Quality Operations*, para 4.1.1.

AFSC 46Y4*, Staff
 AFSC 46Y3*, Qualified
 AFSC 46Y1*, Entry

★PRIVILEGED ADVANCED PRACTICE NURSE (P-APN)
(Changed 31 Oct 09)

★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: 260505/260502

★2. Duties and Responsibilities:

2.1. Privileged Advanced Practice Nurse. Expert clinician with advanced academic degree in selected nursing specialties. Privileged health care provider who uses critical judgment to render direct patient care, including comprehensive health assessing, differential diagnosing, planning, and prescribing pharmacologic and non-pharmacologic treatment in management of acute and chronic illness and disease of health problems, health promotion, and 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. Practice with a high degree of autonomy and professional respect.

2.2. Provides comprehensive and specialty nursing care. Assesses health and health care needs of individuals and populations. Involves the patient, family, and community in setting realistic goals to achieve desired outcomes. Plans comprehensive care to attain expected outcomes. 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.

2.3. 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. For award of AFSC 46Y1A/B/C/G/H/M/P, full time enrollment in an graduate level accredited program approved by the AF/SG.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 46Y3A/B/C/G/H/M/P, both a master’s degree in the specialty from an accredited program approved by the AF/SG and board certification by a certifying agency approved by the AF/SG. *Exception:* Individuals certified before master’s degree requirement established.

3.5. Other. Meet requirements for professional licensure as defined in AFI 44-119, *Medical Quality Operations*, para 4.1.1

★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 **Adult Nurse Practitioner or Acute Care Nurse Practitioner.** Privileged health care provider. Manages health care for adults.

- 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

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.

AFSC 47B4 Staff
AFSC 47B3 Qualified
AFSC 47B1 Entry

ORTHODONTIST

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. Not used.

AFSC 47D4, Staff
AFSC 47D3, Qualified
AFSC 47D1, Entry

ORAL AND MAXILLOFACIAL PATHOLOGIST

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. Not used.

AFSC 47E4, Staff
AFSC 47E3, Qualified
AFSC 47E1, Entry

ENDODONTIST

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. Not used.

AFSC 47G4*, Staff
AFSC 47G3*, Qualified
AFSC 47G1*, Entry

DENTIST

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. Not used.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| 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

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. Not used.

AFSC 47K4, Staff
AFSC 47K3, Qualified
AFSC 47K1, Entry

PEDIATRIC DENTIST

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. Not used.

AFSC 47P4* Staff
AFSC 47P3* Qualified
AFSC 47P1* Entry

PROSTHODONTIST

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. 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.

4. *Specialty Shredouts

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Maxillofacial Prosthetics |
| B..... | Area Dental Laboratory |
| C..... | Dental Materials |

AFSC 47S4*, Staff
 AFSC 47S3*, Qualified
 AFSC 47S1*, Entry

ORAL AND MAXILLOFACIAL SURGEON

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. 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.

4. *Specialty Shredouts:

| <i>Suffix</i> | <i>Position of AFS to Which Related</i> |
|---------------|---|
| A..... | Temporomandibular Joint |
| B..... | Facial Esthetics |
| C..... | Maxillofacial Reconstruction |

AEROSPACE MEDICINE UTILIZATION FIELD (48XX)**Introduction**

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*.

AFSC 48A4, Staff
AFSC 48A3, Qualified
AFSC 48A1, Entry

AEROSPACE MEDICINE SPECIALIST

1. Specialty Summary. Develops and administers the aerospace medicine program; supervises, conducts medical examinations, and provides medical care for flyers, missile crews, and others with special standards of medical qualification. 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 flying and special operational personnel. Makes determinations on waivers of medical standards. 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 flying 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 flight medicine or physical examination section program. Examines personnel to determine fitness for flying and special duty, or to recommend continuance, removal, or return to flying 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. Serves on aircraft mishap investigation boards. Develops the aeromedical component of flying safety performance enhancement programs.

2.8. 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.

2.9. 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 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 completion of a residency in a clinical specialty at a hospital acceptable to the Surgeon General, HQ USAF.

3.3. Training. For award of AFSC 48A1, completion of a primary course in aerospace medicine and an approved residency in aerospace medicine is mandatory.

3.4. Experience. For award of AFSC 48A3, a minimum of 12 months of experience as a flight surgeon is mandatory.

3.5. Other. The following is mandatory as indicated:

3.5.1. For award of AFSC 48A3, it is mandatory to possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon.

3.5.2. For award of AFSC 48A3, it is mandatory to be board eligible in Aerospace Medicine.

AFSC 48G4 Staff
AFSC 48G3 Qualified
AFSC 48G1 Entry

GENERAL MEDICAL OFFICER (GMO), FLIGHT SURGEON

1. Specialty Summary. Administers the Aerospace Medicine Program in the absence of an Aerospace Medicine Specialist; 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 or injuries, and investigates 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 primary medical care for flyers and their families. Manages disorders and injuries unique to flight. 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 for 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 clinical specialty at a hospital 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.

3.4. Experience. For award of AFSC 48G3, a minimum of 12 months of experience as a flight surgeon is mandatory.

3.5. Other. For award of AFSC 48G3, it is mandatory to possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon.

AFSC 48R4, Staff
AFSC 48R3, Qualified
AFSC 48R1, Entry

RESIDENCY TRAINED FLIGHT SURGEON

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 and their families. 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. 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 flying 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 requiring special medical care standards 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 prospective medicine, counseling, and family unit support. Manages disorders and injuries unique to flight medicine. Provides specialty consultation to aeromedical staff. Serves as liaison between flying squadrons and other 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 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 performance 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. Develops support mechanisms for family members of deployed personnel. Integrates family practice 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 degree or a doctor of osteopathy degree from an approved school of medicine or osteopathy.

3.3. Training. For award of AFSC 48R1, completion of a primary course in aerospace medicine and a residency at a hospital acceptable to the Surgeon General, HQ USAF is mandatory.

3.4. Experience. For award of AFSC 48R3, a minimum of 12 months of experience as a residency trained flight surgeon is mandatory.

3.5. Other. For award of AFSC 48R3, it is mandatory to possess an aeronautical rating of Flight Surgeon, Senior Flight Surgeon, or Chief Flight Surgeon.

AFSC 48V4, Staff
 AFSC 48V3, Qualified
 AFSC 48V1, Entry

PILOT-PHYSICIAN

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. For entry into this specialty and award of AFSC 48V1, the following are mandatory:
 - 3.5.1. 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*.

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 policies 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, nonjudicial 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 administering 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 (Change Effective 4 Dec 08)

★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.

Individual shredouts of the Chaplain AFSC are authorized for use on manpower documents to identify peacetime requirements. They are also used as a management tool to provide readiness capability for asset management, unit taskings, operational plans development and execution, requirements determination, and force availability. They are used to ensure unit type code configurations and mission capabilities to support wartime taskings. They provide a tailored flexible crisis response capability to support a variety of contingencies.

AFSC 52R4, Staff
AFSC 52R3*, Qualified
AFSC 52R1*, Entry

CHAPLAIN
(Change Effective 4 Dec 08)

★1. **Specialty Summary.** Develops and administers Chaplain Corps policies and procedures, including plans and operations, readiness management, Chaplain Corps manpower, budgetary and fiscal management, chaplain facility repair, modification, and construction. Manages resources to provide professional religious support needed to accomplish the mission of the US Air Force and maintain the highest degree of effectiveness and readiness. Advises commanders on religious, ethical, moral, morale, and quality of life matters. Related DoD Occupational Group: 250700.

2. Duties and Responsibilities:

2.1. Develops peacetime and wartime plans and policies relative to organization and management of chaplain activities such as manpower, Chaplain Readiness Teams (CRT), deployments, ministry strategies, training, chaplain materiel, and chaplain funds.

★2.2. Conducts worship services, liturgies, and rites. Provides counseling, pastoral care, visitation, religious education, morale programs, spiritual renewal, lay leadership programs, and humanitarian outreach opportunities. Represents the faith and military communities in religious, patriotic, and civic events. Maintains liaison with civilian clergy and organizations to keep current in areas of interest to Chaplain Corps programs.

★2.3. Supervises administration and fiscal control of Chaplain Corps functions. Advises commanders on religious, ethical, moral, morale, and quality of life matters. Advises the commanders of their responsibilities to provide appropriate facilities or sites for worship, rites, and counseling.

2.4. Maintains ecclesiastical liaison with religious officials and submits required professional reports and records.

3. Specialty Qualifications:

★3.1. Knowledge. Knowledge is mandatory of Air Force war plans, objectives, principles, and methods; Chaplain Corps organizational management principles and practices; policies; procedures; programs; activities; and readiness requirements.

3.2. Education. The following education is mandatory for entry into this specialty.

3.2.1. Completion of 120 semester hours of undergraduate credit at an institution meeting requirements of DoD Directive 1304.19.

3.2.2. Master of Divinity or equivalent theological degree; or 3 years of equivalent resident graduate study according to DoD Directive 1304.19.

3.3. Training. For award of AFSC 52R3, completion of the Air Force Chaplain Orientation Course is mandatory.

3.4. Experience. For award of AFSC 52R3, experience in planning, organizing, coordinating, and leading chaplain related, or equivalent programs is mandatory.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty, ecclesiastical endorsement from a faith group recognized by the DoD Armed Forces Chaplains Board is mandatory.

3.5.2. Award suffixes based on an individual's major faith group.

4. *Specialty Shredouts

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|--|
| A..... | Protestant |
| B..... | Buddhist |
| C..... | Roman Catholic |
| D..... | Jewish |
| E..... | Orthodox |
| F..... | Muslim |

NOTE: AFSCs 52R3/1, when used without suffix, denotes any denomination.

ACQUISITION AND FINANCIAL MANAGEMENT CAREER AREA (6XXX)

Introduction

The Acquisition and Financial Management Career Area encompasses weather operations and research, basic and applied research in support of Air Force requirements, research and development command and staff functions, and engineering responsibility for the design, development, installation, modification, testing, and analysis of materiel, systems, methods, processes, and techniques. Also 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**PROGRAM DIRECTOR**

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:

3.2.1. Undergraduate academic specialization in a technical, scientific, or management field appropriate to program management is mandatory for award of this AFSC.

3.2.2. A master's degree in a technical, scientific, or management field appropriate to program management 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 education is mandatory for award of this AFSC.

3.3.2. Completion of the Defense Systems Management College Program Management Course or a comparable program management course at another institution is mandatory for award of this AFSC.

3.4. Experience. The following are mandatory for award of this AFSC:

3.4.1. At least 8 years' experience in acquisition, support, or maintenance of weapons systems, 2 years of which were performed while assigned to Air Force Material Command (previously Air Force Systems Command and Air Force Logistics Command). Time spent pursuing postgraduate education in a technical or management field or attending the Defense Systems Management College Program Management Course, or comparable course, may be substituted toward the 8-year requirement. Forty months is the maximum amount of time that may be substituted.

3.4.2. A minimum of 24 months of experience in a program office as a project manager, or in the direct supervisory chain of a program manager or director, responsible for the technical performance, schedule, cost, and supportability of a system, subsystem, or equipment item.

3.5. Other.

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 60C0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

★SCIENTIFIC/RESEARCH UTILIZATION FIELD (61XX)
(Changed 31 Oct 09)

Introduction

The Scientific/Research Utilization Field encompasses the scientific research function associated with research and exploratory development in support of Air Force requirements and the operational assessment of weapons systems, force structure, doctrine and resources. 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 pertinent to that specialty. Research includes the functions of defining a problem, selecting methods of approach, performing experiments, accumulating and interpreting data, 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.

Excluded from this field are functions dedicated to research on computer hardware and software. These specialties are found in the Communications-Computer Systems Career Area.

Functions requiring only a general knowledge of science or research and development operations are described under AFSCs 63A3 and 62E3G.

AFSC 61A4, Staff
 AFSC 61A3, Qualified
 AFSC 61A1, Entry

★OPERATIONS RESEARCH ANALYST
(Established 31 Oct 09)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform operational analyses/assessments supporting organizations throughout the Air Force. Performs a wide variety of duties including but not limited to laboratory research, general research, testing and evaluation, mission support, operations support, and logistics support; both in garrison and at deployed locations. 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. Related DoD Occupational Index: 250100.

2. Duties and Responsibilities:

2.1. Designs and conducts scheduled and ad hoc analyses. Identifies data needs and sources, researches and collects data, consults with subject matter experts, conducts planning meetings. Builds data tool applications for analyses, analyzes data and test results, and performs statistical analyses. Applies analyses to current operations and to operational scenarios. Assesses compliance with operational requirements documents, prepares and applies measures of effectiveness and performance. Advises users on applications of scientific analyses.

2.2. Conducts and manages research. Plans research projects, determines theoretical aspects of problem, 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 and analysis, and briefs results. Is cognizant of and applies interdisciplinary scientific knowledge to plan and conduct research programs.

2.3. Develops new concepts, methods, and techniques to solve scientific and operational problems. Analyzes theories and research findings to determine applications. Engages in continuous evaluation, 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.

2.4. 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 and coordinates projects with private sector research organizations, contractors, Air Force research and operational organizations, other Services and other government agencies, and universities.

2.5. Manages scientific programs, projects, and activities. 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.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory 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.

3.2. Education. The following education is required for entry into AFSC 61A1: Undergraduate academic degree in mathematics, statistics, operations research, or related field (such as industrial engineering, management science, or decision sciences, economics) is mandatory. Minimum of 36 semester hours (or equivalent) of study from an accredited institution of higher education from the math, statistics, operations research, or industrial engineering disciplines is mandatory.

3.3. Training. For award of the fully qualified level (AFSC: 61A3), completion of the Operations Research Military Applications Course (ORSA MAC) (L5OZA20C0 01AA), is mandatory. After completion of the ORSA MAC course, officers serving in Test positions may also complete the Acquisition Fundamentals Course (WFAM 103) or (L30QR63A1) or Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101).

3.4. Experience. For award of AFSC 61A3, a minimum of 24 months of experience in a 61A DAFSC is mandatory. It is mandatory that experience includes 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 specialization fulfills the 24-month requirement.

3.5. Other. Not used.

AFSC 61B4, Staff
AFSC 61B3, Qualified
AFSC 61B1, Entry

★BEHAVIORAL SCIENCE/HUMAN FACTORS SCIENTIST
(Established 31 Oct 09)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform research/operational assessments. 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. Related DoD Occupational Index: 250500.

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, 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. Plans and coordinates psychological operations with Service, Joint, and Inter-agency organizations. Designs and conducts research and accomplishes behavioral analysis of foreign target audiences to support psychological operations initiatives. Develops and analyzes psychological operations measures of effectiveness. Analyzes theories and research findings relevant to psychological operations. Advises leadership regarding behavioral science implications for psychological operations. Performs as Service and Joint psychological operations staff officer and manager in positions requiring behavioral scientist specialization. Develops concepts, methods, techniques and policy in the area of influence operations and related areas.

2.5. 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.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory 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.

3.2. Education. The following education is required for entry into AFSCs 61B1: Undergraduate degree in behavioral science, psychology; sociology; or human factors engineering is mandatory. Minimum of 12 credit hours of study from an accredited institution of higher education from among the disciplines of mathematics, statistics, quantitative methods, research analysis, research design, research methods, modeling, simulation, systems engineering is mandatory.

3.3. Training. For award of the fully qualified level (AFSC: 61B3), completion of the Acquisition Fundamentals Course (WFAM 103) or (L30QR63A1) or Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101) is mandatory.

3.4. Experience. For award of AFSC 61B3, a minimum of 24 months of experience in a 61B DAFSC is mandatory. It is mandatory that experience includes assignments in such activities as research, development, design, and technical writing in the suffix specialization. A master's degree in the suffix specialization may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in the specialization fulfills the 24-month requirement.

3.5. Other. Not used.

AFSC 61C4, Staff
AFSC 61C3, Qualified
AFSC 61C1, Entry

★CHEMIST/BIOLOGIST
(Established 31 Oct 09)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform research/operational assessments. 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. 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.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory 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.

3.2. Education. The following education is required for entry into AFSC 61C1: Undergraduate academic degree in chemistry/biology or related field. Minimum of 12 credit hours of study from an accredited institution of higher education from among the disciplines of mathematics, statistics, quantitative methods, research analysis, research design, research methods, modeling simulation, systems engineering is mandatory.

3.3. Training. For award of the fully qualified level (AFSC: 61C3), completion of the Acquisition Fundamentals Course (WFAM 103) or (L30QR63A1) or Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101) is mandatory.

3.4. Experience. For award of AFSC 61C3, a minimum of 24 months of experience in a 61C DAFSC is mandatory. It is mandatory that experience includes assignments in such activities as research, development, design, and technical writing in the suffix specialization. A master's degree in the suffix specialization may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in the specialization fulfills the 24-month requirement.

3.5. Other. Not used.

AFSC 61D4, Staff
AFSC 61D3, Qualified
AFSC 61D1, Entry

★PHYSICIST/NUCLEAR ENGINEER
(Established 31 Oct 09)

1. Specialty Summary. Conducts or manages programs, projects, and activities to perform research/operational assessments. 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. 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 problem, 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.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory 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.

3.2. Education. The following education is required for entry into AFSCs 61D1: Undergraduate academic degree in physics/nuclear engineering or related field. Minimum of 12 credit hours of study from an accredited institution of higher education from among the disciplines of mathematics, statistics, quantitative methods, research analysis, research design, research methods, modeling simulation, systems engineering is mandatory.

3.3. Training. For award of the fully qualified level (AFSC: 61D3), completion of the Acquisition Fundamentals Course (WFAM 103) or (L30QR63A1) or Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101) is mandatory.

3.4. Experience. For award of AFSC 61D3, a minimum of 24 months of experience in a 61D DAFSC is mandatory. It is mandatory that experience includes assignments in such activities as research, development, design, and technical writing in the suffix specialization. A master's degree in the suffix specialization may be substituted for 12 of the required 24 months experience. A Doctor of Philosophy degree in the specialization fulfills the 24-month requirement.

3.5. Other. Not used.

DEVELOPMENTAL ENGINEERING UTILIZATION FIELD (62EX)

Introduction

The Developmental Engineering Utilization Field encompasses the design, development, installation, modification, service engineering, testing, and analyses of materials, techniques, methods systems, 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, is normally limited to identification of staff or management positions where duties and responsibilities are specifically oriented for technical management of programs, projects, or activities, and where by reason of diversification of development, they cannot be specifically related to any one field of development engineering specialization. AFSC 62E4 is used only for those positions that specifically require general or multilateral development engineering specialization and in which technical management functions are primary importance.

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.

AFSC 62E4, Staff
AFSC 62E3*, Qualified
AFSC 62E1*, Entry

DEVELOPMENTAL ENGINEER

1. Specialty Summary. Plans, organizes, manages, and implements systems engineering process to assure required capability over 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 customers needs. Directs personnel in performance of 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. The following education is mandatory for entry into the AFSC indicated: (Engineering degrees must be in a school that has at least one program accredited by a nationally recognized body in engineering. Currently, the national accrediting body is the Accreditation Board for Engineering and Technology.)

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 shredsouts F, and G.

3.2.3. 62E1F. Undergraduate academic specialization in engineering, a physical science, or mathematics.

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 the Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101) course or Acquisition Fundamentals Course (L30QR63A1).

3.3.2. 62E3F. 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.

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:

| <i>Suffix</i> | <i>Portion of AFS to Which Related</i> |
|---------------|---|
| A..... | Aeronautical (Occ code 240400) |
| B..... | Astronautical (Occ code 240400) |
| C..... | Computer Systems (Occ code 240200) |
| E..... | Electrical/Electronic (Occ code 240200) |
| F..... | Flight Test (Occ code 220400) |
| G..... | Project (Occ code 251200) |
| H..... | Mechanical (Occ code 240400) |

ACQUISITION UTILIZATION FIELD (63AX)

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*, provide 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.

AFSC 63A4, Acquisition Manager, identifies 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.

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

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 into this specialty, undergraduate academic specialization in engineering, engineering science, engineering management, mathematics, analytical science, physical science, business, or management; or completion of a minimum of 24 semester credit hours of study from an accredited institution of higher education from among the disciplines of: accounting, business finance, law, contracts, purchasing, economics, industrial management, marketing, quantitative methods, and organization and management is mandatory.

3.3. Training. For award of AFSC 63A3, completion of Defense Acquisition University Fundamentals of Systems Acquisition Management (ACQ 101) course or Acquisition Fundamentals Course (L30QR63A1) is mandatory.

3.4. Experience. For award of AFSC 63A3, a minimum of 18 months of acquisition experience 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

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. The following education is required for entry into this specialty: a baccalaureate degree with a minimum of 24 semester credit hours (or the equivalent) of study from an accredited institution of higher education in any of the following disciplines is mandatory: accounting, business finance, law, contracts, purchasing economics, industrial management, marketing, quantitative methods, and organization and management.

3.3. Training. For award of AFSC 64P3, it is mandatory to complete a basic central system or operational level contracting officer course, and Principles of Contract Pricing course, or completion of the Air Force Institute of Technology (AFIT) Master of Science Program in Contracting Management.

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

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 nonappropriated funds; maintenance of reports control system; collection, analysis, interpretation, and presentation of quantitative data pertaining to all Air Force operations; and audit of industrial contractors' accounts and internal accounts of the Air Force.

AFSC 65A4, Staff
AFSC 65A3, Qualified
AFSC 65A1, Entry

AUDIT

1. Specialty Summary. Conducts and manages audits of effectiveness and efficiency of Air Force systems and operations. Administers audit programs within scope of established authority, including technical supervision over lower echelon; reviews systems and internal controls; and supports audits of all levels of Air Force operations. Related DoD Occupational Group: 270400.

2. Duties and Responsibilities:

2.1. Conducts audit activities. Determines compliance with policies, directives, procedures and standards of performance. Accomplishes administrative actions required in execution of assigned responsibilities. Performs all audit work in accordance with applicable US Comptroller General, Department of Defense, and Air Force directives.

2.2. Performs technical audit functions. Surveys systems and controls to determine scope of audit. Evaluates management systems and internal controls to determine if they are adequate in concept, effective and efficient in application, and provide requisite financial integrity. Appraises performance under and ascertains extent of compliance with laws, policies, and directives. Analyzes management data to evaluate techniques, approaches, trends, and future requirements. Prepares audit work papers showing nature and extent of audit work performed. Informs commanders and other staff personnel of audit findings by means of reports, surveys, analyses, and briefings. Provides recommendations for improvement in financial and management policies and procedures. Resolves complex audit and management problems. Prepares statistical reports reflecting results of audit operations.

2.3. Formulates audit procedures and policies. Develops broad audit policy subject to authority, direction, and control of higher Air Force Audit Agency (AFAA) echelons. Studies and analyzes governmental and commercial systems and auditing methods for applicability to Air Force programs. Devises audit procedures and methods to measure reliability of financial and operational management information needed for effective and efficient management. Develops training policies, methods, and procedures, including objectives, approaches, and reporting. Determines resource requirements to support facets of the audit process.

2.4. Plans, organizes, and directs audit activities. Identifies workload requirements and establishes objectives of performance; plans, schedules, and makes audit assignments; and reviews and evaluates progress of work performed and methods used by audit personnel. Reviews and surveys audit operations to determine overall effectiveness and efficiency, status of training, and compliance with policies and procedures, and prescribes corrective action where needed.

2.5. Coordinates audit programs and activities. Confers with audit, inspection, and investigative activities in the Air Force, other military services, government agencies, and industrial concerns to exchange information and keep informed on current interest areas.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge of the following is mandatory: accounting and auditing (commercial and government); and interpretation and application of laws, executive orders, and directives.

3.2. Education. For entry into this specialty, undergraduate academic specialization in accounting (24 semester hours minimum) is mandatory.

3.3. Training. For award of AFSC 65A3, completion of the Air Force Audit Agency Professional Auditor Training Program is mandatory.

3.4. Experience. For award of AFSC 65A3, a minimum of 24 months of experience in auditing management systems is mandatory. Also, experience is mandatory in conducting audits of functions and organizations, preparing audit reports, directing audit activities, and advising on management procedures. Proficiency in audit procedures will be verified by supervisory chain prior to upgrade to AFSC 65A3.

3.5. Other.

3.5.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 65AX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

AFSC 65F4, Staff
AFSC 65F3, Qualified
AFSC 65F1, Entry

FINANCIAL MANAGEMENT

1. Specialty Summary. Performs financial management activities and manages financial programs and operations, including accounting liaison and pay services; budget preparation and execution; program, cost, and economic analysis; and nonappropriated fund oversight. Develops special studies and analyses of management problems and recommends solutions. Serves as financial adviser to commander and staff. Related DoD Occupational Group: 270400.

2. Duties and Responsibilities:

2.1. Plans and organizes financial management activities. 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.

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.

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 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. 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 analysis, policy, and oversight for nonappropriated 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.

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 statistical techniques; and basic computer applications.

3.2. Education. The following education is required as indicated for entry into this specialty:

3.2.1. Undergraduate academic specialization in business administration is desirable.

3.2.2. A minimum of 12 semester hours in economics, accounting, and statistics subjects (6 of which must be in accounting) is mandatory.

3.3. Training. For award of AFSC 65F3, completion of either the Financial Services or Financial Analysis 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. Not used.

AFSC 65W4, Staff
AFSC 65W3, Qualified
AFSC 65W1, Entry

COST ANALYSIS

1. Specialty Summary. Conducts studies to estimate cost and evaluate effectiveness of force structures, operational systems, acquisition programs, and support activities. Performs cost and economic analyses and conducts research. Related DoD Occupational Group: 270400.

2. Duties and Responsibilities:

2.1. 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 and administers education and training programs.

2.2. 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 contractors' management control systems, analyzes cost and schedule performance data, and ensures maintenance of accepted systems.

2.3. 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.

2.4. Performs cost and economic analyses. Performs studies to estimate cost, analyze risk, and evaluate effectiveness of force structures, weapon systems and 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.

3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of cost and economic analysis, statistical and presentation techniques, resource allocation process, and basic computer applications.

3.2. Education. For entry into this specialty, undergraduate academic specialization is mandatory in a business related or quantitative-oriented discipline; or a minimum of 18 undergraduate or graduate semester hours in any combination of business administration, economics, accounting, engineering, mathematics, statistics, management science, operations research, or computer science.

3.3. Training. Not used.

3.4. Experience. For award of AFSC 65W3, a minimum of 18 months of experience is mandatory in cost analysis assignments.

3.5. Other. Not used.

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

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, 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 into this specialty, undergraduate academic specialization or degree is desirable in criminology, police, public or business administration, administration of justice, accounting, business or criminal law, comparative government, area studies, general management, political theory, or behavioral or social psychology.

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, technical services, policy formulation, or devising procedures to implement special investigations.

3.5. Other. The following are mandatory for entry, award, and retention of these AFSCs:

3.5.1. Certification by Commander of AFOSI.

3.5.2. Qualification to bear firearms according to AFI 31-207, *Arming and Use of Force by Air Force Personnel*.

3.5.3. Specialty requires routine access to Top Secret material or similar environment. For award and retention of AFSCs 71SX, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

NOTE: Award of the entry level without a completed SSBI is authorized provided an interim SSBI has been granted according to AFI 31-501.

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

TRAINING COMMANDER, OFFICER TRAINING SCHOOL

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. Commands training squadrons and flights. 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. For entry into this SDI, undergraduate academic specialization in education or social science is desirable.

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 Top Secret material or similar environment. For award and retention of SDI 84H0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

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/AFP 31-5, *Investigations, Clearances, and Program Requirements*.

3.5.6. Specialty requires routine access to Top Secret material or similar environment. For award and retention of SDI 85G0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

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 Top Secret material or similar environment. For award and retention of SDI 86P0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management* is mandatory.

SDI 87G0

**★INSTALLATION INSPECTOR GENERAL
(Changed 30 Apr 08)**

1. Special Duty Summary. Plans, directs, conducts, and monitors inspector general (IG) 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 activities. Operates and manages an Office of the Inspector General. Responsible for overall operation, administration, and management of IG programs. Formulates plans and establishes guidance and direction for IG investigations; FWA; administration; operation; training; employment; maintenance; supply; resources; complaints processing; compliance with 10 USC 1034; use, denial, and release of IG records; and safeguarding of IG programs.

2.2. Organizes IG activities. Develops, establishes, and controls methods and procedures to implement IG policies and programs. Provides direction and policy guidance concerning IG 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 Office of the Inspector General 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. Directs and oversees office management. 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 issues and procedures. Provides assistance and referral services.

2.4. Reviews and evaluates IG 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. For retention of this SDI, completion of the Air Force Installation Inspector General Training Course taught by SAF/IGQ is mandatory.

3.4. Experience. Not used.

3.5. Other. For entry, award, and retention of the SDI, the following are mandatory as indicated:

3.5.1. No Unfavorable Information File, civil convictions (other than minor traffic violations), or open IG investigations.

3.5.2. Demonstrated ability to prepare written reports.

3.5.3. Recommendation by unit commander.

3.5.4. Outstanding military appearance, bearing and conduct.

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 Top Secret material or similar environment. For award and retention of SDI 88A0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*.

REPORTING IDENTIFIERS (RI)
(Changed 31 Jan 10)

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 Top Secret material or similar environment. For award and retention of RI 90G0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.
- 2. 91C0 Commander.** Use this identifier to report the duty and primary AFSC of officers serving in Commander positions where use of prefix "C" with a specific functional AFSC (CXXXX), a group commander AFSC (XOC0) or the wing commander (91W0) identifiers is not appropriate. (Examples include school commandants and NAF/CVs who are not general officers). Related DoD Occupational Group: 210200.
- 3. 91W0 Wing Commander.** Use this identifier to report the duty and primary 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 Top Secret material or similar environment. For award and retention of RI 91W0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.
- 4. 92J0 Nondesignated 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 before reporting for active duty. 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. 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.
- 12. 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.

13. 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 Top Secret material or similar environment. For award and retention of RI 92T0, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

13A. 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.

13A.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of RI 92T2, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

14. 92T1 Navigator Trainee. Use this identifier to report the primary and duty AFSC of newly commissioned officers selected for navigator training, and to report the Duty AFSC of officers entering Specialized Undergraduate Navigator Training. Related DoD Occupational Group: 290200.

14.1. Specialty requires routine access to Top Secret material or similar environment. For award and retention of RI 92T1, completion of a current Single Scope Background Investigation (SSBI) according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

★14A. 92W0 Potential Wounded Warrior. Air Force Wounded Warrior (as defined in pending publication AFI 34-1101, Wounded Warrior Program) having been returned to duty in awarded or other AFSC. Related DoD Occupational Group: 290500.

★14B. 92W1 Reserved for Future Use. Usage criterion is under development.

★14C. 92W2 Wounded Warrior.

★14D. 92W3 Wounded Warrior – Returned to Duty. Air Force Wounded Warrior (as defined in AFI 34-1101, Wounded Warrior Program) for tracking purposes. Apply to secondary or tertiary AFSC only. Related DoD Occupational Group: 290500.

★14E. 92W4 Wounded Warrior – Limited Assignment Status (LAS). Air Force Wounded Warrior (as defined in AFI 34-1101, Wounded Warrior Program) for tracking purposes. Apply to secondary or tertiary AFSC only. Related DoD Occupational Group: 290500.

★14F. 92W5 Wounded Warrior– Retired/Discharged. Air Force Wounded Warrior (as defined in AFI 34-1101, Wounded Warrior Program) for tracking purposes. Apply to secondary or tertiary AFSC only. Related DoD Occupational Group: 290500.

★14G. 92W6 Reserved for Future Use. Usage criterion is under development.

★14H. 92W7 Reserved for Future Use. Usage criterion is under development.

★14I. 92W8 Reserved for Future Use. Usage criterion is under development.

★14J. 92W9 Warrior Care. Usage criterion is under development.

15. 93P0 Patient. Use this identifier to report the duty AFSC of officers in patient status. Related DoD Occupational Group: 290100.

16. 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.

17. 95A0 Non-EAD USAFR Academy or Civil Air Patrol Liaison. Use this identifier to report the duty AFSC of non-extended active duty Reserve officers who are participating in the Academy and Civil Air Patrol Liaison Programs. Related DoD Occupational Group: 290500.

18. 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.

19. 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 unprogrammed 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.

20. 96V0 Unallotted. 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.

21. 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. 97E0 positions above wing level will be filled by AFPC using a nominative process while 97E0 positions at wing level and below will be filled internally to the wing. Related DoD Occupational Group: 270100.

Section III OFFICER SPECIAL EXPERIENCE IDENTIFIERS

★Introduction (Changed 31 Oct 09)

- 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. Submit requests to establish, delete, or revise SEIs according to instructions in paragraph 6.6 of AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*.
- 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 Removal](#). 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.

Section III-A
ACTIVITY CODES AND DEFINITIONS
(Changed 31 Oct 09)

| AUTHORIZED CODE | DEFINITION |
|--|---|
| A Acquisition of Systems | Identifies officers who are directly or indirectly involved with the System Program Office concerned with the acquisition of Air Force systems. Officers are qualified for this activity code through all phases of system life, from initial development of an approved system through the actual point where that system is turned over to the user and the logistics supporting system have been developed and are operational. |
| B Technical Acquisition of Systems | Identifies officers who are directly or indirectly involved in the technical aspects of the acquisition of Air Force systems. Officers are qualified for the activity code through all phases of the system life, from initial development of a system through the actual point where the system is turned over to the user and the logistics supporting the system have been deployed and are operational. To qualify for award of any SEI formed with this activity code,, officer must possess an academic degree in engineering, physical science, or mathematics or be a military academy graduate. Technical experience and nondegree-earning courses may be substituted for the formal academic degree requirement based on supervisor's recommendation and AFMPC resource manager approval. |
| C Computer Systems | Identifies officers who are associated with research, design, development, or application or modification actions on computer hardware and software systems. These computer systems can range from the large multipurpose computers in the Air Force inventory to small single-purpose computers and software associated with a particular weapon system. |
| E Engineering | Identifies officers involved in research, design, development, installation, modification, and associated engineering testing of Air Force system. |
| H Health | Identifies officers involved in providing direct health care and health care planning or related activities. Includes officers involved in medically related portions of research and development programs. |
| I Security | Identifies officers whose prime concern is ensuring that the mission of the Air Force is not compromised by any activity, organization, or operation in which the Air Force or others might have involvement. Included are officers concerned with security of computer systems, encoding procedures, and analysis of the activities and systems of foreign nations. |
| J International Skills | Identifies officers with any combination of expertise/experience with international affairs/relations, foreign policy, political-military affairs, cultural expertise, regional affairs, and/or foreign language capability. |
| L Logistics | Identifies officers involved in the purchase, storage, movement, distribution, maintenance, evacuation, and disposition of materiel. This code includes those officers who plan for and analyze the total logistics support required for accomplishment of the mission. |
| M Maintenance | Identifies officers involved in maintenance of Air Force systems. They are involved in the real time planning, directing, and control of maintenance performed on in-use equipment. |
| O Operations | This activity code identifies officers directly involved in the employment of weapon and supporting systems to accomplish the primary operational mission of the Air Force. Officers may be designated this activity code if they are flying, controlling, directing, launching aircraft or missiles, or planning, controlling, or employing Information Operations (IO). The operations activity code will also apply to officers serving in staff or commander positions associated with these activities. |

**AUTHORIZED
CODE****DEFINITION**

| | |
|---|--|
| <p style="text-align: center;">★P Force Support</p> | <p>Identifies officers involved in Total Force support operations across the A1 enterprise. This code encompasses organizational design and development, manpower programming and allocation; workforce planning and requirements; force management to include assignment, classification, and education and training; performance management for both individuals and organizations; program management including finance, budgeting and Airman support; force readiness providing family development, Morale, Welfare and Recreation services, and other force support operations.</p> |
| <p style="text-align: center;">R Research</p> | <p>Identifies officers whose primary function is to know and apply technologies and to further develop these activities beyond the current state of the art. Officers under this code are working on the edge of technological knowledge, seeking breakthroughs to new frontiers that may be of potential usefulness to the Air Force. They may be physically involved in the research itself, or they may manage the work of others, including civilian researchers.</p> |
| <p style="text-align: center;">S Strategic Analysis</p> | <p>Identifies officers who are involved in long-range planning and analysis for future Air Force operational force structures. Individuals working in this arena are concerned with required operational capabilities, force and mix analysis, arms control and arms limitation doctrines, future capabilities in regard to the overall Air Force operational mission, and analysis of ancillary equipment required to meet the future needs of the service. Strategic, in the sense intended here, refers to long-range, both in time and in the mission itself</p> |
| <p style="text-align: center;">T Tactical Analysis</p> | <p>Identifies officers who work in the planning, programming, and analysis of short-range, minimum-time operations. This code applies to those who analyze the results of past Air Force actions with an anticipation of future benefit to the Air Force.</p> |
| <p style="text-align: center;">W Testing</p> | <p>Identifies officers at the field or staff level who are involved with the testing for acceptance or operability of Air Force systems.</p> |
| <p style="text-align: center;">X Planning Programming, Budgeting</p> | <p>Identifies officers involved in Planning, Programming, Budgeting activities at any level in the Air Force.</p> |
| <p style="text-align: center;">Y Not Applicable</p> | <p>Utilized to complete the three-character alphanumeric SEI when the Experience Set describes the total desired experience.</p> |

Section III-B
EXPERIENCE SETS AND EXPLANATIONS
(Changed 31 Jan 10)

AIRCRAFT AND RELATED EXPERIENCE SETS

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| AA | T-38 | Requires 12 consecutive months of experience with the aircraft (10 consecutive months of experience for individuals serving 12-month short tour areas). |
| AE | F-105 | |
| AF | F-4 | |
| AG | F-111 | |
| AH | F-5 | |
| AI | F-16 | |
| AJ | F-117 | |
| AK | A-7 | |
| AM | F-15 | |
| AN | A-10 | |
| AP | AWACS AWO/WC | |
| AQ | AWACS ECO/PC | |
| AR | AWACS ASO/SC | |
| AS | AWACS SD/FA | |
| AT | AWACS MCC/MC | |
| AU | JSTARS AWO | Requires successful flight evaluation for applicable crew positions IAW AFI 11-2E-8, Vol 2, E-8 Aircrew Evaluation Criteria. |
| AW | JSTARS SMO | |
| AX | JSTARS SD | |
| AY | JSTARS MCC | |
| AZ | CRC AWO | |
| A1 | CRC ASO | |
| A2 | CRC SD | |
| A3 | CRC MCC | |
| A4 | AIR DEFENSE AWO | Requires successful evaluation for applicable crew positions IAW AFI 13-1AD, Vol 2, Ground Command and Control Systems Standardization/Evaluation Program—Region/Sector Air Operations Center Evaluation Criteria. |
| A5 | AIR DEFENSE ASO | |
| A6 | AIR DEFENSE SD | |
| A7 | AIR DEFENSE MCC | |
| A8 | ABM Weapons Instructor Course (ABM WIC) Graduate | Requires graduation from the ABM Weapons Instructor Course. |
| A9 | USN E-2 EXCHANGE OFFICER | Requires assignment as E-2 exchange officer and successful flight evaluation and qualification as E-2 Naval Flight Officer. |
| BA | B-2 | Requires 12 consecutive months of experience with the aircraft (10 consecutive months of experience for individuals serving 12-month short tour areas). |
| BH | B-1 | |
| BI | B-52 | |
| BK | U-2 | |
| BL | SR-71 | |
| BS | E-3A/B (AWACS) | |
| BT | E-4A/B (AABNCP) | |
| BU | Intelligence Sensor Weapons Instructor Course (ISWIC) | |
| BW | Intelligence Weapons Instructor Course (IWIC) | Requires graduation from the Intelligence Weapons Instructor Course (IWIC). |
| BX | C-135/137 | Requires 12 consecutive months of experience with the aircraft (10 consecutive months of experience for individuals serving 12-month short tour areas). |
| B1 | C-141 | |

| EXP SET | TITLE | EXPLANATION |
|---------|--|--|
| B3 | C-5 | Requires 12 consecutive months of experience with the aircraft (10 consecutive months of experience for individuals serving 12-month short tour areas). |
| B4 | KC-10 | |
| B6 | Flight Commander and Flight Commander Primary Crew Members | Requires 2 months of experience as a flight commander or flight commander primary crew member assigned to a key management or supervisory position in an operational flying or strategic missile squadron. May be designated on assignment to duties by recommendation of the squadron commander. |
| B7 | Training Flight Instructor | Requires 2 months in a training flight instructor position. May be designated on assignment to duties by recommendation of the commander. |
| B8 | Receiver-Aerial Refueling Qualified | Requires transition/operational training and certification of receiver-aerial refueling qualification by appropriate Operations authority. |
| B9 | SAR RESCORT Qualified | Requires completion of the formal SAR RESCORT training course or completion of the SAR RESCORT training syllabus or a minimum of 6 consecutive months of experience on a SAR RESCORT designated SEA mission. |
| B0 | Developmental Testing and Evaluation Navigator | Requires graduation from Test Navigator training at USAF Test Pilot School and a minimum of 6 months of experience as a Developmental Testing and Evaluation Navigator. |
| CA | Glide Bomb Unit (GBU) | Requires completion of formal training course or local in-unit upgrade in accordance with appropriate training syllabus and a training certificate signed by the unit commander or his designated representative. |
| CB | ACEVAL/AIMVAL | Requires previous participation in an ACEVAL/AIMVAL exercise as an aircrew member or staff officer. |
| CC | Production Activities in TAF Aircraft Maintenance COMO Units | Requires 12 consecutive months of experience in production activities of tactical aircraft maintenance organizations under the Combat Oriented Maintenance Organization (COMO) concept. Includes managing and supervising functions of the Deputy Commander for Maintenance staff, Equipment Maintenance Squadrons, Component Repair Squadrons, or Aircraft Generation Squadrons. This experience set is authorized for use with AFSCs 21AX |
| CD | C-130B/E | Requires 12 consecutive months of experience with the aircraft (10 months of consecutive experience for individuals serving in 12 month short tour areas.) |
| CE | Air Surveillance Officer | Requires graduation from formal training course E30ZR1741-002, Air Weapons Director (Air Surveillance), PDS code VCG. Also, requires officer to be functioning in mission-ready or operational-ready status in air surveillance officer or sensor system manager duty in AWACS, in any mobile tactical air control radar system, or in a fixed air defense command and control facility; or be functioning in electronic countermeasure-related duties; or have duty history as an air surveillance officer or electronic countermeasures staff officer. |
| CF | Night Vision Goggle (NVG) Operations | Requires completion of transition/operational training and certification of qualification by appropriate operations authority. |
| CG | Air Base Operability (ABO) Operations | Requires completion of formal course G30ZR0516-007, Air Base Operability (PDS code M4Q), 12 months of experience while assigned as a wing/ base disaster preparedness or ABO officer, and supervisor's recommendation. |
| CH | Airfield Management | Requires 12 months of experience in airfield management duties and supervisor's recommendation. |
| CJ | Tactical Deception | Requires completion of course MAWC500 Combined Air Warfare Course (PDS code UWB), 12 months of experience while assigned as unit tactical deception officer, and supervisor's recommendations. |
| CK | Combat Airspace Manager | Requires completion of courses TAC228550 (PDS code ZEN) and TAC228555 (PDS code 9TH), or ACC Joint Aerospace Command and Control Course, JAC2C, (PDS Code 77L), participation in one Joint Chiefs of Staff exercise with combat airspace management employment, and commander's recommendation. |
| CU | UH-1, Other | Requires 12 consecutive months of experience with the aircraft (10 months of consecutive experience for individuals serving in 12 month short tour areas). |
| CY | CH-53 | |
| CZ | HH-53 | |

| EXP SET | TITLE | EXPLANATION |
|---------|--|--|
| C1 | Maintenance Officer Manning Enhancement Program | Requires selection for the Maintenance Officer Manning Enhancement Program (a joint MAJCOM/AFPC formal program) completion of the Accelerated Aircraft Maintenance Officer Course in residence, and 12 months of experience in aircraft maintenance duties. This experience set will only be used with activity code M. |
| C2 | Career Trainer | Designation approval based on selection by board convened at HQ AETC. |
| C3 | Joint/Component Staff Augmentee | Requires satisfactory performance in key commander/staff positions during joint exercises or actual field operations, certified by a senior exercise official. |
| C4 | PAVE SPIKE | Requires completion of a formal training course or local in-unit upgrade in accordance with appropriate training syllabus and a training certificate signed by the unit commander or his designated representative. |
| C5 | PAVE TACK | |
| C6 | PAVEWAY I/PAVE KNIFE | |
| C7 | F-15 | Requires 6 consecutive months of experience in the F-15 aircraft and previous experience and training in air-to-air techniques. |
| C8 | Special Operations Staff Augmentee | Requires special operations practical experience as a commander/staff officer at component or unified command level during a joint exercise or actual field operation. (Individuals designated C8 will not be designated C9.) |
| C9 | Special Operations Staff Officer | Requires knowledge of the capabilities and limitations of special operations aircraft and equipment and special operations techniques of employment and doctrine. A through grasp of training techniques is mandatory. Requires a minimum of 12 months of experience in a special operations staff assignment or 6 months of experience in a special operations staff assignment and completion of one of the following courses: Psychological Operations, Foreign Internal Defense, or Unconventional Warfare. (Individuals designated C9 will not be designated C8.) |
| C0 | Red Flag | Requires completion of participation in a Red Flag combat readiness exercise in an aircrew capacity. |
| DE | C-12 | Requires 12 consecutive months of experience with aircraft (10 consecutive months of experience for individuals serving in 12-month short tour areas). |
| D2 | OV-10 | |
| D3 | Aggressor Qualified | |
| EA | Mid Air Recovery System (MARS) | Requires completion of transition/operational training, certification of MARS qualification by appropriate Operations authority, and 3 months of operational experience. |
| EB | Surface Recovery Operations | Requires completion of transition/operational training, certification of surface recovery qualification by appropriate Operations authority, and 3 months of operational experience. |
| EC | Night Recovery System (NRS) | Requires completion of transition/operational training, certification of NRS qualification by appropriate Operations authority, and 3 months of operational experience. |
| ED | Central NOTAM Facility | Requires 12 consecutive months of experience in a CNF and certification by supervisor. |
| EE | Single Integrated Operations Plans (SIOP) Experience | Experience must be a numbered Air Force level or higher. |
| EF | Revolutionary Warfare | Requires completion of Revolutionary Warfare course, MAC 156000 (PDS code LZP), and a minimum of 6 months of experience in a special operations unit or other unit tasked with an unconventional warfare mission or in a staff position involving duties in direct support of unconventional warfare. Individuals possessing a minimum of 12 months of experience in special operations may qualify without completion of formal training. Individuals designated experience set EF normally should not be designated EH based on the same experience/duties. |
| EG | Psychological Operations | Requires completion of the USAF Psychological Operations Course and 6 months of experience in a staff position involving duties in direct support of psychological operations; or completion of the US Army Psychological Operations Officer Course. |

| EXP SET | TITLE | EXPLANATION |
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| EH | Foreign Internal Defense or Civic Action | Requires knowledge of Foreign Internal Defense (FID) mission and doctrine, special operations techniques of employment and capabilities and limitations of special operation aviation-FID resources; a minimum of 12 months of experience in a FID operational unit or a special operations staff position involving direct support of FID operations; completion of course AFSOC 158002 (PDS code WA7) and one of the following courses: AFSOC 142002 (PDS code 4ST), AFSOC 145002 (PDS code TN3), AFSOC 146002 (PDS code X9C), AFSOC 151002 (PDS code 86Y), AFSOC 152002 (PDS code 98V), AFSOC 156002 (PDS code LZP), SAM-CO (PDS code 9AZ) or SAM-O (PDS code 1GG); and recommendation by HQ AFSOC. <i>NOTE:</i> HQ AFSOC recommendation will be based on evaluation of member's experience by HQ AFSOC/DOOD. |
| EI | All Weather Recovery System (PAVE LOW) | Two years of direct OT&E experience with at least 1 year's experience in one of the following OT&E areas: (1) test design, (2) test analysis/evaluation, (3) data reduction, (4) data analysis, (5) test conduct, or (6) test report writing. |
| EK | Joint Operation Planning and Execution System (JOPES) Automated Data Processing (ADP) Management | Requires (1) knowledge of USAF War and Mobilization Plans Volumes I, III, and IV procedures described in AFMAN 10-401, Operation Plan and Concept Plan Development, JOPES Volumes I and II; (2) knowledge of JOPES ADP modules used to manipulate and analyze OPLAN data; (3) completion of the Contingency Wartime Planning Course and JOPES course, and (4) 12 months of experience in deliberate and crisis action planning and Global Command and Control Systems concepts. |
| EM | Contingency Operation/Mobility Planning and Execution System (COMPES) Management | Requires (1) knowledge of COMPES modules used in inputting, extracting, manipulating, and analyzing OPLAN data; (2) completion of the Contingency Wartime Planning Course, and (3) 12 months of experience at major command or wing level in deliberate and crisis action planning. |
| EN | BLUE FLAG (Korean) | Requires completion of participation in a BLUE FLAG combat readiness exercise in the applicable scenario. |
| EO | BLUE FLAG (Contingency) | |
| EP | COPE THUNDER | Requires completion of participation in a COPE THUNDER combat readiness exercise. |
| EQ | BLUE FLAG (Northern Region) | Requires completion of participation in a BLUE FLAG combat readiness exercise in the applicable region NATO scenario. |
| ER | BLUE FLAG (Central Region) | |
| ES | BLUE FLAG (Southern Region) | |
| ET | Weapons Safety (Explosives and Nuclear) | Requires completion of Weapons Safety Officer Course (G30ZR4054X) or 6 months of consecutive experience in explosives and/or nuclear weapons safety functions. |
| EU | German Air Defense Ground Environment (GEADGE) | Requires 120 days of experience in GEADGE positions and certification as combat ready by the supervisor. |
| EV | SAC Instrument Flight Course (SIFC) | Requires completion of the SAC Instrument Flight Course. |
| EW | Worldwide Military Command and Control System (WWMCCS) Intercomputer Network (WIN) Operator | Requires (1) knowledge of WIN operations; (2) completion of the WIN course; and (3) 6 months of experience at major command, numbered Air Force, field operating agency, or wing WIN operations. |
| EX | Electronic Combat Coordinator | Requires completion of course S-V8E-S, Electronic Combat Coordinator (ECC), 6 years of flying experience, 6 months of experience as an ECC, and commander or supervisor recommendation. |
| EY | Stage Crew Manager | Requires completion of Air Mobility Command & Stage Crew Management Training course. |

| EXP SET | TITLE | EXPLANATION |
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| EZ | HQ/MAJCOM Time Phase Force Deployment Data (TPFDD) Analyst | Award requires (1) 12 months of experience in deliberate and crisis action planning; (2) knowledge of USAF War and Mobilization Plans Volumes I, III, IV, and V procedures described in AFMAN 10-401, VI CJCSM 3122.01 and 03 and JOPEs Vols I & II; (3) ability to use JOPEs ADP to write TFPDD or manipulate and analyze OPLAN data; (4) completion of the Contingency Wartime Planning and Joint Operation Planning and Execution System User Course (Basic). |
| E1 | Deliberate and Crisis Action Planning Execution Segments Automated Data Processing (DCAPES ADP) Analyst | Award Requires: (1) completion of Deliberate and Crisis Action Planning and Execution Segments End User Course (Basic); (2) thorough knowledge of USAF War and Mobilization Plans, Volumes I, III, and IV procedures described in AFMAN 10-401, Operation Plan and Concept Plan Development, and JOPEs Vols I thru IV; (3) completion of the Contingency Wartime Planning Course; (4) 12 months of experience at MAJCOM or wing level in deliberate and crisis action planning; and (5) 12 months of experience as an analyst and minimum of 12 months experience with JOPEs software. |
| E2 | Pacific SAC ADVON | Requires recommendation and certification by HQ SAC/DOOC. |
| E3 | European SAC ADVON | Requires recommendation and certification by HQ SAC/DOOC. |
| E4 | Southwest Asia SAC ADVON | |
| E5 | Atlantic SAC ADVON | |
| E6 | Theater Battle Management (TBM) | Requires (1) knowledge of TBM command and control system (i.e., CTAPS); (2) completion of the Contingency Wartime Planning Course or Joint Doctrine Air Campaign Course, and (3) 6 months of experience in TBM duties. |
| MEDICAL EXPERIENCE SETS | | |
| FA | Aeromedical Staging | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FB | Special Care Unit | Requires 12 consecutive months of experience in a Special Care Unit (SCU) (either multipurpose, medical, surgical, or combinations thereof) designated for the intensive nursing care of critically ill adult and/or pediatric patients. Experience in a unit classified as close observation room is not creditable. Requires recommendation by immediate supervisor and approval of Chief Nurse. Nurse officers with equivalent preservice experience are eligible after 6 consecutive months of active duty experience. |
| FC | Chief of Hospital Services/ MAJCOM Chief of Professional Services | Requires 12 months of experience, either primary or additional duty, as Chief of Hospital Services or MAJCOM Chief of Professional Services; and recommendation of supervisor. |
| FD | Health Facilities Officer | Requires 12 months of experience while assigned to a medical organization with duties exclusively devoted to health facilities planning activities in support of a major construction effort (MCP), or 24 months of experience while assigned to a medical organization with at least 33% of the duties of the entire period devoted to coordinating activities in support of an extensive construction program. |
| FE | Research | Requires 12 consecutive months of experience in the respective medical specialty and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FF | Biomedical Equipment Maintenance | Requires completion of an Air Force biomedical equipment maintenance course or equivalent (as determined by the Surgeon General, USAF). |

| EXP SET | TITLE | EXPLANATION |
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| FG | Health Systems Analyst | Requires 12 months of experience in functional area supported by an ADP System (experience must be in system design, analysis, or management of ADP system) or 12 months of experience in a staff (MAJCOM or higher) position where primary duty is management of systems analysis or design of automated systems; or completion of one of the following educational programs: bachelor's or master's degree in computer science or informational systems science; 5-week AETC Computer System Analysis and Design Course; Education with Industry (EWI) tour in systems analysis; completion of the Medical Information Internship Program. |
| FH | Pediatric Nursing | Requires 12 consecutive months of experience, recommendation by immediate supervisor, and approval of Chief Nurse. Nurse officers with equivalent preservice experience are eligible after 6 consecutive months of active duty experience. |
| FI | Public Health | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FJ | Primary Care Clinic | Requires 12 consecutive months of experience, recommendation by immediate supervisor, and approval of Chief Nurse. |
| FK | Director, Ambulatory Services | Requires 12 months of experience as a Director of Ambulatory Services. |
| FL | Aeromedical Evacuation | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FM | Hyperbaric Nursing | Requires successful completion of Hyperbaric course at USAFSAM and four therapeutic dives. |
| FN | Base Dental Surgeon | Requires a minimum of 24 months as Base Dental Surgeon at a base or facility having four or more dental officers. |
| FO | Medical Materiel | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FS | Renal Dialysis | Requires 12 consecutive months of experience, recommendation by immediate supervisor, and approval of Chief Nurse. Nurse officers with equivalent preservice experience are eligible after 6 consecutive months of active duty experience. |
| FT | Health Promotion Manager (Created 30 Apr 99) | Requires completion of the Cooper Institute for Aerobics Research Health Promotion Director certification course, 12 months of experience in a health promotion manager position, and commander's recommendation. |
| FU | Inhalation Therapy | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FW | Infection Control/Nurse Epidemiologist | Requires 12 months of experience and recommendation by Chief Nurse. |
| FX | Oncology | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| FZ | Medical Operations | Requires 24 months of experience in a Plans and Operations function involved in contingency planning at MAJCOM, USAF, Unified Command, or Joint Staff level. Completion of Armed Forces Staff College may be substituted for 12 months of experience. |
| F1 | Quality Assurance Coordinator | Requires 12 months of experience as a Quality Assurance Coordinator and recommendation of Director, Base Medical Services. (For use with Activity Code H). |

| EXP SET | TITLE | EXPLANATION |
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| F2 | Social Health Insurance Systems Manager | Requires 24 months of experience in government health programs such as CHAMPUS, VA, CHAMPVA, Medicare, Medicaid, and FEHBP. Completion of master's level graduate education or post-graduate doctoral level education where the major area of concentration related to study of third party reimbursement systems or one of the Federal health programs may be substituted for 12 months of experience. |
| F3 | Medical Air Reserve Forces | Requires 12 consecutive months of experience and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| F4 | Recruiting | Requires 12 months of experience in medical recruiting and recommendation by supervisor. Time spent in courses recognized by the Surgeon General, USAF, may be counted as experience. |
| F5 | Health Promotion Coordinator | Requires 12 months of experience in health promotion coordinator duties. |
| F6 | Emergency Department/ Services | Requires 12 months of consecutive experience in level I or II emergency services. Recommendation by immediate supervisor; and for nurses, by the chief nurse. Nurse officers with equivalent preservice experience are eligible after 6 consecutive months of active duty experience. |
| F7 | Charge Nurse | Requires 12 months of consecutive experience as a charge nurse at a USAF medical facility and recommendation by immediate supervisor and chief nurse. AFSC 46AX positions are not to be identified by this SEL. |
| F8 | General Dental Officer-Clinical Specialist | Requires 10 months of formal dental education in the form of clinical rotation under the supervision of board certified or qualified specialists. Designation approval based on AFPC evaluation of experience. Officers should submit appropriate Air Force certification of training through the base and MAJCOM Dental Surgeon to HQ AFPC/SGED. |
| F9 | Advanced Trauma Life Support (ATLS) Qualified Instructor | Requires completion of an advanced trauma life support instructor course. |
| F0 | Air Transportable Hospital | Requires 24 months of consecutive experience through an assignment at an Air Transportable Hospital (ATH) that deploys at least twice annually and a recommendation from immediate supervisor and approval of the chief nurse. |

| EXP SET | TITLE | EXPLANATION |
|-----------------------------|--|---|
| AIRCRAFT MAINTENANCE | | |
| GA | Senior Level Maintenance Certification | <p>Designation requires 6 years (72 months) duty performance in the core AFSC; duty in any one of the following duty positions: maintenance supervisor, commander, aircraft maintenance unit commander, maintenance operations flight, depot maintenance staff officer, or MAJCOM staff officer; completion of the education and training requirements specified in the CFETP, and commander's recommendation.</p> <p>NOTE 1: Officers who formally enter maintenance crossflow are exempt from the requirement to have 6 years of duty performance in the core AFSC.</p> <p>NOTE 2: The maintenance officer CFETP identifies education and training requirements for award of the senior certification as completion of three of the following courses:</p> <p>Exception: An AFIT degree satisfies all education and training requirements.</p> <ol style="list-style-type: none"> (1) WCIP05A, Aircraft Mishap Investigation Course (PDS code PZW) or, (2) J3AZR2A671A 001, Jet Engine Mishap Investigation, (PDS code B8Y) or, (3) WLOG199, Introduction to Logistics, (PDS code WR7), or (4) WLOG032, Reliability Centered Maintenance Analysis, (PDS code 0GP) or, (5) WLOG131, Industrial Maintenance Management, (PDS code EBB) or, (6) WLOG262, Applied Maintenance Management Concepts, (PDS code WW6) or, (7) WLOG299, Combat Logistics, Combat Weapons Planners Course, (PDS code 1L4), or (8) DAU LOG101, Acquisitions Logistics Fundamentals, (PDS code JR1) or, (9) DAU ACQ101, Fundamentals of Systems Acquisition Management (PDS code BU5) or, (10) MCADRE002, Contingency Wartime Planning Course, (PDS code 82U). |
| GB | Master Level Maintenance Certification | <p>Designation requires 9 years (108 months) duty performance in the core AFSC; duty in any two of the following duty positions: Command or Staff, depot acquisition, joint logistics duty, 20C0 (deputy maintenance group commander), maintenance supervisor AMOC/MMC instructor, or crossflow in another logistics (21R) discipline; completion of the education and training requirements specified in the CFETP, and commander's recommendation.</p> <p>NOTE: The maintenance officer CFETP identifies education and training requirements for award of the master certification as completion of any one of the following courses:</p> <ol style="list-style-type: none"> (1) WLOG260, Fundamentals of Supplying an Expeditionary Aerospace Force, (PDS code EMT) or, (2) WLOG399, Strategic Logistics Management, (PDS code JBH), or (3) WLOG499, Logistics Executive Development Seminar (AF, (PDS code JBJ) or, (4) DAU LOG203, Reliability and Maintainability, (PDS code AKA) or, (5) DAU LOG204, Configuration Management, (PDS code QMB) or, (6) DAU LOG205, Provisioning, (PDS code QM7). |

| EXP SET | TITLE | EXPLANATION |
|--------------------------------------|--|---|
| MISCELLANEOUS EXPERIENCE SETS | | |
| HA | Joint Special Operations Experience | Completion of 24 months assigned to PAS Codes: PV3DFBH4, PV3DFF24, or PV3DF3YV, PV3DFFXN, or PV3DFFX3 |
| HB | Joint Special Operations Task Force Experience | Completion of the Staff Integration Seminar at Fort Bragg NC. Assigned/Attached to a Joint Special Ops Task Force for a minimum of 120 days |
| ★HC | Collateral Duty Mediator Level I Certification | Requires (1) successful completion of formal training course MAFHRMS 126, Basic Mediation Course (PDS Code NBI), or a comparable course of instruction consisting of a minimum 30 hours in the classroom that teaches the facilitative model of mediation, (2) experience in a minimum of three co-mediations or mediation mentoring sessions in actual Air Force workplace disputes, each under the guidance of an experienced mediator, who provides feedback, a written evaluation, and recommendation for certification. The evaluating mediator must either be certified under these Guidelines at Level II or higher, or must be waived by SAF/GCD from the certification requirement, (3) recommendation for certification by the installation ADR (alternative dispute resolution) Champion, accompanied by the written evaluations, (4) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set. |
| ★HD | Collateral Duty Mediator Level II Certification | Requires (1) successful completion of all Level I certification requirements, (2) experience in a minimum of 20 career solo mediations, at least 15 of which occurred in Air Force workplace disputes, and at least 8 of which occurred in the two years preceding the application for certification, (3) recommendation for certification by the installation or MAJCOM ADR (alternative dispute resolution) Champion, (4) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set. |
| ★HE | Collateral Duty Mediator Level III Certification | Requires (1) successful completion of all Level I and Level II certification requirements, (2) successful completion of formal training course MAFHRMS 127, Advanced Mediation Course (PDS Code I2H), (3) experience in a minimum of 75 career mediations in which the applicant was the sole or, in the case of co-mediations, the principal or mentoring mediator, with a demonstrated resolution (settlement) rate of 70% or better. At least half of the mediations claimed for this requirement must have been in Air Force workplace disputes. To meet this requirement, the applicant may include non-mediation facilitative ADR (alternative dispute resolution) proceedings in which he or she served as a third party neutral, so long as such proceedings are specifically described and account for no more than one-fourth (25%) of the total career mediations claimed, (4) recommendation for Level III by the installation ADR Champion, with concurrence by the MAJCOM ADR Champion, (5) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set. |

| EXP SET | TITLE | EXPLANATION |
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| ★HF | Collateral Duty Mediator Level IV Certification | Requires (1) successful completion of all Level I, Level II and Level III certification requirements, (2) experience in a minimum of 150 career mediations, in which the applicant was the sole or, in the case of co-mediators, the principal or mentoring mediator, with a demonstrated resolution (settlement) rate of 75% or better. At least half of the mediations claimed for this requirement must have been in Air Force workplace disputes. To meet this requirement, the applicant may include non-mediation facilitative ADR (alternative dispute resolution) proceedings in which he or she served as a third party neutral, so long as such proceedings are specifically described and account for no more than one-fourth (25%) of the total career mediations claimed, (3) recommendation for Level IV by the installation and MAJCOM ADR Champion, (4) certification by the Deputy General Counsel for Dispute Resolution, SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set. |
| INTERNATIONAL SKILLS | | |
| IB | Regional Experience, Eurasia | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Eurasia, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Georgia to work with the Georgian maintenance staff but knows very little about Georgia). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IC | Regional Experience, Latin America (LATAM) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Latin America, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Argentina to work with the Argentine Air Force maintenance staff but knows very little about Argentina). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| ID | Regional Experience, Northeast Asia (NEA) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Northeast Asia, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Japan to work with the Japanese Air Force maintenance staff but knows very little about Japan). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |

| EXP SET | TITLE | EXPLANATION |
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| IE | Regional Experience, Southeast Asia (SEA) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Southeast Asia, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Singapore to work with the Singaporean Air Force maintenance staff but knows very little about Singapore). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IF | Regional Experience, Middle East/North Africa (MENA) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Middle East/North Africa, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Saudi Arabia to work with the Saudi Arabian Air Force maintenance staff but knows very little about Saudi Arabia). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IG | Regional Experience, Sub-Saharan Africa (SSA) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Sub-Saharan Africa, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Ethiopia to work with the Ethiopian Air Force maintenance staff but knows very little about Ethiopia). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IH | Regional Experience, Europe | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of Europe, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Norway to work with the Norwegian Air Force maintenance staff but knows very little about Norway). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |

| EXP SET | TITLE | EXPLANATION |
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| IJ | Regional Experience, South Asia (SA) | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of South Asia, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to Afghanistan to work with the Afghan Air Force maintenance staff but knows very little about Afghanistan). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IK | Regional Experience, China | Requires 6 months or more cumulative experience living and/or working in one or more of the countries of China, a region defined in AFI 16-109, with significant interaction with host nation nationals. Knowledge comes from a combination of education/military experience, area studies, in-country assignments, travel, and specialized professional experience. Shows beginning ability to research and write summaries of events but has limited ability to explain why the events are significant. Has some level of proficiency related to a job that has relevance to a country, region, or issue, but has very limited knowledge about the country, region, or issue (e.g., an Air Force maintenance officer who goes to China to work with the Chinese Air Force maintenance staff but knows very little about China). Has a basic survival-level understanding of the culture(s) and may have equally basic communication skills in the predominant language(s). |
| IL | Certified RAS, Non-Deliberately Developed, Level 1 | Fully-certified Regional Affairs Strategist (RAS) who has 6 months to 2 years of experience working in an area of specialization or focused on a country or region at least 50 percent of the time. Has a basic understanding of the region or country. May possess in-depth knowledge that is narrowly defined within a region. Knowledge comes from a combination of education, military experience, area studies courses, in-country assignments, travel, and other educational or professional experience. Has DLPT level 2/2 or higher proficiency in at least one of the languages spoken in the country or region, as regions and languages are defined in AFI 16-109. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IM | Certified RAS, Non-Deliberately Developed, Level 2 | Fully-certified Regional Affairs Strategist (RAS) with 2 to 4 years of experience working in an area of specialization or focused on a country or region at least 75 percent of the time. Viewed as a knowledgeable and valuable resource for issues and trends particular to a region or area of specialization. Demonstrates in-depth understanding of a specific subject area and directly related factors that affect or influence that area. Has enough knowledge of the area to make judgments about it and back them up with arguments. Writes and presents overviews or focused briefings based on area of specialization. Knowledge comes from a combination of education, military experience, area studies courses, in-country assignments, travel, mentoring, and specialized professional experience. Cultural experience reflects the knowledge of someone who has lived in a region or country for 1 year or more; has been immersed in the culture. Has DLPT level 2+/2+ or higher proficiency in at least one of the languages spoken in the country or region, as regions and languages are defined in AFI 16-109. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |

| EXP SET | TITLE | EXPLANATION |
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| IN | Certified RAS, Non-Deliberately Developed, Level 3 | Fully-certified Regional Affairs Strategist (RAS) with 4 to 7 years in a specialized area, in addition to general experience in a broader subject area. Has a deeper knowledge and understanding of most of the components of a region or country than many or even most natives of the country. Has experience initiating the development or drafting of requirements-related documents and takes the lead in responding to requirements levied by others. Has experience developing or drafting policy-related documents or providing major input to such documents. Has experience working directly with senior U.S. military officers or directly with senior U.S. country or regional policy officers on programs that significantly affect U.S. policy in a country or region. Routinely writes and delivers substantive briefings on aspects of the region or country. Knowledge comes from a combination of advanced graduate education, seminars, research, teaching, publishing, area studies courses, in-country assignments, travel, mentoring, and specialized professional experience. Cultural knowledge and experience allows the individual to blend easily in the culture. Has DLPT level 3/3 or higher proficiency in at least one of the languages spoken in the country or region, as regions and languages are defined in AFI 16-109. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IP | Certified RAS, Deliberately Developed, Level 1 | Fully-certified Regional Affairs Strategist (RAS) who has completed the 16F (RAS) deliberate development program through the US Air Force International Affairs Specialist (IAS) Program. Qualifications for this level of experience are the same as the qualifications for level 1 non-deliberately developed RAS officers defined in experience set IL. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IQ | Certified RAS, Deliberately Developed, Level 2 | Fully-certified Regional Affairs Strategist (RAS) who has completed the 16F (RAS) deliberate development program through the US Air Force International Affairs Specialist (IAS) Program. Qualifications for this level of experience are the same as the qualifications for level 2 non-deliberately developed RAS officers defined in experience set IM. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IR | Certified RAS, Deliberately Developed, Level 3 | Fully-certified Regional Affairs Strategist (RAS) who has completed the 16F (RAS) deliberate development program through the US Air Force International Affairs Specialist (IAS) Program. Qualifications for this level of experience are the same as the qualifications for level 3 non-deliberately developed RAS officers defined in experience set IN. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IS | Political Affairs Strategist (PAS) | Political Affairs Strategist (PAS) in the US Air Force International Affairs Specialist (IAS) Program. Award of this code must be approved by SAF/IAPA, 1080 AF Pentagon, Washington DC 20330-1080, SAF_IAPA_IAS@pentagon.af.mil . |
| IT | Military Observer, Peacekeeping Operation | Requires (1) Hold the grade of 03 through 06, (2) Completed the predeployment training course administered by the U.S. Military Observers Group Washington (USMOG-W), and (3) Six months deployment in support of a United Nations peacekeeping operation. |
| LEGAL EXPERIENCE SETS | | |
| JA | Staff Judge Advocate | Advises the commander and staff on legal matters. Supervises activity of other judge advocates. Function is limited to the senior or designated judge advocate on the staff of the commander. Requires 6 consecutive months of experience and recommendation by supervisor. |

| EXP SET | TITLE | EXPLANATION |
|----------------|------------------------------------|---|
| JB | Area Defense Counsel | Acts as defense counsel for the accused in general, special, and summary courts-martial and in Article 32 (UCMJ) investigations, as appointed. Provides legal advice and representation in Article 15 (UCMJ) proceedings, separation actions, and administrative boards, as available. Serves as military legal advisor in foreign criminal cases. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JC | Circuit Counsel | Accomplishes pre-trial, trial, and post-trial matters incident to general and special courts-martial and other military justice activities. Function is limited to Circuit Counsel. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JD | Appellate Counsel | Activities involve preparation and filing of petitions and briefs before the US Court of Appeals for the Armed Forces, filing assignments of error and replies before the AF Court of Criminal Appeals, and oral argument before both courts. Function is limited to Appellate Defense Counsel and Appellate Government Counsel. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JE | Military Judge | Includes Appellate Military Judges on the AF Court of Criminal Appeals who review courts-martial pursuant to Article 66 of the Uniform Code of Military Justice (UCMJ) and the Commissioner. Also includes the Trial Judiciary Officer and the Special Courts-Martial Judiciary Officer who are responsible for the fair and orderly conduct of courts-martial and other proceedings. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JF | Military Justice Reviewing Officer | Supervises the administration of military justice. Reviews records of courts-martial and nonjudicial disciplinary proceedings and advises as to the appropriate action. Limited to positions at numbered air force levels exercising general courts-martial jurisdiction and above. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JG | Logistics Contract Law Specialist | Responsible for providing legal advice regarding the solicitation, award, and administration of contracts relating to logistical support and maintenance of weapons systems on a worldwide basis. Limited to logistics contract law specialists at HQ AFMC and at Air Logistics Centers. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JH | Systems Contract Law Specialist | Responsible for providing legal advice and support for all phases of the contracting process and associated activities involved in the research and development, test and evaluation, and acquisition of weapon systems and subsystems. Limited to positions at HQ AFMC activities, including positions in support of AFMC functions at other installations. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JI | General Contract Law Specialist | Includes positions at HQ USAF and MAJCOMs whose incumbents are responsible for support of contracts initiated at their command level, for establishing contracting policy and guidance, and for reviewing contract actions initiated at subordinate levels. Also includes contracting center and ASBCA judges and attorneys. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JJ | Civil Law Specialist | Activities involve legal advice, support, and supervision of various civil law programs, including legislation, tax, public utility, environmental, preventive law and legal assistance, patent, and civil law programs. Limited to positions at the numbered Air Force level and above. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JK | Administrative Law Specialist | Renders legal advice and opinions on questions arising from the interpretation of statutory law, regulations, and other directives. Responsible for providing legal review of and guidance for administrative proceedings wherein the rights, privileges, property, and status of personnel may be affected. Includes personnel law, fiscal law, forensic medicine law, transition, and conflict of interest. Limited to positions at numbered Air Force level and above. Requires 6 consecutive months of experience and recommendation by supervisor. |

| EXP SET | TITLE | EXPLANATION |
|----------------------------------|--|---|
| JL | Claims and Tort Law Specialist | Responsible for investigating, adjudicating, negotiating, paying, and collecting claims involving personal injury, death, or property damage filed both against and in favor of the Air Force under applicable claims statutes and implementing directives. Provides support, assistance, and legal consultation on cases litigated under the Federal Tort Claims Act. Limited to positions at numbered air force and above. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JM | Forensic Medicine Specialist/Physical Evaluation Board Counsel | Limited to those assigned to USAF Medical Centers and HQ USAF. Advises commander on legal administration of the Center; legality of professional actions, investigating, processing, and evaluating malpractice claims; instructing medical personnel in forensic medicine; and providing legal assistance. Also includes JA who represents personnel before the formal Physical Evaluation Board (PEB) and JA/PEB members. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JN | International Law Specialist | Advises on international law; and foreign domestic law, including the law of armed conflict, Geneva Convention, air and outer space law and the law of the sea. Responsible for foreign criminal trials involving Air Force personnel; civil litigation in foreign courts; negotiation, drafting, and collection of international agreements affecting the Air Force. Limited to positions at numbered Air Force and above. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JO | Labor Law Specialist | Provides legal advice and support, including representation, in labor management relations proceedings, disciplinary and adverse actions, and equal opportunity matters. Participates in the negotiation drafting and review of collective bargaining agreements. Limited to positions at numbered Air Force and above, training centers, and AFSC activities. Requires 6 consecutive months of experience and recommendation by supervisor. |
| JP | Lawyer Serving as Line Officer | Requires possession of the LLB or JD degree in Law issued by an accredited law school. |
| JQ | Environmental Law Specialist | Responsible for providing environmental legal advice and support to commanders, staff agencies, and technical specialists. Reviews and provides legal guidance for preparation of environmental assessments and statements and for permits and compliance requirements under Federal and state statutes and regulations. Assists in Air Force litigation involving environmental law questions. Limited to positions at numbered Air Force and above. Requires 6 consecutive months of experience and recommendation by supervisor |
| JR | Base Contract Specialist | Requires 6 months of experience in base level contract functions and successful completion of a basic contract course. |
| JS | Base Claims Specialist | Responsible for investigating adjudicating, negotiating, paying, and collecting claims involving personal injury, death, or property damage filed both against and in favor of the Air Force under applicable claims statutes and implementing directives. Limited to positions at base level. Requires either attendance at USAF Judge Advocate General's Claim & Tort Litigation course and 6 months of base-level claims experience or 12 months of base-level claims experience and recommendation by supervisor. |
| LOGISTICS EXPERIENCE SETS | | |
| KA | Manufacturing Planning | Assigned to a production or manufacturing functional office. Must have participated in review or evaluation of a contractor's manufacturing planning during either validation phase or full-scale development phase of the acquisition cycle or planning of a major modification program. Tasks monitored and reported on must include at least all of the following: facilities and equipment requirements, plant layout/work flow, make or buy studies, development of production schedules, productivity analysis, manufacturing methods, introduction of new manufacturing technology (materials and processes) and man-hour estimates. Time period for award: 24 months. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| KB | Manufacturing (Systems) | Pre-award, and post-award actions related to the contractor's ability to meet the contract terms and delivery schedule as required for the administration of contracts. |
| KC | Pricing Analyst | Responsible for contract price and cost analysis technique developments, and program evaluations pertaining to all phases of contract placement, modification, and contract completion in acquisition, fielding, and support of systems, subsystems, and equipment. Time period for award: 24 months. |
| KD | Contracting Officer | Pre-award, award, and post-award activities requiring the possession and exercise of a Contracting Officer's warrant. |
| KE | Administrative Contracting Officer (ACO) | Contact administration activities requiring the possession and exercise of an Administrative Contracting Officer's warrant. |
| KF | Base Contracting | Management, control, and accomplishment of the CONUS base contracting mission. This includes staff and supervisory position and Base Contracting Officer positions involving buying, contacting, CIAPs, and contract administration in the contacting of supplies, services, and construction for support of local operations. |
| KG | Contracting Overseas | Management, control, and accomplishment of the overseas base or regional contracting mission. |
| KH | Production (Central/Departmental) | Pre-award, award, and post-award actions related to the contractor's ability to meet contract terms and delivery schedules for contracting for subsystems or equipment in support of weapons systems. |
| KI | Quality Assurance | Control of the quality of material procured for the Air Force inventory. |
| KJ | Program Management Responsibility Transfer (PMRT) | Directly responsible for planning and implementing Program Management Responsibility Transfer for systems, sub-systems, or equipment from an implementing command to a supporting command. Time period for award: 18 months. |
| KK | Deputy Program Manager for Logistics | Twelve months of experience as Deputy Program Manager (DPML) or Logistics Manager in an Air Force Systems Command, Army, or Navy program or project office. |
| KL | Space Acquisition Logistics | Requires 12 months of experience in the formulation of advanced operational plans, concepts, and policies in support of space systems. |
| KQ | Airlift Contracting-Buying | Pre-award, award, and post-award contracting activities related to the solicitation, pricing, negotiation, award, and administration of contracts for the acquisition of commercial airlift capability which are in direct support of a warranted contracting officer. Requires 12 consecutive months of experience and recommendation by supervisor. |
| KR | Contract Termination | Actions related to contract terminations for convenience and default which require the possession and exercise of a contracting officer's warrant. Requires 12 consecutive months of experience and recommendation by supervisor. |
| KS | Contract Administration | Pre-award, award, and post-award activities not requiring possession and exercise of a contracting officer's warrant. |
| KT | Aerial Port Operations | Requires (1) completion of the basic logistics readiness officer (LRO) course and a minimum of 24 months working cargo or passenger air transportation systems, including aerial ports of embarkation and debarkation, en route aerial ports, air mobility squadrons (AMS), or combat mobility elements (CME), and (2) recommendation by unit commander and approval by group commander. |

| EXP SET | TITLE | EXPLANATION |
|----------------|--|--|
| KY | Fuels Management | Requires (1) completion of the basic Logistics Readiness Officer (LRO) course, (2) a minimum of 24 months of experience in fuels management functions such as environmental compliance; inventory management of ground and aviation fuels; determining provisions; computing and analyzing current and projected petroleum requirements; determining, establishing, and maintaining stock levels; fuel receipt from pipelines, trucks, rail cars, and marine vessels; fuel dispensing systems; bulk fuel storage facilities; cryogenics production and storage; and testing and evaluating fuels samples, (3) a minimum of 12 months as a Base Fuels Management Officer/Fuels Management Flight Commander and 12 months in any fuels officer position, and (4) recommendation by unit commander and approval by group commander. |
| LA | AF Logistics Officer Career Broadening Program | Performs duty in the logistics officer career broadening program as established by AFI 36-2111, <i>The Air Force Logistics Officer Career Broadening Program</i> . Time period for award: 24 months. |
| LB | AFMC International Logistics Training Program | Performs duty in the AFMC International Logistics Training Program. Time period of designation: 9 months. |
| LC | Explosive Ordnance Disposal (EOD) | Responsible for establishing procedures for detection, identification, rendering safe, recovery, and/or destruction of US and foreign munitions. Organizes and trains teams of munitions disposal experts. Involves field, staff, and staff responsibilities from squadron level through HAF. |
| LE | Maintenance Control | Supervises the maintenance staff function; responsible for directing maintenance production activities, authorizing the expenditure of resources, and controlling the actions required to support the mission per AFI 21-101, Maintenance Management of Aircraft. The Maintenance Control Officer manages the full cycle of production by planning, scheduling, directing, and controlling all maintenance on primary mission, mission support, and transient aerospace vehicles. |
| LF | Munitions Technical Escort | Requires completion of a specialized chemical munitions technical escort officer course. |
| LM | ALC Directorate of Materiel Management | Requires 1 year in performing or supervising Directorate of Materiel Management Activities. |
| LO | Logistics Composite Model | Requires 12 months of working level experience. |
| LS | Logistics Sustainment (Created 31 Oct 98) | Requires 24 consecutive months of experience in performing duties in a sustainment position. |

| EXP SET | TITLE | EXPLANATION |
|--------------------------------|---|---|
| MEDICAL EXPERIENCE SETS | | |
| MC | Special Operations Command Medical Officer | <p>Requires (1) Introduction to Special Operations course (AFSOC 155002), (2) Dynamics of International Terrorism (AFSOC 147002), (3) Joint Special Operations Medical Officer Orientation course, (4) SV- 80A Combat Survival Training (PDS: ERR) or B3AZYBLMD-000 Medical Survival SERE Training (PDS: SIM) and, (5) 24 months of experience in SOF medical position, and (6) HQ AFSOC/SG approval.</p> <p>Additionally, for AFSCs 41A3, award requires completion of (1) Joint Medical Readiness Planners course J5OZO4000-003 (PDS: XH6) (can be substituted with AF Contingency War Planners course), (2) Cross-Cultural Communications course (AFSOC 146002), (3) Joint Special Operations Planning Workshop (AFSOC 149002), (4) Theater specific course(s) offered by the USAF Special Operations School, or Theater Experience, (5) Emergency Medical Technician-Basic Training, and (6) Joint Special Operations Task Force course SOED-JSOTF (PDS: SOT).</p> <p>Additionally, for AFSCs 42G3, award requires completion of (1) Advanced Trauma & Cardiac Life Support courses, (2) Medical Management of Chemical/Biological Casualties course, (3) Joint Special Operations Medical Officer Orientation course, (4) Hyperbaric Training course B3OZY4HPT-000 (PDS: AYI) or equivalent, (5) USA or USAF Primary Flight Surgeon course, (6) Complete Underwater Egress, or equivalent, and (7) Military Tropical Medicine Course I B5OZYMTM 001 (PDS: 226) or equivalent.</p> <p>Additionally, for AFSCs 48X3, award requires completion of (1) Aircraft Mishap Investigation and Prevention B3OZY48G3-003 (PDS: IAE), (2) Military Tropical Medicine Course I B5OZYMTM-001(PDS: 226) or equivalent, (3) Medical Management of Chemical/Biological Casualties course, (4) Advanced Trauma & Cardiac Life Support courses, (5) Hyperbaric Training course B3OZY4HPT-000 (PDS: AYI) or equivalent, (6) attain Core Laser Safety Training, and (7) USAF Underwater Egress Training SV-84A (PDS: 69V) or equivalent.</p> |
| ME | Clinic or Academic Grand Master Llevel | <p>Requires: (1) Rank: lieutenant colonel (w/min. 3 years TIG) or colonel. (2) Min. 15 years' professional experience; 10 years must be from Active.</p> <p>Authorized for use with AFSCs 44XX, 45XX, 48XX.</p> <p>NOTE: Time spent in full-time residency or fellowship training can count toward the required professional experience. In addition, must be qualified to chair a large department or service at a major medical center. Must also have achieved the level of Associate Professor or higher, and/or achieved national prominence in their field. Attainment of a Full Faculty appointment contributes to the qualifications for this SEI.</p> |
| MF | Excellence in Clinical or Academic Teaching, Level II | <p>Requires: (1) Rank: major (w/3 years' TIG) or higher. (2) Board certified in primary specialty. (3) Min. 5 years' experience in area of specialization, post residency.</p> <p>Authorized for use with AFSCs 44XX, 45XX, 48XX.</p> <p>NOTE: Attainment of a Clinical Faculty appointment is desirable, but not required.</p> |

| EXP SET | TITLE | EXPLANATION |
|---|--|---|
| MG | Expert Acupuncturist, Level I | Requires: (1) Minimum 220 hours formal training in a certified medical acupuncture training program. (2) Minimum 2 years clinical experience in medical acupuncture (following completion of foundational training). Authorized for use with AFSCs 44XX, 45XX, 48XX. |
| MH | Master Acupuncturist, Level II | Requires: (1) Board Certification in Medical Acupuncture. (2) Minimum 5 years clinical experience in medical acupuncture (following completion of foundational training). Authorized for use with AFSCs 44XX, 45XX, 48XX. |
| WEATHER EXPERIENCE SETS | | |
| N2 | Special Operations Weather Team | Requires 6 consecutive months of experience and supervisor's recommendation. |
| SPECIALIZED SYSTEMS/MISSILES EXPERIENCE SETS | | |
| PN | LGM-25C | Requires 6 consecutive months of experience with Titan II. |
| PO | WS-133A | Requires 6 consecutive months of experience with Minuteman I. |
| PP | WS-133B | Requires 6 consecutive months of experience with Minuteman II, III. |
| PQ | WS-133A/M | |
| PS | AGM-65/MAVERICK | Requires completion of a formal training course or local in-unit upgrade in accordance with appropriate training syllabus and a training certification signed by the unit commander or his designated representative. |
| QC | Radar Sensor Operations/Maintenance Evaluation | Requires 6 consecutive months of experience plus formal or informal training and recommendation by supervisor. |
| QQ | ICBM Manpower/Personnel | Requires 12 or more months in a manpower/personnel position (e.g. AFPC, AF/A1). Authorized for use with AFSCs 13SXC. |
| QR | ICBM Plans/Programs/Requirements/Policy Strategy | Requires 12 months experience in a Plans, Programs, Requirements, Policy and Strategy position (e.g. AF/A5, AF/A8, SAASS). Authorized for use with AFSCs 13SXC. |
| QS | ICBM Inspections | Requires 12 months or more experience in a NAF/MAJCOM level inspection position responsible for assessment of operational missile wings (e.g. 20AF DOMV/AFSPC IG). Authorized for use with AFSCs 13SXC. |
| QT | ICBM Maintenance Mgt—Level I | Requires (1) 12 consecutive months of ICBM maintenance management experience and; (2) squadron commander's recommendation. Authorized for use with AFSCs 21MXX. |
| QU | ICBM Maintenance Mgt—Level II | Requires (1) prior award of experience set QT; (2) a total of 48 months of ICBM maintenance management experience and (3) squadron or group (if individual is assigned above squadron level) commander's recommendation. Authorized for use with AFSCs 21MXX. |
| QV | ICBM Maintenance Mgt—Level III | Requires (1) prior award of experience set QU; (2) a total of 96 months of ICBM maintenance management experience and (3) squadron or group (if individual is assigned above squadron level) commander's recommendation. Authorized for use with AFSCs 21MXX. |

| EXP SET | TITLE | EXPLANATION |
|---|--|---|
| QW | Reserve #7 | Requires (1) 6 months experience performing duties related to nuclear weapons or performing duties in work centers where personnel reliability certification (PRP) is required, and (2) supervisor's recommendation. Additional award criteria are under development. |
| QX | Reserve #8 | |
| QY | Reserve #9 | |
| QZ | Reserve #10 | |
| Q1 | Reserve #11 | |
| Q2 | Reserve #12 | |
| Q3 | Reserve #13 | |
| Q4 | Reserve #14 | |
| Q5 | Reserve #15 | |
| Q6 | Reserve #16 | |
| Q7 | Reserve #17 | |
| Q8 | Reserve #18 | |
| Q9 | Reserve #19 | |
| Q0 | Afghan Pakistan Hands (APH) | Award criteria are under development |
| SPECIALIZED SYSTEMS/RADARS EXPERIENCE SETS | | |
| RN | Air Support Radar Team (ASRT) | Requires 6 months of experience on AN/TPB-1, service on an Air Support Radar Team, and recommendation by supervisor. |
| S1 | Space Shuttle Operations | Requires 12 months of experience at the Johnson Space Center working in a NASA shuttle mission integration and/or operations capacity. |
| S2 | Mission Control Complex (MCC) Operations | Requires completion of Satellite Test Center (STC), STC Data Modernization (DSM) Training and 18 months of experience. |
| S3 | Cheyenne Mountain Complex, Missile Warning Center | Requires 6 consecutive months of experience in the Cheyenne Mountain Complex, Missile Warning Center. (For use with AFSCs 13SX). |
| S4 | Cheyenne Mountain Complex, Space Defense Operations Center | Requires 6 consecutive months of experience in Cheyenne Mountain Complex, Space Defense Operations Center. (For use with AFSCs 13SX). |
| S5 | Cheyenne Mountain Complex, NORAD Space Surveillance Center | Requires 6 consecutive months of experience in Cheyenne Mountain Complex, NORAD Space Surveillance Center. (For use with AFSCs 13SX). |
| INTELLIGENCE FUNCTIONS EXPERIENCE SETS | | |
| TM | Targeting | Requires (1) completion of X30ZR14N3B-000 Combat Targeting Course (CTC) or the Joint Targeting School (JTS) and 12 months of cumulative experience as a targeteer above wing level; or (2) 18 months of consecutive experience as a targeteer above wing level; or (3) completion of the CTC or JTS and a four-month rotation as a targeteer in a deployed Air Operations Center (AOC) supporting combat operations (e.g., Joint Task Force Southwest Asia). (For use with AFSCs 14NX.) |
| TN | Analysis | Requires (1) 12 months in an Analysis Correlation and Fusion (ACF) Cell above wing level; or (2) 12 months in an analytical job at the National/Combat Commander (COCOM) level; or (3) completion of the ACF or Air Defense Command and Control Warfare (ADC2W) course and 9 months in an ACF Cell above wing level; or (4) a minimum of 4 months of experience in an ACF Cell within a deployed AOC supporting combat operations (e.g., Joint Task Force Southwest Asia). (For use with AFSCs 14NX.) |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| TO | Space | Requires (1) 18 months of experience in a Space unit; or (2) Space Intelligence Formal Training Unit (IFTU) and 12 months of experience with either an Air Force Space unit (e.g., 14 AF, SPACEAF), National Reconnaissance Office (NRO), or space-related position at National Air Intelligence Center (NAIC) or US Strategic Command (USSTRATCOM). (For use with AFSCs 14NX.) |
| TP | Support to Ground Operations | Requires 18 months in a Tactical Airlift Control Element (TALCE), Air Mobility Operations Squadron (AMOS)/Air Mobility Operations Group (AMOG), Contingency Response Group (CRG), or force protection position. (For use with AFSCs 14NX.) |
| TQ | Force Management | Requires 12 months of direct experience as either Functional Area Manager (FAM), Career Field Manager (CFM), or Air Force Specialty Manager. (For use with AFSCs 14NX.) |
| TS | Intelligence Surveillance and Reconnaissance (ISR) Operations | Requires either (1) completion of Distributed Common Ground System (DCGS) Intelligence Formal Training Unit (IFTU) plus 12 months of experience; or (2) 18 months of experience at Distributed Ground System (DGS), U-2, Predator, or Global Hawk. (For use with AFSCs 14NX.) |
| TT | Cryptologic Career Program | Requires completion of Joint Officer Cryptologic Career Program (JOCCP). |
| TU | Geospatial | Requires completion of course X50BD14N1 001 (PDS Code PJV), 24 months of experience, and recommendation by commander or designated representative. |
| TV | Resource Management | Requires 12 months of direct experience in intelligence aspects of resource management systems or processes (e.g., budgeting systems, the Consolidated Defense Intelligence Program), to include the management of manpower or personnel actions associated with major intelligence systems. (For use with AFSCs 14NX.) |
| TW | Special Operations | Requires (1) completion of Air Force Special Operations Forces (AFSOF) Intelligence Formal Training Unit (IFTU) and 12 months of experience in a Special Operations Squadron/Operations Support Squadron (OSS)/Special Tactics Squadron (STS) or Joint Special Operations Center (JSOC)/Theater Special Operations Command (TSOC) or Air Force Special Operations Command (AFSOC)/Special Operations Command (SOCOM)/Unified Special Operations Forces (SOF) element; or (2) 18 months of experience in a Special Operations Squadron/OSS/STS or JSOC/TSOC, or AFSOC/SOCOM/SOF element. (For use with AFSCs 14NX.) |
| TX | Air-to-Air | Requires either (1) 18 months in an F-15C, F-15E, F-16, or F-22 squadron/Operations Support Squadron (OSS); or (2) F-15C/F-15E/F-16/FA-22 Intelligence Formal Training Unit (IFTU) and 12 months related unit experience. (For use with AFSCs 14NX.) |
| TY | Intelligence Resource Management | Requires completion of formal courses or 18 months of direct experience in intelligence aspects of resource management systems or processes (e.g., planning, programming, and budgeting systems, the Consolidated Defense Intelligence Program), to include the management of manpower or personnel actions associated with major intelligence systems. |
| TZ | Air-to-Ground | Requires either (1) 18 months in an A-10, B-1, B-2, B-52, F-15E, F-16, FA-22, or F-117 squadron/Operations Support Squadron (OSS); or (2) A-10/B-1/F-15E/F-16/FA-22 Intelligence Formal Training Unit (IFTU) and 12 months related unit experience. (For use with AFSCs 14NX.) |
| T1 | Tactical Air Control System (TACS) | Requires either (1) 18 months in an AWACS, JSTARS, A-10 or Air Support Operations Center (ASOC) squadron/Operations Support Squadron (OSS); or (2) qualification as a JSTARS Airborne Intelligence Officer; or (3) A-10 Intelligence Formal Training Unit (IFTU) plus 12 months in an A-10 unit; or (4) TACS IFTU plus 12 months in an AWACS, JSTARS, or ASOC unit. (For use with AFSCs 14NX.) |
| T2 | Low Observable | Requires 18 months in a B-2, FA-22, or F-117 squadron/Operations Support Squadron (OSS) or B-2/FA-22 Intelligence Formal Training Unit (IFTU) plus 12 months in a related unit. (For use with AFSCs 14NX.) |

| EXP SET | TITLE | EXPLANATION |
|--------------------------------|---|--|
| T3 | Strategic Mobility Operations | Requires 18 months in a KC-135, KC-10, C-5, C-17, C-141 squadron/Operations Support Squadron (OSS) or Operational Support Airlift (OSA), Special Air Mission (SAM) airlift; or Tanker/T-Tail Intelligence Formal Training Unit (IFTU) plus 12 months in a related unit. (For use with AFSCs 14NX.) |
| T5 | Imagery Intelligence (IMINT) | Requires 18 months of experience in a unit performing imagery production; or previous qualification in AFSC 8045. (For use with AFSCs 14NX.) |
| T6 | Human Resource Intelligence (HUMINT) | Requires (1) completion of Department of Defense Strategic Debriefing Course, field tradecraft course, or other HUMINT training approved by the Defense HUMINT Management Office (DHMO), and 12 months of experience in a HUMINT position; or (2) previous qualification in AFSC 8025. (For use with AFSCs 14NX.) |
| T7 | Collection Management | Requires (1) completion of X50ZD14N4B-000, Intelligence Collection Management Course (ICMC) or Intelligence Surveillance and Reconnaissance Operator Course (IROC) and a minimum 12 cumulative months of experience in an intelligence collection management designated position at the unit/Air Operations Center (AOC); or (2) completion of the ICMC or IROC and a minimum of 12 months of experience in an intelligence collection management designated position at the National/Combat Commander (COCOM) level; or (3) completion of ICMC or IROC and a minimum of 4 months of experience in an intelligence collection management position at a deployed AOC supporting combat operations (e.g., Joint Task Force Southwest Asia.) (For use with AFSCs 14NX.) |
| T8 | Signals Intelligence (SIGINT) | Requires (1) 18 months of experience in a cryptologic unit (Regional Security Operations Center [RSOC], Airborne unit, Ground Station or National Security Agency [NSA]); or (2) previous qualification in AFSC 8035; or (3) SIGINT Intelligence Formal Training Unit (IFTU) plus 12 months of experience in a cryptologic unit, airborne unit, ground station, or NSA position.(For use with AFSCs 14NX.) |
| T9 | Measurement and Signature Intelligence (MASINT) | Requires (1) Air Force Institute of Technology (AFIT)/MASINT certification program; or (2) completion of a national or service level advanced MASINT course; or (3) 12 months of experience in a MASINT-related billet providing operational support to the warfighter.(For use with AFSCs 14NX.) |
| T0 | Systems Management | Requires 12 months of experience in a systems management position, covering areas such as systems integration and development.(For use with AFSCs 14NX.) |
| GENERAL EXPERIENCE SETS | | |
| UA | Instructor | 1. For all career areas other than medical: SEI authorized to AFSC 81C, 81T and T-coded (any AFSC) instructors who complete faculty orientation courses listed in the AU Registrar Education Program Management (AUREPM) database or a comparable in-house faculty orientation course not registered in AUREPM, and satisfactorily instruct for a minimum of 12 months. 2. For medical career area except physicians: Requires 6 months of experience in academic instruction relating to the management of Continuing Health Education (CHE), residency, internship, or in-service training program. 3. For Physicians: Requires 6 months of experience as an academic and/or clinical instructor in an internship, residency, or fellowship program. |
| UB | Inspector | Designation approval based on HAF/AFPC evaluation of experience. |
| UC | Certified Public Accountant | Requires 6 consecutive months of experience and certification by state or district board. |
| UD | Human Relations | Requires 6 consecutive months of experience in functions such as equal opportunity and treatment and race relations. |
| UE | Education in Race Relations | Requires 6 consecutive months of experience. |
| UF | Social Actions as Additional Duty | Managing social actions programs on an additional duty basis in a geographically separated unit for 8 months. Must have completed additional duty social actions training and have commander's and MAJCOM's approval. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| UG | Command Experience/ Qualified AFSC Dual Mission | Requires 6 months of experience in Communications-Electronics/Air Traffic Control organizations. |
| UH | USAF Postal Experience | Requires 6 consecutive months of experience. |
| UI | USAF Advance Agent for Presidential Trips | |
| UJ | Previous Experience as Primary Duty Protocol Officer | Requires 6 consecutive months of experience and supervisor's recommendation. |
| UK | Contingency Planning Support Capability (CPSC) Experience | Requires 6 months of experience using the CPSC in support of MAJCOM planning and execution activities and completion of the introduction to 6000 Programming/WWMCCS and 6000 Data Management System/WWMCCS courses, or 12 months of experience using the CPSC. Experience must be attained at MAJCOM level or higher. |
| UL | Airspace Management | Requires (1) 6 months of consecutive experience in the airspace management portion plus (2) completion of the USAF Airspace Management course. |
| UM | Administrative Systems Management | Completion of the Automated Administration Systems Course and 6 months of experience in administrative office systems, or 12 months of experience in administrative office systems. |
| UN | Mishap Board President | Requires completed participation as a board president of a mishap investigation board (aircraft, missile, nuclear, explosives, or industrial.) |
| UO | Journalistic Experience | Requires 6 months of experience or training in censorship activities. |
| UP | Drug and Alcohol Abuse Control | Requires a minimum of 12 months of experience working in support of the Drug or Alcohol Treatment Program. |
| UQ | Tactical Air Control System Direct Air Support Center/Air Support Operations Center (TACS DASC/ASOC) | Requires 6 months of experience in either a Direct Air Support Center (DASC) or an Air Support Operations Center (ASOC). |
| UR | Tactical Air Control System Airborne Battlefield Command and Control Center (TACS ABCCC) | Requires 12 months of experience in an Airborne Battlefield Command and Control Center (ABCCC) position. |
| US | Aerial Combat Maneuvering Instrumentation (ACMI) Operator | Requires 12 months of experience. |
| UT | Tactical Air Control System Tactical Air Control Center (TACS TACC) | Requires 6 months of experience in Tactical Air Control Center (TACC) positions. |
| UU | Morale, Welfare, and Recreation (MWR) | Requires 12 months of experience in an MWR activity. |
| UV | Nonappropriated Fund Financial Management (NAFFM) | Requires 12 months of experience in an NAFFM function. |
| UW | Air Base Ground Defense | Requires completion of one of the following courses: (1) L3OZR8124-004, Ground Defense Flight Leader, PDS code 34G (May 84 through Jun 87); (2) L5OZA8124-010, Infantry Officer Basic Course (IOBC), PDS code YRD (Apr 78 through Oct 84); (3) L3OZR8116-000 or L3OZR8116-001, Ground Defense Command Course, PDS code 2JT or 54L (Aug 81 through current date); (4) L5OZA8124-016, Air Force Level 4, Ground Combat Skills, PDS code 9PE (Oct 87 through current date). |

| EXP SET | TITLE | EXPLANATION |
|---|---|---|
| UX | Manned Spaceflight Engineer (MSE) | Requires completion of the Manned Spaceflight Engineer (MSE) Qualification Program (managed under the AF Manned Spaceflight Engineer or Payload Specialist (MSE/PS) Program by AFSC or Space Division). |
| UY | Payload Specialist (PS) | Requires completion of the Manned Spaceflight Engineer (MSE) Qualification Program (managed under the AF MSE/PS Program by AFSC/Space Division), selection as a PS on a DOD Space Transportation System (STS) mission, and completion of 12 months in a designated PS position. |
| UZ | Mission Qualified Payload Specialist (PS) | Requires completion of the Manned Spaceflight Engineer (MSE) Qualification Program (managed under the AF Manned Spaceflight/Payload Specialist Program by AFSC/Space Division), selection as a PS on a DOD Space Transportation System (STS) mission, and completion of one flight on an STS mission. |
| U1 | MAJCOM Level Readiness | Requires 12 months of experience and working knowledge in one or more of these areas: Managing MAJCOM play in Joint Staff exercises and war plans; writing annexes for CONPLANS, OPLANS, OPORDS, Contingency Operations Mobility Planning and Execution System (COMPES-M); JOPS/JDS procedures, Worldwide Mobility Command and Control System (WWMCCS) and WWMCCS Intercomputer Network (WIN) procedures; and MAJCOM mobilization procedures. Also requires familiarity with exercise activities. Experience set U1 also pertains to officers assigned to DOD and Air Force level functions, including DOD Joint Commands, AFPC, ARPC, AFRES, and NGB, except that these functions require 24 months of experience. Readiness managers at MAJCOM, SOA, or higher headquarters will request award for officers who become qualified, ensuring appropriate documentation for award. |
| U2 | ASTRA Officer | Requires participation in Air Staff Training (ASTRA) Program. |
| U3 | Mishap Investigator | Requires completed participation in a mishap investigation board as mishap investigator (aircraft, nuclear, explosives, or industrial). |
| U4 | Career Broadening Program | Requires 12 months of experience. |
| U5 | ANG Advisor | |
| U6 | Service on a Joint or Combined Staff | Requires 6 consecutive months of experience. |
| U7 | Instructional Systems Development (ISD) Manager | Requires 12 months of experience in ISD work and completion of AETC course 3AZR75133, Instructional System Designer or equivalent. (A master's degree in education may be considered as one acceptable substitute for the ISD course.) Requires recommendation of MAJCOM ISD office before designation. |
| U8 | Aerial Spray Operation | Requires 6 months of experience and commander's recommendation. |
| U9 | Maintenance Mishap Investigator | Requires completed participation in a mishap investigation as a maintenance member of an aircraft investigation mishap board. |
| U0 | Medical Mishap Investigator | Requires completed participation in a mishap investigation as a medical member of an aircraft mishap investigation board. |
| CIVIL ENGINEERING EXPERIENCE SET | | |
| VA | Professional Engineer or Architect | Has been certified as a professional engineer or architect by any state registration board. |
| VH | Special Technical Operations | Requires recommendation and certification by the Joint Staff. (For use with activity code Y.) |

| EXP SET | TITLE | EXPLANATION |
|-------------------------------|--|--|
| NUCLEAR EXPERIENCE SET | | |
| WA | Nuclear Weapons Maintenance Mgt—Level I | Requires (1) 12 consecutive months of nuclear weapons maintenance management experience and (2) squadron commander's recommendation. Authorized for use with AFSCs 21MX. |
| WB | Nuclear Weapons Maintenance Mgt—Level II | Requires (1) prior award of experience set WA, (2) a total of 48 months of nuclear weapons maintenance management experience and (3) squadron or group (if individual is assigned above squadron level) commander's recommendation. Authorized for use with AFSCs 21MX. |
| WC | Nuclear Weapons Maintenance Mgt—Level III | Requires (1) a total of 96 months of nuclear weapons maintenance management experience and (2) squadron or group (if individual is assigned above squadron level) commander's recommendation. Authorized for use with AFSCs 21MX. |
| WD | Nuclear Strike Certification | Requires (1) 12 months experience performing aircrew duties related to employing nuclear weapons after completion of training and certification, and (2) supervisor's recommendation. Authorized for use with AFSCs 11BX, 11FX, 12BX and 12FX. |
| WE | Primary Nuclear Airlift Force (PNAF) Certification | Requires (1) 6 months experience performing aircrew duties related to airlift of nuclear weapons after completion of training and certification, and (2) supervisor's recommendation. Authorized for use with AFSCs 11MX and 12MX. |
| WF | Nuclear Security Qualification | Explanation: Requires (1) Personnel Reliability Program (PRP) status code of "D" or "J" and (2) Nuclear Experience Identifier (NEI) code of "E" or "I", plus (3) 12 months (minimum) performing or supporting nuclear security at installations tasked with day-to-day nuclear operations, (4) Commander's formal recommendation, and (5) certification. Authorized for use with AFSCs 31PX. |
| WG | Nuclear Mission Operations or Support (Level I) | Explanation: Requires (1) Personnel Reliability Program (PRP) status code of "D" or "J" and (2) Nuclear Experience Identifier (NEI) code of "E" or "I" plus (3) 12 months (minimum) performing or supporting nuclear activities (not otherwise identified by SEI) at installations tasked with day-to-day nuclear operations, (4) Commander's formal recommendation, and (5) certification. Authorized for use with any AFSC. |
| WH | Nuclear Mission Operations or Support (Level II) | Explanation: Requires (1) Personnel Reliability Program (PRP) status code of "D" or "J" and (2) Nuclear Experience Identifier (NEI) code of "E" or "I" plus (3) 60 months (minimum) performing or supporting nuclear missions at installations tasked with day-to-day nuclear operations, (4) Commander's formal recommendation, and (5) certification. Authorized for use with any AFSC. |
| WI | Nuclear Command and Control | Requires (1) completion of the Joint Nuclear Command and Control Course, E3AZP1C371 00CA (PDS Code IAJ); 12 months of nuclear C2 experience following formal certification in Chairman, Joint Chiefs of Staff Emergency Action Procedures (EAP-CJCS) or HQ United States Air Forces in Europe Command and Control Course; 12 months of nuclear C2 experience following formal certification in EAP-CJCS or HQ United States European Command EAP; and supervisor's recommendation; or (3) for Command Post Controllers certified prior to 1 Apr 05, 12 months of nuclear C2 experience following formal certification in EAP-CJCS or EAP-STRAT; and supervisor's recommendation. Authorized for use with AFSCs 86PX. |
| WJ | Nuclear Experience #10 | Requires (1) 6 months experience performing duties related to nuclear weapons or performing duties in work centers where personnel reliability certification (PRP) is required, and (2) supervisor's recommendation. Additional award criteria are under development. |
| WK | ICBM Codes | Requires 12 or more months in a codes position at an ICBM Missile Wing (e.g. OSB). Authorized for use with AFSCs 13SXC. |
| WL | ICBM EWO Training | Requires 12 or more months in an EWO training position at 20AF or a Missile Wing (e.g. OSK). Authorized for use with AFSCs 13SXC. |
| WM | ICBM EWO Plans/Targeting | Requires 12 or more months in an EWO training position at 20AF, a Missile Wing (e.g. OSK), STRATCOM Air Room, Trajectory Analysis, etc. |

| EXP SET | TITLE | EXPLANATION |
|---|---|---|
| WN | ICBM OT&E | Requires 24 months of experience as an operational tester assigned to 576th or AFOTEC responsible for the conduct of OT&E, completion of the Air Force Operational Test and Evaluation on ICBMs and associated hardware and software. Authorized for use with AFSCs 13SXC. |
| WO | ICBM PPBE | Requires 24 months or more in a PEM or A8P/J8P position at MAJCOM/COCOM/HAF. Authorized for use with AFSCs 13SXC. |
| WP | ICBM Acquisitions | Requires 24 months or more in a 63XX Duty AFSC or completion of APDP level 2 certification. Authorized for use with AFSCs 13SXC. |
| WQ | Nuclear Enterprise Experience Level 1 | Requires minimum of 4 years experience in Nuclear Enterprise position. Authorized for use with AFSCs 13SXC. |
| WR | Nuclear Enterprise Experience Level 2 | Requires minimum of 6 years experience in Nuclear Enterprise. Authorized for use with AFSCs 13SXC. |
| WS | Nuclear Enterprise Experience Level 3 | Requires more than 9 years experience in Nuclear Enterprise. Authorized for use with AFSCs 13SXC. |
| WT | ICBM Technical | Requires one or both of the following (1) completion of technical bachelor's or AAD in a technical discipline or (2) 12 months or more experience in a 61XX or 62XX Duty AFSC related to nuclear weapons development. Authorized for use with AFSCs 13SXC. |
| WU | ICBM Maintenance Management – Level I | Requires (1) 12 consecutive months of ICBM maintenance management experience and; (2) squadron commanders's recommendation. This experience set is authorized for use with AFSCs 21MX/X. |
| WV | ICBM Maintenance Management – Level II | Requires (1) prior award of experience set WU; (2) a total of 48 months of ICBM maintenance management experience and (3) squadron or group (if individual is assigned above squadron level) commander's recommendation. This experience set is authorized for use with AFSCs 21MX/X. |
| WW | ICBM Maintenance Management – Level III | Requires (1) prior award of experience set WV (2) a total of 96 months of ICBM maintenance management experience and (3) squadron or group (if individual is assigned above squadron level) commander's recommendation. This experience set is authorized for use with AFSCs 21MX/X. |
| WX | Aerial Nuclear Security | Requires (1) 12 months Combat Mission Ready (CMR) status performing aircrew duties related to employing nuclear security at installations tasked with day-to-day nuclear operations, and (2) Helicopter Squadron Commander's recommendation. Authorized for use with AFSCs 11HX. |
| RESEARCH AND DEVELOPMENT ENGINEERING EXPERIENCE SETS | | |
| XA | Economics | Applies economic techniques to data concerning such topics as military compensation, personnel use, and manpower allocation. Requires 12 consecutive months of experience. |
| XB | Nuclear Weapons | Develops, tests, evaluates, and applies the technology concerning nuclear fission and fusion bombs and warheads; fusing and firing; release and ejectors; installation; handling equipment; test and maintenance equipment. Requires 12 consecutive months of experience. |
| XC | Survivability/ Vulnerability | Determines system and component response to nuclear weapon effects or non-nuclear weapon effects such as air blast, thermal, x-ray, gamma, neutron, EMP, etc., by use of analytical techniques and numerical computations. Conducts analyses of the influence of response upon mission performance. Develops techniques to simulate nuclear weapon effects on systems, subsystems, and components. Conducts effects experiments in the laboratory, in above-ground and in-site simulators, and in underground nuclear events. Techniques employed include electrical and high explosives. Develops transducer, recorders, and other instrumentation associated with experimentation. Applies specialized engineering services to establish S/V requirements and programs for aerospace systems. Develops and applies techniques at the component, subsystem, and system level to assure that mission performance is not degraded by the effects of nuclear weapons. Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION |
|----------------|-----------------------------------|---|
| XD | Laser Development | Develops, test, and evaluates high energy laser systems. Designs, constructs, and tests gas laser systems and subsystems, including cryogenic and high pressure fluid supply systems, electrical supply systems, aerodynamic cavities and flow systems, and power extraction optics. Draws on knowledge in areas of aerodynamics, instrumentation, and applied optics. Also applies to low-energy laser. Requires 12 consecutive months of experience. |
| XE | E/O Guided/Designated Weapons | Uses electro/optical means (lasers, TV, etc.) in improving weapon accuracy and effectiveness. Requires 12 consecutive months of experience. |
| XF | Electronic Components | Develops, test, evaluates, and applies the technology concerning condensers, resistors, tubes, solid state circuitry and components; transmission lines; impedance elements; electronic and gas tubes; solid state; ferromagnetic and ferromagnetic devices, waveguides and waveguide devices; molecular electronics such as film deposition, crystal growths, thin-film techniques. Requires 12 consecutive months of experience. |
| XG | Electromagnetic Waves | Analyzes electromagnetic wave transmissions to determine effect of propagation media on the wave form. Includes test and analysis of various scatter modes, ionospheric reflection and refraction, ground waves, wideband radio, and radio. Considers effects of phase distortion, polarization, fading, multipath; measurement of dynamic antenna patterns and radar reflective areas; analysis of flight data to computer simulation. Requires 12 consecutive months of experience. |
| XH | Infrared Techniques | Develops, tests, evaluates, and applies the technology concerning infrared detectors, detector cooling, optical systems and materials, radiation measurements, discrimination techniques, propagation, target and background characteristics, infrared countermeasures (ICRM). Requires 12 consecutive months of experience. |
| XI | Electrical Energy Sources | Develops, tests, evaluates, and applies the technology concerning energy sources--chemical, solar and nuclear; energy conversion processes--including photovoltaic, thermionic, photoelectric, fuel cells, batteries, solar mechanical, geothermal nuclear mechanical chemical combustion, solar collections, solar cell arrays, and radiators; power transmission--hydraulic and pneumatic systems, electrical components including circuit control devices, inverters, and actuators; power system integration--systems study and analysis. Time period for award: 18 months. |
| XJ | Aerial Photographic Equipment | Develops, tests, evaluates, and applies the technology concerning reconnaissance and recording cameras, control systems, mounts, photonavigation, motion compensation, and indexing. Requires 12 consecutive months of experience. |
| XK | Optics and Photographic Materials | Develops, tests, evaluates, and applies the technology concerning new lenses; optical material, high speed emulsions; photosensitive materials and processes; special lenses; sensitometric processes; and eye protection. Requires 12 consecutive months of experience. |
| XL | Propulsion Research | Develops, tests, evaluates, and applies the technology concerning aerothermodynamics, combustion, heat transfer, energy sources, energy release and transformation, and conversion to work. Requires 12 consecutive months of experience. |
| XM | Fuels and Lubricants | Develops, test, evaluates, and applies the technology concerning hydrocarbon fuels, high energy fuels, oils, greases, synthetic compounds, hydraulic fluids, rocket propellants. This includes solid propellants which consist of metal fuels and oxidizers held together by a chemical binder. Requires 12 consecutive months of experience. |
| XN | Nonmetallic Materials | Develops, tests, evaluates, and applies the technology concerning plastics; ceramics; elastomers, wood; textiles; paints; adhesives and sealants; coatings; composites, fibrous materials, energy transmission fluids; refractory nonmetallic substances and compounds, brittle state and other fundamental studies; and materials preservation. Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION |
|---------|---|---|
| XO | Cryogenic Devices | Develops, tests, evaluates, and applies the technology concerning cryogenic devices used with liquid nitrogen, oxygen, helium, hydrogen, etc. Requires 12 consecutive months of experience. |
| XQ | Electroanalysis | Develops, tests, evaluates, and applies the technology concerning circuit analysis and synthesis; amplification modulation; assembly and assembly techniques; reliability; electronic standards; measurements; signal analysis. Requires 12 consecutive months of experience. |
| XR | Human Engineering | Controls design, arrangement, and allocation of system function to man and machines; analyzes and designs presentation, input-output devices, and machine language to ensure effective man-machine communication and response; designs for ease of operation and maintenance, instrumentation presentation; work space layout; psycho-physiology factors. Time period for award: 24 months. |
| XS | Fluid Mechanics | Develops, tests, evaluates, and applies the technology concerning mechanics of fluid motions; gas dynamics; behavior of fluid in zero gravity environment. Requires 12 consecutive months of experience. |
| XT | Gas Dynamics | Develops, tests, evaluates, and applies the technology concerning wind tunnel studies; air foils; boundary layer control; turbulence; external and internal flow; stability and control; aerodynamic loads; aerodynamic heating; ionization, dissociation, and recombination effects; magnetogas dynamics, electrogas dynamics; equilibrium and nonequilibrium aerodynamic flows, slip and free molecular flow, plasma dynamics and measurement techniques. Requires 12 consecutive months of experience. |
| XU | Earth and Hydrospheric Science | Develops, tests, evaluates, and applies the technology concerning seismology, geology, geodesy, soil mechanics, geomagnetism, and oceanography. Requires 12 consecutive months of experience. |
| XV | Atmospheric Sciences | Develops, tests, evaluates, and applies the technology concerning atmospheric structure and composition; cloud physics and nucleation atmospheric radiation; atmospheric electricity and ionization; meteors; cosmic and solar influences; atmospheric acoustics; atmospheric optics; properties of ionosphere; solar simulation. Requires 12 consecutive months of experience. |
| XW | Sensors | Conducts and manages research, design, development, installation, modification, and testing of equipment to detect and indicate terrain configuration, the presence of military targets and other objects by means of emitted or reflected energy. The energy may be nuclear, electromagnetic, including the visible and invisible portions of the spectrum, chemical, biological, thermal, or mechanical including sound, blast, and earth vibration. Experience may be derived from activities relating to antennas, radomes, structural facilities, transmitters, receivers, information processors, exciters, power supplies, etc. The sensors may be airborne, space vehicle or platform borne, or ground based. Time period for award: 24 months. |
| XX | Laser Effects/- Vulnerability/- Hardening | Determines the effects of laser radiation on materials using both analytical and experimental techniques. Uses both basic physics of interaction data and analytical techniques to assess the vulnerability of aerospace systems, subsystems, and components to laser radiation. Develops techniques and materials for use in hardening aerospace systems to laser radiation. Requires 12 consecutive months of experience. |
| XY | High/Low Energy Laser Integrator | Integrates components of high energy laser system to carrier platform. Responsible for interface definition, interface control, and configuration management. Assures subsystem compatibility insofar as power control, instrumentation, hydraulics, pneumatics, cooling, heating, flight and dynamic loads, and electromagnetic environment are concerned. Must have engineering degree. Plans and conducts subsystem and system compatibility and functional tests. Ensures commonality of specifications in subsystem procurements. Also applies to low-energy lasers. Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION |
|---------|---|---|
| XZ | Laser Propagation | Analyzes and measures the propagation of laser beams through the atmosphere, aircraft boundary layers, and other intervening media. Draws on knowledge in the areas of atmospheric physics, aerodynamics, turbulence, spectroscopy, matter-radiation interaction, and optics. Requires 12 consecutive months of experience. |
| X1 | Laser Beam Control | Analyzes, develops, tests, and evaluates high/low energy laser systems and subsystems to accurately control and point a laser beam at a designated target. Draws on knowledge in areas of infrared and optical sensors, dynamic control systems, optical physics and engineering, inertial stabilization, servomechanisms, and structural dynamics. Requires 12 consecutive months of experience. |
| X2 | Laser System Optical Components | Designs, develops, and tests high powered cooled and uncooled laser mirrors, windows, gratings, and other optical components. Develops new fabrication techniques for forming and designs coatings for optical surfaces. Familiar with interferometry, microscopy, heat transfer, and holography as applies to design and testing of optical components and subsystems. Also applies to low energy lasers. Requires 12 consecutive months of experience. |
| X3 | Nuclear Weapon Effects (Environment) | Determines phenomenology involved in nuclear detonations; conducts large-scale numerical simulations of nuclear detonations to define radiation and hydrodynamic environments created by nuclear detonation; blast, x-ray, neutron, gamma, EMP, etc. Requires 12 consecutive months of experience. |
| X4 | Econometrics | Combines analytical techniques with economic theory in order to determine optimal solutions to operational, production, or other problems involving costs, tradeoffs, and other economics considerations. Requires 12 consecutive months of experience. |
| X5 | Operations Research/ Simulation Analysis | Experience in design, development, documentation, test, and application of complex mathematical, statistical, and/or simulation techniques for identification of optimum solutions to operational or other problems. Requires 12 consecutive months of experience. |
| X6 | Personnel Measurement | Designs, conducts, and evaluates experiments in occupational analysis, position classification, qualification and skill analyses, recruitment, selection, classification, assignment, performance evaluation, retention, criterion development, career development, work motivation, attitude and personality assessment, advanced statistical test and measurement techniques, and organizational psychology. Individuals must have a minimum of 24 months of experience in occupation and/or manpower research. |
| X7 | Guidance and Counseling | The primary function of the officer must be in providing guidance/counseling to others. Requires 12 consecutive months of experience. |
| X8 | Personnel and Training Research | Plans and executes research in the areas of personnel and training systems, including job requirements, aptitude testing, evaluation, selection, promotion, human learning, basic skills, etc. Develops and tests hypotheses, plans and conducts experiments and surveys, analyzes and reports results. Develops research proposals and monitors contracts. Serves as scientific consultant to other Air Force and DOD activities. Coordinates and provides staff supervision over personnel and training research programs and projects. Individual must have a minimum of 24 months of experience in personnel and training systems research. |
| X9 | International Programs | Requires supervisor's recommendation and 12 months of experience in international programs such as Security Assistance, International Cooperative Research and Development, Mutual Support Act, Defense Industrial Cooperation, Stockpiling for Allies, or Reciprocal Fuel and Maintenance with foreign governments. <i>NOTE:</i> For individuals serving in 12 month short tour areas, designation criteria are supervisors' recommendation and 10 months of experience. |

| EXP SET | TITLE | EXPLANATION |
|----------------|-----------------------------|---|
| YA | Security Assistance | Experience in the planning, programming, budgeting, procurement, development, acquisition, logistics, training, and in-country support of security assistance programs. Designation establishes that an individual has been involved with some facet of security assistance (Map/Grant Aid/Foreign Military Sales) and has specialized knowledge or experience in this area. Requires 12 months of consecutive experience. |
| YB | Life Cycle Cost Analysis | Responsible for the application of life cycle cost (LCC) techniques or methodologies as a part of system, sub-system, or component design and acquisition. This includes the function of developing and/or using complex calculations or predictions (that may include computer application) which are used either in house or on contract to improve total cost of USAF operational hardware. Time period for award: 24 months. |
| YC | Key Program Office Position | Reports directly to the Program Manager (System Program Director, etc.). Intent of award is to identify a select pool of officers for possible screening for future assignments to key management positions in the acquisition process. Time period for award: 24 months. |
| YD | Configuration Management | Organizes for the accomplishment of configuration management program; establishes configuration identification, control, status accounting and audit requirements; manages configuration by analysis and control of engineering changes against baselines; processes Engineering Change Proposals. Time period for award: 18 months. |
| YE | Program Control | Manages the efforts of the program control function so as to assure that the program is properly planned, documented, correlated, financed, and implemented. This includes the functions of cost estimating, budgeting, scheduling, analyzing, and forecasting. Establishes, revises, and maintains program control reporting procedures. Maintains data to track cost, performance, and schedule parameters in terms of approved thresholds. Should have operating experience with C/SCSC on one program. Requires 12 consecutive months of experience. |
| YF | Program Analysis | Analyzes system planning and programming data required to implement the USAF directed program. Develops and maintains a time-phased implementation schedule. Analyzes reports submitted by the contractors and evaluates total program progress measured against the master scheduled, budget, and plan; identifies deficiencies; determines impact on program; and recommends corrective action. Should have operating experience with C/SCSC on one program. Requires 12 consecutive months of experience. |
| YG | Financial Manager | Responsible for all aspects of financial management to include system budget preparation, submission, and justification; fund control; review and analysis of contractor reports; and preparation of independent cost estimates. Establishes, revises, and maintains cost reporting procedures. Develops and issues detailed guidance to contractor(s) for preparation of budget estimates, financial data, and contractor cost studies. Maintains current records of all funds applicable to the program. Should have knowledge of ability to utilize C/SCSC data. Requires 12 consecutive months of experience. |
| YH | Financial Analyst | Reviews and analyzes contractor funding and manpower reports to reconcile actual results with forecasts. Analyzes and reports on the impact on fund ceiling of system configuration and directed program changes. Evaluates funding deficiencies and the impact on system implementation. Monitors commitment, obligation, and expenditure status and prepares forecasts. Experience with statistical models for cost estimation and analysis. Should have knowledge of ability to utilize C/SCSC data. Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---------------------------------|---|
| YI | Field Test Manager | Supervises and manages the field test program for a system or major subsystem. Implements defined test requirements and test objectives. Translates test requirements into integrated systems test methodology. Establishes test schedules, integrates test resources and identifies support requirements. Coordinates the integrated test efforts of support agencies and/or contractors. Prepares, evaluates, and controls test documentation including test plans and procedures. Supervises, prepares, and controls test reporting including test evaluations, assessments, briefings, and reports. Acts as the field test manager for the responsible program office. AFTEC program manager, MAJCOM project manager, or AFMC field logistics or test organization, Deputy Program Manager for Logistics or Air Logistics Center. Requires 12 consecutive months of experience. |
| YJ | System Deployment/ Turnover | Directly responsible for planning/engineering turnover/deployment for a system, subsystem, or equipment; includes those individuals directly assigned to Site Alteration or Activation Task Force (SATAF). Designation approval based on AFPC evaluation or experience. |
| YK | Systems Engineer | Provides system engineering/technical direction of the combined engineering effort of contractors and Air Force organizations to assure achievement of total system design requirements and the documentation of technical information leading to those requirements. Conducts periodic reviews to determine the technical adequacy of contractor efforts in meeting system logistics supportability, producibility, etc. Requires 12 consecutive months of experience. |
| YL | Subsystems Engineer | Serves as the focal point or project officer for the acquisition of a subsystem. Responsible for satisfaction of all subsystem requirements while assuring compatibility with system requirements involving design, schedule, and cost. Time period for award: 18 months. |
| YM | Integrated Logistics Support | Serves as the focal point for all program office matters related to and impacting logistics. This include the interface of ILS elements in the system design process. Implements DoD and USAF logistics policies and directives; assists system/equipment program offices in development of their Integrated Logistics Support Plans. Time period for award: 24 months. |
| YN | Data Management | Plans, manages, and verifies contractor validated data necessary to develop, acquire, install, test, operate, maintain, modify, and support Air Force systems, subsystems, and equipment. Accomplishes staff review of contractor data and data management program. Time period for award: 18 months. |
| YO | Human Factors | Develops concepts, prepares plans and programs, and manages human factors activities for system development. Provides for human engineering and biomedical support. Ensures satisfactory safety, protection, sustenance, escape, survival, and recovery of personnel within the total system environment. Determines requirements and manages development effort for training, equipment, manpower, and personnel data, and training courses. Develops and implements human factors test and evaluation programs. Requires 12 consecutive months of experience. |
| YP | AFPRO | Any permanent assignment to an Air Force Plant Representative Office qualifies. |

| EXP SET | TITLE | EXPLANATION |
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| <p><i>Experience sets YQ through Y3 identify groups of systems on which particular activities are performed. They are to be utilized whenever it is more appropriate to identify a group rather than a specific system on which an individual may be working.</i></p> | | |
| YQ | Strategic Aircraft Systems | Requires 12 consecutive months of experience. |
| YR | Tactical Aircraft Systems | |
| YS | Airlift Aircraft | |
| YT | V/STOL Aircraft Systems | |
| YU | Recon/Strike Electronic Warfare Systems | |
| YV | Tactical Missile Systems | |
| YW | Strategic Missile Systems | |
| YX | Satellite Communication System | |
| YY | Space Booster Systems | |
| YZ | Armament Systems | |
| Y1 | Control and Communication System | Plans and manages the implementation of ground and avionics control/communication programs. Manages the research, development and acquisition of ground avionics control/communication systems. Reviews and analyses plans and program documentation; develops communications requirements, estimates of transmission network capabilities, and interface specifications for terminal equipment. Responsible for efforts in development, test, and evaluation for communications security. Time period for award: 24 months. |
| Y2 | Air Traffic Control Systems | Requires 12 consecutive months of experience. |
| Y3 | Surveillance and Navigation Systems | Plans and manages the implementation of surveillance and navigation/air traffic control programs. Manages the research, development, and acquisition of programs. Reviews and analyzes plans and program documentation; system requirements, and specifications. Responsible for development, test, and evaluation. Time period for award: 24 months. |
| Y4 | NASA | <p>Award requires:</p> <p>For all utilization fields other than medical: Assigned for 18 months to NASA in development or management of aerospace equipment techniques.</p> <p>For medical utilization fields: Assigned for 18 months to NASA working within the capacity of human physiology, medicine, psychology, or other health-related specialties. Experience should be related to the direct care for astronauts, biological research, or human performance in the extreme environments of space. Requires qualification and proficiency in a core medical specialty (4XX3/4).</p> |
| Y5 | Reconnaissance Systems | Conducts and manages research and development or modification of reconnaissance techniques covering the optical, electro-optical, and electro-magnetic areas. Includes both collection and processing. Performs studies and analyses of operational requirements and designs, develops, and test equipment which satisfies these requirements. Time period for award: 18 months. |

| EXP SET | TITLE | EXPLANATION |
|----------------|--|---|
| Y6 | Information Transmission/ Processing Systems | Communication techniques and equipment for space, airborne, and ground applications. Includes transmission of all required types of information such as CS, AM, FM, RTTY, TV, telemetering, facsimile, etc. Includes radio, sound, wire, fiber optics, visual, infrared. Tracking techniques for missiles, space devices, etc. Techniques for processing information before transmission and after reception. Secure transmission and anti-jamming techniques. Interference reduction and control. Experience may be derived from activities related to antennas, transmitters, receivers, terminal equipment, internal facility trucking to include switching and busing, modems, cryptographic equipment, power supplies, interface equipment, and processing equipment including mini and microprocessors, and computer programs. Time period of award: 24 months. |
| Y7 | Acquisition Logistics | Logistics, acquisition program management, or engineering personnel with system/equipment program office experience in defining support needs, integrating logistics efforts, and interfacing with item design to ensure the most economical support of a developing system, subsystem, or equipment. Develops Integrated Logistics Support Plans; assists in development of other program/contracting documents. Includes optimization of trade-offs between design and support requirements for the total program life cycle. Time period for award: 18 months. |
| Y8 | Production | Manages production activities associated with system and subsystem acquisition. Includes providing policy and guidance in control of resources, assuring the recording and analysis of quality control and production statistics and establishment of production schedules including product delivery dates. |
| Y9 | Manager of Small Programs/Project Manager | Program/project manager acquiring a system, subsystem, or specific unit of equipment with responsibility for system acquisition in terms of cost, schedule, and performance parameters. May work directly with other military services or government agencies. Requires 18 months of experience and completion of AFIT course SYS223 or DSMC PMO course. |
| Y0 | Acquisition Security | Requires completion of a basic systems acquisition course, Air Force Materiel Command course MWEOPS0002300SU, and 12 months of experience in systems security engineering management, systems security management, or security programming duties. |
| ZA | Management Information Systems Manager | Operates management information systems within program offices or advises and assists program offices in implementation and operation of Selected Acquisition Information and Management Systems and Performance Measurement Systems. Responsible for implementing C/SCSC of selected contracts. Reviews contractor internal management systems for compliance with C/SCSC after implementation. Maintains liaison with Contract Administration Service C/SCSC surveillance monitors for surveillance of contractor systems and analysis of contractor reports. Prepares management reports required to display planned versus actual progress. Time period of award: 18 months. |
| ZB | Command and Management Systems | Manages acquisition of Command and Management Systems, assessment and application of information systems technology selection and acquisition of Automatic Data Processing Systems, including software and hardware. Time period for award: 24 months. |
| ZC | Satellite Operations | Engineering/operational experience associated with planning, readiness, execution, and evaluation of earth-orbiting space vehicle operations. Applies engineering/operational expertise during satellite/ground systems interface definition; launch vehicle/spacecraft/support network integration and compatibility testing; and flight and recovery operations in the areas of real time on-orbit command and control, orbit determination and analysis, and data retrieval and processing. Time period for award: 18 months. |
| ZD | Satellite Systems/Mechanical Astronautical | Experience as a development engineer on an exploratory, advanced or engineering development program. Applies mechanical/astronautical engineering expertise to the design, development, and testing of satellite systems. Time period for award: 18 months. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|---|
| ZE | Satellite Systems/Electrical | Experience as a development engineer on an exploratory, advanced, or engineering development program. Applies electrical engineering expertise to the design, development, and testing of satellite systems. Time period for award: 18 months. |
| ZF | Performance/Mission Analysis Optimization | Experience in the performance analysis or mission analysis of aircraft is required. This includes the setup, operation, maintenance, and improvement of multi-segment mission analysis computer programs. Experience with energy maneuverability computations and their interpretation is desirable. Experience in the application of optimization theory and methods to the solution of: optimal trajectories, performance maximization, optimal trajectories, performance maximization, optimal control and guidance problems for application to aerospace vehicles. Time period for award: 24 months. |
| ZG | Aircraft Design | Experience in the application or development of methods used in flight vehicle design. This includes external aerodynamic configuration and internal component design, and requires analysis knowledge and experience in performance, aerodynamics, propulsion, flight control, mass properties or computer aided design methodology. Application of areas such as wind tunnel studies; airfoils; boundary layer control; turbulence; external and internal flow; stability and control; aerodynamic devices; aircraft shapes; steady or unsteady aerodynamic loads; aerodynamic heating; and aerodynamic prediction methods, with application to subsonic, transonic, supersonic, or hypersonic flows. Development or application of engineering procedures for predicting aeroelastic problems such as flutter, divergence or panel flutter in aircraft, missiles, or propulsion systems. This experience should include familiarity with unsteady aerodynamics, structural dynamics, aeroelastic wind tunnel and flight test procedures. Time period for award: 18 months. |
| ZH | Manufacturing - Operations | Assigned and involved in the production/manufacturing function. Must have participated in reviews/evaluations of a contractor's manufacturing operations including at least all of the following: work measurement system, equipment utilization, equipment replacement analyses, application of new manufacturing technology (materials and processes), work methods and manufacturing process. Time period for award: 24 months. |
| ZI | Manufacturing - Industrial Resources | Significant pre-award, award, and post-award activity associated with facilities and/or materials support for research and development, production, and maintenance/modification programs. Involves (1) providing, use, expansion, modernization/replacement, maintenance, and disposal of government-owned facilities, including the budgeting and management of necessary funds, and (2) priorities and allocations concerning materials and components. Time period for award: 24 months. |
| ZJ | Flight Test Engineer | Requires graduation from a flight test course of at least 6 months in duration. |
| ZK | Multi Sensor Display Group (MSDG) | Requires formal training and 3 consecutive months of experience, or 6 consecutive months of experience. |
| ZL | Guidance and Control/Inertial | Experience on an exploratory, advanced, or engineering development program in inertial guidance and control technology. Develops, tests, evaluates, and applies inertial guidance and control (G&C) technology to aerospace systems. Includes navigation and stability applications. Time period for award: 18 months. |
| ZM | Guidance and Control/Non-Inertial | Experience on an exploratory, advanced, or engineering development program in non-inertial guidance and control technology. Develops, tests, evaluates, and applies non-inertial guidance and control (G&C) technology (e.g., laser, TV, celestial, contour matching) to aerospace systems. Includes navigation and stability control. Time period for award: 18 months. |
| ZN | Propulsion - Air Breathing | Develops, tests, evaluates, or applies the air-breathing propulsion technology. Time period for award: 18 months. |
| ZO | Propulsion-Space Vehicle | Develops, tests, evaluates, or applies propulsion technology for space vehicle applications. Includes electric propulsion. Time period for award: 18 months. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| ZP | Structural Analysis | Experience in the development, application, or directing investigations of computational procedures for internal load analysis flight vehicle structures and component structures. This experience includes familiarity with finite element and other computer automated numerical methods and with the procedure for creating associated mathematical models that can accurately represent the actual behavior. Includes application of vibration damping concepts; advanced structural materials, fatigue analysis; fracture mechanics; dynamic loading weight and balance prediction and structural modification and repair technologies. Requires 12 consecutive months of experience. |
| ZQ | Space Flight Mechanics | Develops and directs the computation of space launch, orbital, ballistic missile and re-entry trajectories. Performs orbital analysis including ephemerides preparations and perturbation effects. Time period for award: 18 months. |
| ZR | Materials | Applies scientific and engineering fundamentals to develop and optimize design, processing techniques, and utilization of materials for aerospace applications. Analyzes material failures, corrosion problems, and material test data to determine causes of material deficiencies and proposes remedial action. Time period for award: 18 months. |
| ZS | Reliability/ Maintainability | Provides specialized engineering services required to establish concepts and programs for aerospace systems and equipment reliability and maintainability, including quantitative requirements, design criteria, failure modes, and demonstration requirements and techniques, production techniques, mathematical modeling and simulation and failure data collections, analysis, correction, and feedback. Time period for award: 18 months. |
| ZT | Technical Intelligence | Develops and utilizes procedures and techniques used in collecting, evaluating, interpreting, and disseminating technical intelligence reports, briefings, studies, or analyses. Requires 12 months of experience. |
| ZU | Electronic Warfare Systems | Conducts and manages research development, modification, and systems engineering in electronic countermeasures (ECM), electronic support measures (ESM), and electronic counter-countermeasures (ECCM) techniques, components, systems, subsystems, and equipment. Performs testing, studies, and analyses of threat systems, operations, and applications of ECM, ESM, and ECCM equipment. Time period of award: 18 months. |
| ZV | Packaging and Crating | Provides packaging engineering services and support in the design, development, test, and evaluation of methods of packaging and materials handling. Time period for award: 24 months. |
| ZW | Computer Hardware | Develops, tests, evaluates, and applies computer hardware technology within R&D activities. Includes experience with peripheral, interface, and processing equipment relating to all computer (large, mini, and microcomputer) systems. Requires 12 consecutive months of experience. |
| ZX | Avionics | Develops, tests, evaluates, or applies electronic technology for incorporation in aerospace systems. Systems include navigation, communications, autopilot, etc. Time period for award is 24 months. |
| ZY | Avionics Computer Program Development/ Modification | Experience in research, design, development, modification, and testing of programs and routines to direct the on-board computer to perform a desired operation or sequence of operations for digital avionics. Experience includes problem analysis, flow diagram preparation, preparation of details, tests, subroutine development, storage allocation, input-output format specification, and their incorporation into a complete digital subsystem. Experience will also concern an in-depth knowledge of avionics and related electronic engineering applications. Time period for award: 18 months. |
| ZZ | Ballistic Missile and Space Launch | Experience in a ballistic missile and space launch vehicle systems SPO. Applies engineering expertise to the design, development, and test of space and ballistic launch vehicles. Includes Minuteman, standard space launch vehicles, related upper systems (MX and space shuttle, etc.) Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION | | | | | | | | | | | | |
|-------------------|---|--|-------------------|-------------------|-------------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Z1 | Test Instrumentation Engineer | Responsible for system and/or major subsystem data acquisition systems in aerospace vehicles to monitor navigation, guidance and control, fire control, propulsion parameters, ground instrumentation for data acquisition and target monitor and general systems performance diagnostics. Familiar with Automatic Data Processing (ADP) equipment design and operations. Familiar with test instrumentation and test equipment. Formulates instrumentation test plans/procedures and evaluates test data. Requires 12 consecutive months of experience. | | | | | | | | | | | | |
| Z2 | Test Safety Engineer | Manages the system safety program, including aerospace systems, nuclear, explosive, range flight, and ground safety functions. Implements safety policies and provides guidance. Responsible for safety requirements and evaluates effectiveness of safety programs. Applies engineering principles to identification of hazards and to preventive actions required to correct system hazards. Prepares appropriate test safety documentation. Requires 12 consecutive months of experience. | | | | | | | | | | | | |
| Z3 | Parachutes, Aerial Delivery, and Recovery | Develops, tests, evaluates, and/or applies the appropriate technology for personnel, cargo, stabilization, deceleration, missile recovery, aerial delivery and dispenser systems. Time period for award: 18 months. | | | | | | | | | | | | |
| Z4 | Life Support Equipment | Develops, tests, evaluates, and/or applies the appropriate technology for helmets; eye protection; flying clothing; personal oxygen equipment; personal survival gear; dropable survival gear; oxygen masks; oxygen regulators; emergency oxygen systems; pressure suits; anti-G suits; body armor; crew member restraining devices; physical anthropology; ear defenders (protectors); escape systems; and capsules. Time period for award: 18 months. | | | | | | | | | | | | |
| Z5 | Crew Training Simulators | Experience in computer program and computer hardware design, development, documentation and test for crew training systems, including but not limited to flight simulators, radar, bomb or navigator EWO and instrument flight trainers. Must have detailed knowledge of real-time programming for digital computers which control simulation devices and an understanding of the processing algorithms input/output requirements and interface characteristics typical for simulation/training systems. Time period for award: 18 months. | | | | | | | | | | | | |
| Z6 | Flight Engineer | Requires participation in aerial flight as a nonrated non-crew member. Performs engineering, developmental, or systems monitoring activity while in flight. Designation requires 15 months of experience. | | | | | | | | | | | | |
| Z7 | Aircraft Battle Damage Repair (ABDR) Engineer | <p>Requires completion of the following combination of courses: NOTE: Courses are identified by PDS Code only in the table below.</p> <table border="1"> <tr> <td>516, 517, and 6A0</td> <td>0UZ, 517, and 6A0</td> <td>7AA, 517, and 6A0</td> </tr> <tr> <td>516, 517, 6VZ</td> <td>0UZ, 517, and 6VZ</td> <td>7AA, 517, and 6VZ</td> </tr> <tr> <td>516, 2B4, and 6A0</td> <td>0UZ, 517, and 6VZ</td> <td>7AA, 2B4, and 6A0</td> </tr> <tr> <td>516, 2B4, and 6A0</td> <td>0UZ, 2B4, and 6VZ</td> <td>6AA, 2B4, and 6VZ</td> </tr> </table> <p>Aircraft Battle Damage Repair Journeyman = MMUAIR0010800SU (PDS code 516), J4AMF/ASF/AST 430X0-000 (PDS code 0UZ), or J4AMF/ASF/AST 430X0-002 (PDS code 7AA).</p> <p>Aircraft Battle Damage Repair General Assessor = MMUAIR-0010900SU (PDS code 517), or J4AMF/ASF/AST 400X7-000 (PDS code 2B4).</p> <p>Introduction to Aircraft Battle Damage Repair Engineering = MMUAIR-0010700SU (PDS code 6AO), or AFIT WENY 441, Aircraft Battle Damage Repair (PDS code 6VZ).</p> | 516, 517, and 6A0 | 0UZ, 517, and 6A0 | 7AA, 517, and 6A0 | 516, 517, 6VZ | 0UZ, 517, and 6VZ | 7AA, 517, and 6VZ | 516, 2B4, and 6A0 | 0UZ, 517, and 6VZ | 7AA, 2B4, and 6A0 | 516, 2B4, and 6A0 | 0UZ, 2B4, and 6VZ | 6AA, 2B4, and 6VZ |
| 516, 517, and 6A0 | 0UZ, 517, and 6A0 | 7AA, 517, and 6A0 | | | | | | | | | | | | |
| 516, 517, 6VZ | 0UZ, 517, and 6VZ | 7AA, 517, and 6VZ | | | | | | | | | | | | |
| 516, 2B4, and 6A0 | 0UZ, 517, and 6VZ | 7AA, 2B4, and 6A0 | | | | | | | | | | | | |
| 516, 2B4, and 6A0 | 0UZ, 2B4, and 6VZ | 6AA, 2B4, and 6VZ | | | | | | | | | | | | |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| 1A | Stability and Control | Experience in the area of aerodynamic stability and control of aircraft or missiles. This includes the development or application of procedures to describe the flight dynamics of a vehicle including flying qualities, control system analysis, and aeroelastic/control interactions. Experience in mathematical analysis, analog, and digital computation and simulation, wind tunnel testing or flight testing to describe the behavior of a vehicle in flight is also desirable. Requires 12 consecutive months of experience. |
| 1B | Range Support | Experience in designing, developing, and analyzing digital computer techniques and equipment for the collection, processing, storage, transmission, and presentation of data from range instrumentation devices, including radars, electro-optical sensors, cine-theodolites, and telemetry systems. Time period for award: 18 months. |
| 1C | Airborne Digital EW Systems | Experience in computer program or computer hardware design, development, documentation, and test specifically related to electronic warfare systems. Must have knowledge of hardware and computer programming requirements for interrupt-driven, real-time systems used for threat acquisition or identification or power management. Time period for award: 18 months. |
| 1D | Digital Avionics Fire Control/Navigation System | Experience in computer program or computer hardware design, development, documentation, and test for target acquisition, guidance, navigation, fire control, radar data processing or stores management functions aboard aerospace vehicles. Must have detailed knowledge of real-time programming for computers, and an understanding of the processing algorithms, input/output requirements, and interface characteristics typical for the subject systems. Time period for award: 18 months. |
| 1E | Crew Station Engineering | Experience in the development of crew station geometry and arrangement of equipment, including switches, controls, display instruments, auxiliary systems, weapons release, etc. Knowledge of external and internal vision requirements, workload and delay of fatigue techniques, ground escape, and in-flight escape. Familiar with integrating ejection seats; and the physiological, mechanical, aerodynamic and propulsive aspects of aircrew degrees. Application of human engineering concepts to information display through mechanical, electrical and experimental techniques to evaluate such equipment for airborne or ground information systems. Time period for award: 24 months. |
| 1F | Environmental Control | Experience with the design, development, and modification of turbo-machinery and other machinery used for compression and expansion in environmental control. Knowledge of heat exchanger principles, fluid flow networks and controls, and methods to remove excess cabin heat to air, fuel, or other heat sinks. Familiar with requirements of cockpit and avionics bay environments. Time period for award: 24 months. |
| 1G | Test Facility Engineering | Experience in the design or operation of an engineering test facility. Specific experience should include test planning, coordination and procedures, as well as a familiarity with facility maintenance requirements and safety practices and regulations. Time period for award: 24 months. |
| 1H | System Safety | Experience in MIL-STD-882 activities required including planning and management of contractor system safety programs and/or working experience with inductive and deductive system safety techniques to any developmental engineering activity and be able to critically evaluate contractor system safety analyses. Requires 12 consecutive months of experience. |
| 1I | Ground Communications Electronics, Meteorological | Develops, tests, evaluates, and/or applies electronic and other engineering technologies for incorporation in ground CEM systems/equipment. These include navigation, communications, radar, command and control, air traffic control, satellite stations, remotely controlled vehicle stations, etc. Time period for award: 24 months. |
| 1J | Engineering Standards and Specifications | Manages, develops, reviews, coordinates, and maintains military standards and specifications involving systems, equipment, components, items, processes, etc. Manages, develops, and maintains design handbooks and aerospace vehicle characteristics guides. Requires 12 consecutive months of experience. |

| EXP SET | TITLE | EXPLANATION |
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| 1L | Support Equipment/ AGE | Requires 12 months in duties involving acquisition/development of support equipment. Support equipment includes all equipment required to perform the support function which is not an integral part of the mission equipment. It does not include any of the equipment required to perform mission operations functions. Support equipment should be interpreted as including tools; test equipment; organizational, field, and depot support equipment; and related computer programs and software. |
| COMPUTER EQUIPMENT EXPERIENCE SETS | | |
| 2A | Honeywell 6000 | Requires 12 consecutive months of experience. |
| 2B | IBM (VIRTUAL) | |
| 2C | IBM (Non-VIRTUAL) | |
| 2D | MULTICS | |
| 2E | Minicomputers (VIRTUAL) | |
| 2F | B3500/3700/4700 | |
| 2G | B6700 | |
| 2H | U1050-II | |
| 2I | RJETS | |
| 2J | B-4000 Series | |
| 2K | UNIVAC - Other | |
| 2L | CDC - Other | |
| 2M | Burroughs - Other | |
| 2N | CDC 6000 Series | |
| 2O | CDC 7000 Series | |
| 2S | U-9000 Series | |
| 21 | Micro Processors | |
| 22 | 8-Bit Minicomputers | |
| 23 | 16-Bit Minicomputers | |
| 24 | 32-Bit Minicomputers | |
| 25 | 65-Bit Minicomputers | |
| 26 | Minicomputers, Other | |
| COMPUTER LANGUAGE SKILLS EXPERIENCE SETS | | |
| 3A | COBOL | Experience sets 3A-3N require at least 1 year of experience in the design, programming, testing, and implementation of a computer language. |
| 3B | FORTRAN | |
| 3C | PL/1 | |
| 3D | ALGOL | |
| 3E | JOVIAL | |
| 3F | APL | |
| 3G | BASIC | |
| 3H | GPSS | |
| 3I | SIMSCRIPT | |
| 3J | Simulation Languages- Other | |
| 3K | SNOBOL | |
| 3L | List Processing Languages-Other | |
| 3M | File Format System (FFS) Language | |
| 3N | Assembly Languages | |

| EXP SET | TITLE | EXPLANATION |
|---------------------------------------|---|---|
| 3O | Programmer, General | At least 18 months of experience in a position responsible for the translation of detailed system performance specifications into computer software. Included are flow charting, coding, testing, documenting, implementing, and maintaining such software. |
| 3P | SDC Programmer Proficiency Trained | Requires 6 consecutive months of experience. |
| COMPUTER-OTHER EXPERIENCE SETS | | |
| 4A | Programmer/Analyst | At least 18 months of experience in a position responsible for the translation of overall system performance specifications and flow charts suitable for use by programmers. Responsible for performance of same coding and the direction of the efforts of subordinate programmers. |
| 4B | Systems Analyst | At least 18 months of experience in a position responsible for the translation of functional requirements into data systems and the planning and directing the activities of subordinate programmers and programmer/analysis in the development, test, and implementation of data system. |
| 4C | Network Management | At least 2 years of experience in a position responsible for the planning, implementation, systems development or operation of a computer network. Included are remote and on-line terminal integration with host processor, communications technology, front-end processor requirements, and host operating and application system configuration for multi-user processing. |
| 4D | MICRO Programming | At least 18 months of experience in the design, development, and maintenance of software or firmware for MICRO programmable systems. |
| 4E | Requirements Analyst | At least 18 months of experience in the processing and staffing of Data Automation Requirements in accordance with OMB, GSA, DoD and Air Force Manuals and Instructions; validating requirements, evaluating alternatives, recommending solutions; and issuing Data Project Directive and Plans. |
| 4F | CDTS | At least 18 months of experience in the definition, design, programming, and management of computer directed training systems. |
| 4G | Programming Productivity Techniques | At least 18 months of experience in a position responsible for the use of programming productivity techniques in the development of automated data systems. Included are experience with structured programming, Hierarchical plus Input-Process-Output (HIPO), and team programming concepts such as structured walk throughs, technical librarian and development support libraries. |
| 4H | ADP Security | At least 18 months of experience in a position responsible for planning, development, implementation, on evaluation of ADP security techniques and procedures. This includes both physical, communications, TEMPEST, and software/hardware security considerations. Includes service as WWMCCS ADP Security Officer (WASSO). |
| 4I | CPE | At least 18 months of experience in a position responsible for the application of computer performance evaluation techniques; evaluation of findings; generation of corrective action proposals; and the direction of a continuing CPE program. (EWI time may be counted). |
| 4J | Data Base Administration | At least 18 months of experience in a position responsible for the administration of data bases. Included are registration and certification of data elements; control of access; administration of codes and passwords; design of access techniques; contingency planning; evaluation and upgrade/replacement of storage media; and physical and software security; SCHEMA/SUB-SCHEMA definition; storage structure selection. |
| 4K | Graphics | At least 18 months of experience in the design, development, and maintenance of graphic display systems. Included are video display systems; fiber optics displays; liquid crystal and plasma display technologies. |

| EXP SET | TITLE | EXPLANATION |
|---------|---|---|
| 4L | Command and Control Hardware | Experience in research, design, development, installation, modification and testing of machines or groups of machines for command and control. These consist of input, storage, computing, control and output devices which use electronic circuitry in the main computing element to automatically perform arithmetic and/or logical operations by means of internally stored or externally controlled programmed instructions. Included, for example, may be central processor large-capacity storage data channels, input/output, and peripheral equipment in operational support of data processing equipment; and devices designed to convey data from its original state to a data-processing media. Specific experience required in the application of large sequential or parallel processors as well as mini- and micro-computers to Air Force processing problems. Must be cognizant of techniques of digital logic design, micro-programming, analog to digital conversion, computer graphics, display devices and computer network concepts. Equipment may be mechanical, electro-mechanical, electrical, or optical, generally at terminal ends of communications lines. They may include transmission devices, image transmission and reception systems, and data interface equipment. The equipment may be air or space borne or ground based. Time period for award: 18 months. |
| 4M | Command and Control Software | Experience in research, design, development, modification, and testing of programs and routines to direct the computer to perform a desired operation or sequence of operations for command and control. The experience includes inter-alia, problem analyses, flow diagram preparation, preparation of details, tests, subroutine development, storage location allocation input and output format specification, and their incorporation into a complete processing system. Experience may also concern executive (compiler or source), diagnostic, maintenance, and operational (object) programs. Time period for award: 18 months. |
| 4N | Systems Computer Program Support | Experience in research, design, development, modification, and testing of computer programs oriented to general systems support rather than particular application/functional tasks. Includes executive and operating systems, assemblers, compilers, data base management systems, and generalized utility systems. Requires knowledge of higher order language requirements, translator design, computer program verification/validation techniques, and advance programming techniques. Time period for award: 18 months. |
| 4O | Computer Aided Support for Automatic Test Equipment (ATE) | Experience in design, development, documentation, test, and application of programs (e.g., compilers and automatic test pattern generators) to aid in the development of ATE test programs. Knowledge of digital simulation or modeling of electronic circuits, electronic circuit analysis techniques, and computer system level programming (operating system, executive routines, compilers, etc.). Time period for award: 18 months. |
| 4P | Automatic Test Equipment | Experience in application of programs (e.g., compilers and automatic test pattern generators) to aid in the development of ATE test programs. Experience in electronic circuit analysis techniques to aid in the specification of parameter test tolerances and in the development of fault isolation procedures. Time period for award: 18 months. |
| 4Q | Digital Simulation for Operational Flight Program | Experience in design, development, documentation, test, and application of simulation programs to aid in the development and maintenance of OFP. Must have general knowledge of OFP applications programs to define their interfaces with the simulations. Example simulation programs are hot-bench applications such as threat simulations, internal (avionics equipment, multiplex bus, airframe, flight control, etc.) and external (atmosphere, earth, nav-aids) simulations. Time period for award: 18 months. |
| 4R | L-COM | Requires 12 months of experience. |

| EXP SET | TITLE | EXPLANATION |
|---|---|--|
| COMMUNICATIONS-ELECTRONICS EXPERIENCE SETS | | |
| 5C | Command, Control, and Communications Countermeasures (C3CM) | Requires completion of command, control, and communications countermeasures (C3CM) training for senior tactical battle managers. |
| 5D | Tactical Communications | Requires 12 consecutive months of experience. |
| 5E | Tactical Radar Maintenance | |
| 5H | Combat Information Systems Group (CISG) | Requires 12 months of experience and supervisor's recommendation. |
| 5J | Combat Camera (Created 30 Apr 97) | Requires 18 months of experience in combat camera operations or management, and recommendation by commander. |
| 6A | Precision Location Strike System (PLSS) | Requires 6 consecutive months of experience in certified task qualification and supervisor's recommendation. |
| 6D | TACS/Combat Communications Experience | Requires 12 consecutive months of experience. |
| 6L | AN/TYC-10 Message Processing Center | Requires 6 consecutive months of experience. |
| 61 | Information Assurance Technical Level 1 | Requires (1) assignment to perform information assurance technical support at the computing environment level (example: Client Support Administrator); (2) certification as either A+, Network+, or System Security Certified Practitioner (SSCP); and (3) recommendation of unit commander. |
| 62 | Information Assurance Technical Level 2 | Requires (1) assignment to perform information assurance technical support at the network environment level (example: Infrastructure Technician); (2) certification as either GIAC Security Essentials Certification (GSEC), Security+, Security Certified Network Professional (SCNP), or System Security Certified Practitioner (SSCP); and (3) recommendation of unit commander. |
| 63 | Information Assurance Technical Level 3 | Requires (1) assignment to perform information assurance technical support at the enclave level (example: Integrated-Network Operations and Security Center crew positions); (2) certification as either Certified Information Security Auditor (CISA), Certified Information Systems Security Professional (CISSP), GIAC Security Expert (GSE), or Security Certified Network Architect (SCNA); and (3) recommendation of unit commander. |
| TEST AND EVALUATION EXPERIENCE SETS | | |
| 7A | Operational Test and Evaluation (OT&E) | Requires 24 months of experience as an operational tester assigned to any headquarters or major command operational test activity (OTA) or deputy chief of staff (DCS) responsible for the conduct of OT & E, completion of the Air Force Operational Test and Evaluation Center OT & E Training Course or the Air Force Institute of Technology System 100 (PDS code 2RX) or 229 (PDS code TR9) course, and recommendation by the OTA commander or the DCS. |

| EXP SET | TITLE | EXPLANATION |
|---|---|--|
| MEDICAL EXPERIENCE SET (CONTINUED) | | |
| 8A | Associate International Health Specialist (IHS), (Created 30 Apr 01) | Requires qualification and proficiency in a core medical specialty (AFSC 4XX3/4). Minimum Defense Language Aptitude Battery score of 85 to demonstrate aptitude to learn at least a Category 1 language (Dutch, French, Italian, Portuguese, Spanish), or a 1/1 Defense Language Proficiency Test score in any language other than English. Eight cumulative weeks of deployed operational health services support experience in an overseas expeditionary setting in support of a contingency or peacetime security cooperation event. Substitution of this requirement may be considered for such civilian host country experiences as study abroad programs, missionary work, NGO/IO/PVO experience, or Peace Corps service. Completion of the web-based USAF International Health Specialist Orientation Course. Completion of the web-based or in-residence Joint Planner's Orientation Course (JPOC). Education and/or training in at least two of the following concentrations: (a) Region-specific coursework offered by the USAF Special Operations School. May substitute this requirement with other formal academic international relations, international affairs, or other geopolitical coursework acceptable to the IHS Program Office; (b) Basic formal coursework in civil-military operations; (c) basic formal coursework in public health or international health; (d) formal coursework, training or experience in the interagency process; (e) basic formal coursework in cross-cultural communication. The IHS Program Office is the sole approval authority for award of the experience set. |
| 8B | Regional Health Specialist (IHS), (Created 30 Apr 01) | Requires qualification and proficiency in a core medical specialty (AFSC 4XX3/4). A minimum 2/2 Defense Language Proficiency Test score for a language other than English. Eight cumulative weeks of deployed operational health services support experience in an overseas expeditionary setting appropriate to members foreign language proficiency in support of a contingency or peacetime security cooperation event. Completion of a regional and cultural awareness orientation course at USAF Special Operations School corresponding to individuals language proficiency. Completion of the web-based USAF International Health Support Orientation Course. Completion of the Joint Forces Staff College web-based or in-residence Joint Planner Orientation Course (JPOC). The Contingency/Wartime Planning Course (MCADRE002, PDS Code 82U), the Joint Medical Planners Course (J5OZO9000 003, PDS Code HX6, and other formal education and/or training in joint/interagency operational planning may substitute for this requirement as acceptable by the IHS Program Office. Completion of the NATO Civil-Military Coordination (CIMIC) Basic Course, the Joint Special Operations University Joint Civil-Military Operations Planning Workshop or Special Operations Forces Interagency Collaboration Course, the UN Civil-Military Coordination Course, or other formal education or training in civil-military operations may substitute for this requirement upon approval of the IHS Program Office. Completion of the Military Medical Humanitarian Assistance Course, Combined Humanitarian Assistance and Response Training (CHART), the USAID Joint Humanitarian Operations Course, international portions of public health degree programs and other formal education/training in humanitarian assistance and disaster response approved by the IHS Program Office. The IHS Program Office is the sole approval authority for award of this experience set. |

| EXP SET | TITLE | EXPLANATION |
|--|--|--|
| 8C | Global International Health Specialist (IHS) | Requires qualification and proficiency in a core medical specialty (AFSC 4XX3/4). Minimum Defense Language Aptitude Battery score of 100 to demonstrate aptitude to learn up to and including a Category IV language, or a 2/2 Defense Language Proficiency Test score in any language other than English. Eight cumulative weeks of deployed operational health services support experience in an overseas expeditionary setting in support of a contingency mission or peacetime security cooperation events. Completion of the web-based USAF IHS Orientation Course; the Joint Operations Medical Manager Course or Joint Task Force Senior Medical Leader Seminar (DMRTI). Completion of the USAF Special Operations School (USAFSOS) Cross-Cultural Communications Course. Completion of the Joint Interagency and Multinational Planner's Course, the Contingency/Wartime Planning Course (MCADRE002, PDS Code 82U) or the Joint Medical Planners Course (J5OZO9000 003, PDS Code HX6). Completion of the Military Medical Humanitarian Assistance Course (MMHAC). Completion of the Combined Humanitarian Assistance and Response Training (CHART), the USAID Joint Humanitarian Operations Course, the Help Emergencies in Large Populations (HELP) Course, an International Diploma in Humanitarian Assistance, international portions of public health degree programs, and other formal education or training in humanitarian assistance and disaster response may substitute for this program if acceptable by the IHS Program Office. At least four weeks experience in security cooperation or health-related positions that include regular interaction with other national militaries and/or governments. 12 months in an above wing-level assignment or temporary duty, such as OSD, SAF, HAF, Joint Staff, Unified and Combatant Commands, Defense Agencies, MAJCOMs, Warfighting Headquarters, NATO Staffs and deployed Joint Task Force Headquarters. The IHS Program Office is the sole approval authority for award of the experience set |
| COMMAND AND CONTROL EXPERIENCE SETS | | |
| 9A | Command and Control (C2), Air and Space Operations Center (AOC) (Created 30 Apr 99) | Requires graduation of one of the following courses: AOCIQTSYS (PDS: UIJ), AOCIQTNET (PDS: UIK), AOCIQTOFF (PDS: UIM), AOCIQTDEF (PDS: UIN), AOCIQTISR (PDS: UIO), AOCIQTCOM (PDS: UIQ), AOCIQTAMD (PDS: UIR), AOCIQTICO (PDS: UIS), AOCIQTASP (PDS: UIT), AOCIQTPR (PDS: UNI), AOCIQTSTR (PDS: UIW), AOCIQTOFT (PDS: UIY) AOCIQTIST (PDS: UIZ), AOCIQTAMT (PDS: UJI), or AOCIQTICT (PDS: UJO). |
| 9B | Command and Control (C2), Interface Control Officer (ICO) | Requires completion of either one of the following: Graduation from JT301 course (PDS Code LI1) and graduation from the AOC Formal Training Unit (FTU) course AOCIQTICO (PDS Code UIS). OR: Graduation from JT301 (PDS Code LI1) prior to 2002, commander's recommendation to receive the SEI and one of the following: (1) completion of any contingency operations or air and space expeditionary force (AEF) temporary duty (TDY) tour at an AOC (combined or joint) of at least 6 months; or (2) 6 months of experience while assigned to an AOC entity (combined or joint). |

| EXP SET | TITLE | EXPLANATION |
|----------------|--|---|
| 9G | Electronic Warfare Capability Specialist | Requires a minimum of 11 months of experience as an Electronic Warfare Capability Specialist, or previous MQT as an Electronic Warfare Capability Specialist. For AFSCs 71SX, completion of the Information Warfare Applications Course (IWAC) is mandatory. Authorized for use with AFSCs: E11XX, E12XX, 12BXA/C/D/E/W, 12FXB/C/G/J/K/V, 12RXC/H, 12SXA/D/H/K/W, E13BX, 13SXA/D/E, E14NX, E21AX, E21BX, E21MX, E33SX, E62EXE, 71SX. |
| 9H | Electronic Warfare Operations Planner | Requires a minimum of 11 months of experience as an Electronic Warfare Operations Planner, award of SEI O9G, and completion of both the Electronic Warfare Coordinator's Course and Information Operations Integration Course (IOIC); or previous MQT as an Electronic Warfare Operations Planner. |
| 9I | Network Attack (NetA) Capability Specialist | Requires award of either SEI O9J or O9K, and completion of either Weapon System Formal Training Unit (FTU), or a minimum of 11 months of experience as a Network Attack (NetA) Capability Specialist, or previous MQT as a NetA Capability Specialist. |
| 9J | Network Defense (NetD) Capability Specialist | Requires either a minimum of 11 months of experience as a Network Defense (NetD) Capability Specialist and completion of the Undergraduate Network Warfare Training; or previous MQT as a NetD Capability Specialist. For AFSCs 71SX, completion of an Information Warfare Applications Course (IWAC) is required. Authorized for use with AFSCs: 13SX, 14NX, 33SX, 62EXE/C, 71SX. |
| 9K | Network Warfare Support (NS) Capability Specialist | Requires a minimum of 11 months of experience as a Network Warfare Support (NS) Capability Specialist, and completion of either, the Basic Digital Network Analysis Course (BDNAC), the Intermediate Digital Network Analysis Course (IDNAC), or the Undergraduate Network Warfare Training; or MQT as an NS Capability Specialist. For AFSCs 71SX, completion of Information Warfare Applications Course (IWAC). Authorized for use with AFSCs: 13SX, 14NX, 33SX, 62EXEC/C, 71SX. |
| 9L | Network Warfare Operations Planner | Requires a minimum of 11 months of experience as a Network Warfare Operations Planner or completion of the IO Integration Course (IOIC) and award of SEI O9I, O9J, or O9K; or previous MQT as a Network Warfare Operations Planner. |
| 9M | Counter Intelligence (CI) Capability Specialist | Requires a minimum of 11 months of experience as a Counter Intelligence (CI) Capability Specialist, and completion of the Information Warfare Applications Course (IWAC); or previous MQT as a CI Capability Specialist. Authorized for use with AFSCs 71SX only. |
| 9N | Military Deception (MD) Capability Specialist | Requires completion of Operational Military Deception Course (AF) or Joint Military Deception Training Course (joint), full qualification in Air Operations Center weapon system (if required at WFHQ or NAF) and 11 months as a fully trained, primary duty MILDEC planner or program manager. Tactical level positions (Wing and/or Installation) will not qualify for award of this SEI. |
| 9O | Operations Security (OPSEC) Capability Specialist | Requires a minimum of 11 months of experience as an Operations Security (OPSEC) Capability Specialist, and AF Signature Management Course (FY08) or the AF OPSEC Program Manager Course. Interagency OPSEC Support Staff (IOSS) DoD 2400 course may be substituted with MAJCOM Program Manager written approval. Additionally, must perform 11 months as a primary OPSEC Capability Specialist at any level (Wing thru MAJCOM). Authorized for use with the following AFSCs: 11XX, 12XX, 13XX, 14NX, 16GX, 16RX, 33SX, 62EX |
| 9P | Public Affairs (PA) Capability Specialist | Requires a minimum of 11 months of experience as a Public Affairs IO (PA) Capability Specialist, or completion of the Information Warfare Applications Course (IWAC) plus a PA specific, follow-on influence operations training module; or previous MQT as a PA Capability Specialist. Authorized for use with AFSCs 35PX only. |

| EXP SET | TITLE | EXPLANATION |
|----------------|---|--|
| 9Q | Psychological Operations (PSYOP) Capability Specialist | Requires (1) AF Psychological Operations (PSYOP) Program Manager selection for and completion of US Army PSYOP Officer Qualification Course, and (2) one Information Operations (IO) or Influence Operations course, such as, but not limited to the IO Integration Course (39 IOS), Joint Operational Influence Seminar (USAFSOS), Signature Management Course (39 IOS), or IO Fundamental Applications Course (AFDDEC). There is no time in position requirement. Authorized for use with AFSC 61S3B, or any other AFSC with approval of AF PSYOP Program Manager. |
| 9R | Influence Operations Planner | Requires a minimum of 11 months in a primary Influence Operations duty position at WFHQ, NAF, JTF, MAJCOM, or COCOM staff; and fully qualified for that position. Candidates may substitute an additional 12 months in position for attendance of IO Integration Course (IOIC). |
| 9S | General Information Operations (IO) Planner | Requires a minimum of 11 months of experience as a General Information Operations (IO) Planner, and completion of the IO Integration Course (IOIC), or award of any capability specialist SEI; or previous MQT as a General IO Planner. |
| 9T | Joint IO Planner | Requires a minimum of 11 months of experience as a Joint IO Planner, and completion of the Joint IO Planning Course, and award of any capability specialist or planner SEI; or previous MQT as a Joint IO Planner. |
| 9U | Information Operations Staff Officer | Requires a minimum of 11 months of experience as an Information Operations Staff Officer and award of any IO capability specialist or planner SEI; or previous MQT as an Information Operations Staff Officer. |
| 9V | IO Legal Advisor | Designation requires completion of the Legal Aspects of Information Operations Law Course, Computer Legal Issues Course, 11 months experience as an IO Legal Advisor, and approval from the Judge Advocate General. Authorized for use with the AFSC 51JX only. |
| 91 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Operations Division (COD) (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification in a crew position within the COD IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 92 | Command and Control (C2), Air and Space Operations Center (AOC) Air Mobility Division (AMD) (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification in a crew position with the AMD IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 93 | Command and Control (C2), Air and Space Operations Center (AOC) Strategy Division (SD), Operations Assessment Team (OAT) (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as a TET member IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 94 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Plans Division, Targeting Effects Team (TET) (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as an OAT member IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |

| EXP SET | TITLE | EXPLANATION |
|------------------------------|---|---|
| 95 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Plans Division (CPD), Master Air Attack Plan (MAAP) Team (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as a MAAP Team member IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 96 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Plans (CPD), air Tasking Order (ATO) Production Team (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as an ATO Production Team member IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 97 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Plans Division (CPD), C2 Planning Team (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as a C2 Planning Team member IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 98 | Command and Control (C2), Air and Space Operations Center (AOC) Air Tasking Order (ATO) Coordinator/ Team (Created 31 Dec 06) | Requires: (1) Award of SEI Y9A and; (2) Combat Mission Ready (CMR) certification as an ATO Coordinator IAW AFI 13-1AOC, Standardization/ Evaluation Program Air and Space Operations Center, Vol 2. |
| 99 | Command and Control (C2), Air and Space Operations Center (AOC) Combat Operations Division (COD), Personnel Recovery Coordination Cell (PRCC) | Requires: (1) Award of SEI Y9A and ; (2) Combat Mission Ready (CMR) certification as a PRCC team member IAW AFI 13-1AOC, Vol 2, Standardization/Evaluation Program-Air and Space Operations Center. |
| OTHER EXPERIENCE SETS | | |
| 0A | Special Programs | Designation approval based on AFPC evaluation of experience. |
| 0B | Management/Exchange | |
| 0C | | |
| 0D | Exchange Tour - European Area | Designation approval based on AFPC evaluation of experience. |
| 0E | Exchange Tour - Pacific Area | |
| 0F | Exchange Tour - Western Hemisphere | |
| 0G | Exchange Tour - Sister Service | |

| EXP SET | TITLE | EXPLANATION |
|---------|---|--|
| 0H | Personnel Support For Contingency Operations (PERSCO) | Requires Military Personnel Flight Commander recommendation and completion of all mandatory task performance requirements identified in the Personnel Support for Contingency Operations (PERSCO) Air Force Job Qualification Standard (JQS). NOTE: All mandatory task performance requirements must be completed within 12 months of the date assigned to PERSCO for active duty personnel, and 18 months of date assigned to PERSCO for Guard and Reserve personnel, according to AFI 10-215. |
| 0I | Information Assurance Management Level 1 | Requires (1) assignment to perform information assurance managerial support at the computing environment level; (2) certification as either GIAC Information Security Fundamentals (GISF), GIAC Security Leadership Certificate (GSLC), or Security+; (3) recommendation of unit commander. There are no minimum grade or skill level requirements to be awarded the SEI. |
| 0J | Information Assurance Management Level 2 | Requires (1) assignment to perform information assurance managerial support at the network environment level; (2) certification as either GIAC Security Leadership Certificate (GSLC), Certified Information Security Manager (CISM), or Certified Information Systems Security Professional (CISSP); (3) recommendation of unit commander. There are no minimum grade or skill level requirements to be awarded the SEI. |
| 0K | Information Assurance Management Level 3 | Requires (1) assignment to perform information assurance managerial support at the enclave level; (2) certification as either GIAC Security Leadership Certificate (GSLC), Certified Information Security Manager (CISM), or Certified Information Systems Security Professional (CISSP); (3) recommendation of unit commander. There are no minimum grade or skill level requirements to be awarded the SEI. |
| 0L | Air National Guard Readiness Center (ANGRC) | Requires completion of ANGRC Contingency Support Staff Training Course. |
| 0M | Quality Air Force (QAF) Advisor | Requires a minimum of 100 hours of quality related training by a professional body such as the Air Force Quality Institute or American Society for Quality Control; one year of experience as a Quality Advisor to an organizational commander when more than 50 percent of individual's time is spent working quality issues or 6 months of experience when 100 percent of time is spent working quality issues; and wing or equivalent commander recommendation. NOTE: Individuals previously awarded experience set 0J - Air Force Quality Advisor may be awarded 0M based on their prior qualification. |
| 0N | Quality Air Force (QAF) Facilitator | Requires graduation from a QAF facilitator course; facilitate or cofacilitate minimum of two process action teams (includes quality councils, other teams such as natural work teams, and seminar groups in formal courses at the Air Force Quality Institute or other organization teaching QAF); successfully demonstrate facilitation skills from start to finish under mentorship of a QAF qualified facilitator; and possess QAF Facilitator Certificate issued by a wing or equivalent commander. NOTE: Individuals previously awarded experience set 0K may be awarded 0N based on their prior qualification. |
| 0P | Quality Air Force (QAF) Instructor | Requires completion of all five formal QAF core courses and determination of proficiency to teach content material; proficiency determination in instructor areas of presentation and platform skills by a QAF Master Instructor; successful evaluation by a QAF Master Instructor; and possess a QAF Instructor Certificate issued by wing or equivalent commander. |

| EXP SET | TITLE | EXPLANATION |
|---------|---|--|
| 0Q | Quality Air Force (QAF) Master Instructor | Requires qualification as a QAF Instructor; have successfully taught all QAF core courses (Awareness, QAF Leaders, QAF Team Leader, QAF Facilitator, and QAF Team Member); successful completion of Advanced Instructional Systems course; successful evaluation by a QAF Master Instructor; and possess a QAF Master Instructor Certificate signed by the Air Force Quality Institute and wing or equivalent commander. |
| 0R | Arms Control (Created 30 Apr 97) | Requires completion of course AFACC-001 (PDS code B3I), 9 months of experience, and commander's recommendation. |
| 0S | Modeling and Simulation (M&S) Awareness | Requires completion of the on-line Air Force Modeling and Simulation Introductory Course (PDS Code K6I) and either (1) 4 months of experience in a valid M&S position overseas (e.g. Korea Air Simulation Center and the Warrior Preparation Center), or (2) 6 months of experience in a valid M&S position in the CONUS. |
| 0T | Weapons of Mass Destruction-Civil Support Team (WMD-CST) Member | Requires (1) assignment to a DoD certified Weapons of Mass Destruction—Civil Support Service Team (WMD-CST); (2) completion of the 8-week Chemical, Biological, Radiological, Nuclear (CBRN) Emergency Responder Training module of the Civil Support Skills Course (CSSC) conducted by U.S. Army Chemical School, Fort Leonard Wood, Missouri (MO) (CSSC XXXX; first two digits represent the class year, the second two digits represent the class number); and (3) certification by the unit commander via AF Form 2096, Classification/On-The-Job-Training Action, that the individual has completed CSSC XXXX and the WMD-CST has been certified by DoD. There are no minimum grade or skill level requirements to be awarded the SEI. Authorized for use with the following AFSCs: 12BX, 21AX, 21MX, 21RX, 30C0, 31PX, 32EX, 33SX, 38FX, 41AX, 42GX, 43EX, 43HX, 43MX, 43TX, 44AX, 44EX, 44FX, 44GX, 44MX, 44YX, 46NX, 48AX, 48GX, 48RX, 48VX, 61SX. <i>NOTE 1:</i> Currently only the National Guard has the WMD-CST mission requirement. No active duty or Reserve positions are impacted. If the mission expands to either the active duty or Reserve components, the respective component career field managers must be advised and coordinate where and which AFSCs and positions will be impacted <i>NOTE 2:</i> Guard personnel transferred to the active component will retain the experience set for possible future contingency/deployment requirements. |
| 0U | Force Support Transition Training | Award requires completion of Force Support Transition Training |
| 0V | Victim Advocate | Requires local victim advocate training and certification by a sexual assault response coordinator (SARC). |
| 0W | Modeling and Simulation (M&S) Manager Level | Requires (1) successful completion of either the Air Force M&S Manager's Course or Army FA57 Course; and (2) personnel must be assigned to a designated M&S position for one year or as determined by the AFPC Development Team. |
| 0X | Modeling and Simulation (M&S) Senior Leader | Requires (1) successful completion of the AF M&S Senior Leader seminar, and (2) personnel must be assigned to a designated M&S position for one year or as determined by the AFPC Development Team. |
| 0Y | Level I - Sexual Assault Response Coordinator (SARC) | Requires graduation from the MAFHRMS 140, Sexual Assault Response Coordinator (SARC) Course. (PDS Code QBX). |
| 0Z | Level II - Sexual Assault Response Coordinator (SARC) | Requires graduation from the MAFHRMS 140, Sexual Assault Response Coordinator (SARC) Course (PDS Code QBX) and 12 months experience. |

| EXP SET | TITLE | EXPLANATION |
|---------|--|--|
| 01 | Chemical, Biological, Radiological, and Nuclear(CBRN) Qualification Level I | <p>Requires: (1) Education: Appropriate BS in a CBRN-related science; (2) Training-Science Focus: Completion of the AF CBRN 100 Course, TDY; (3) completion of a minimum of two training courses outside current specialty (i.e., The Chemistry of Chemical Weapons [CIA]; Small Scale Production of Biological Agents [CIA]; Nuclear Technology Proliferation Workshop [CIA]; Instructor [CBRN related class, <u>AFA etc-classes as defined by CBRN degree definition</u>]); and (4) Experience: Total of 3 years of CBRN experience.</p> <p>NOTE: See https://www.a3a5.hq.af.mil/a3s/a3sn/events/index.asp for more training courses.</p> |
| 02 | Chemical, Biological, Radiological, and Nuclear (CBRN) Qualification Level II | <p>Award requires: (1) Completion of CBRN Level I requirements; (2) Education: Twelve graduate hours in CBRN Science or (Desired) Masters Degree in related CBRN specialty; (3) Training-Science/ Policy Focus: Completion of two training courses (i.e., Theater Nuclear Operations Course (TNOC); WMD Radiological/Nuclear Awareness (DHS); Weapons of Mass Destruction: Challenge and Response [Air War College]; Chemical and Biological Warfare Proliferation Course [CIA]; Instructor [CBRN related class, <u>AFA etc</u>]); and (4) Experience: Total of 5 years of CBRN experience.</p> <p>NOTE: See https://www.a3a5.hq.af.mil/a3s/a3sn/events/index.asp for more training courses.</p> |
| 03 | Chemical, Biological, Radiological, and Nuclear (CBRN) Qualification Level III | <p>Award requires: (1) Completion of CBRN Level II requirements; (2) Education: Masters Degree or PhD in related CBRN Specialty; (3) Training-Senior Policy Focus: Completion of two training courses (i.e., US Army Chemical School JSLC [Joint Senior Leaders Course, CBRN]; National Defense University Center for Study of Weapons of Mass Destruction [WMD]-Symposium [2004 Combating WMD: 10 Challenges for the next 10 years]/<u>Other CBRN Community Conferences</u>); and (4) Experience: Total of 7 years of CBRN experience or 5 years experience and a PhD.</p> <p>NOTE: See https://www.a3a5.hq.af.mil/a3s/a3sn/events/index.asp for more training courses.</p> |
| 04 | Army Combat Skills Training (CST) (Created 31 Dec 06) | Requires completion of the Army Combat Training course(s) as required for deployment with the Army. |
| 05 | AFSO21 Level I Certification | <p>Requires (1) Completion of the AFSO21 Level 1 Facilitators Course; (2) Training level proficiency as identified in AFSO21 Training & Education Competencies Matrix; and (3) <u>Experience</u>: Participate in three improvement events (observe one, assist/co-facilitate in a second event, and lead/facilitate the third event).</p> <p>NOTE: Level I certification requires the approval of a Level II certified member of the individual's respective MAJCOM CCO/CVO (AFSO21 Office) or SAF/SO (AF Smart Operations Office).</p> |
| 06 | AFSO21 Level II Certification | <p>Requires (1) Completion of all Level I certification requirements; (2) Completion of an AFSO21-approved Level II Training Course; (3) Proficiency to the Training Levels as identified in AFSO21 Training and Education Competencies Matrix; (4) <u>Experience</u>: Ten additional improvement events (above and beyond the three events required for Level I certification); (5) Mentor two Level Is; an (6) Be exposed to more than one Continuous Process Improvement (CPI) Methodology.</p> <p>NOTE: Certification requires approval by a Level III certified member of the individual's respective MAJCOM CCO/CVO or SAF/SO approval.</p> |

| EXP SET | TITLE | EXPLANATION |
|---------|--------------------------------|--|
| 07 | AFSO21 Level III Certification | Requires (1) Completion of all Level I & II certification requirements; (2) <u>Experience</u> : Twenty (waiverable) additional improvement events (above and beyond Level II event requirements); and (3) Mentor two Level IIs. <i>NOTE</i> : Level III Certification requires approval of the AFSO21 Certification Board (comprised of SAF/SO, HAF 2-digit, & MAJCOM reps) and the Director of Air Force Smart Operations. |
| 08 | Manpower-Personnel | Served as a Manpower-Personnel officer prior to conversion to AFSC 38FX. |
| 09 | Services | Served as a Services officer prior to conversion to AFSC 38FX. |
| 00 | Experience undetermined | Self explanatory. |

**Attachment 1
OFFICER
CHANGE SUMMARY AND CONVERSION INSTRUCTION GUIDE
FOR 31 JANUARY 2010**

Introduction

Standard Conversion Instructions: Note number in the “Conversion Instructions Notes” column of this Change Summary and Conversion Instruction Guide refers to the standard instructions listed below. Notes are used singly or in combination to cover conversion instructions. However, written specific instructions may be added or substituted when a change requires special clarification.

NOTE INSTRUCTIONS

| | |
|------------|--|
| 1. | Code deleted from Officer Classification Structure. |
| 2. | Code added to Officer Classification Structure. |
| 3. | <u>Direct conversion.</u> Automatically converts directly in Military Personnel Data System (MilPDS). Report on Individual Person (RIP) source document is provided. After all conversion actions are completed, Military Personnel Section (MPS) must update personnel into a valid manpower programming and execution system (MPES) position, when available. |
| 4. | No conversion action is required. |
| 5. | Title change. |
| 6. | See “Officer Authorized Prefixes” section of the AF Officer Classification Directory for an explanation of prefix award and deletion criteria. |
| 7. | A review and evaluation of an individual’s qualifications are required before designation of this experience set. AFPC assignment manager, force development manager, or Headquarters Air Force (HAF) career field manager will accomplish review to determine designation of appropriate SEI. Using the applicable activity code and the experience set will form SEI. |
| 8. | Indirect conversion. Action required as follows: a. Personnel. First AFSC listed under "New AFSC" column is the "preselect AFSC" which will be automatically selected and shown in preconversion listing available to MPSs by 15 December 2009. MPSs, with the help of local functional representatives, will review and evaluate preselect preconversion to determine if duty AFSC (DAFSC) matches manpower position conversion, and if P/2/3 AFSCs are correct according to individual's qualifications. More than one AFSC associated with this conversion may be awarded if individual qualifies based on background and experience. If review and evaluation finds preselect AFSCs are correct, MPSs allow them to stand in MilPDS. If incorrect, MPSs must ensure that indirect conversion actions are appropriately updated post-conversion in MilPDS and source documents provided to the Airman and ARMS for file in his/her ARMS electronic record. For those Airmen not remaining in the preselect AFSC, MPSs must either prepare an AF Form 2096, <i>Classification On-the-Job-Training Action</i> , documenting the correct indirect conversion AFSC information or edit the RIP produced after the conversion. After all conversion actions are completed, MPS must update personnel into a valid MPES position, when available. See AFCSM 36-699, volume 1, <i>Military Personnel Flight (MPF) Management and Military Personnel Data System (MilPDS) User Guidelines</i> , para 5-2. b. Manpower. With the help of the functional manager, determine unit manpower document (UMD) changes required to effect conversion and implement those changes in the MPES. |
| 9. | MilPDS table changes required. |
| 10. | MDS table changes required. |

| Change Summary and Conversion Instructions Guide (Explanation of notes in "Conversion Instruction Notes" column is on the introduction page.) | | | | | |
|---|--|-----------------|------------------|--|---|
| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
| Prefix A | Operational Warfare Instructor | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix B | Squadron Operations/ Operations Support Officer | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H3G, 12K3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix C | Commander | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H3G/2G/1G, 12K3D/1D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix E | Electronic Warfare (EW) Support Duty | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix F | Aircraft Systems Flight Evaluation | No Change | No Change | Terminology is updated to replace Navigators with CSOs. List of authorized AFSCs is revised to: Add: 11H3G, 12K3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix G | Automated Systems Program Designer | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix H | Military Consultant to the Surgeon General | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 4, 10. |
| Prefix J | Parachutist | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 4, 9. Manpower: 2, 4, 10. |
| Prefix K | Instructor | No Change | No Change | Terminology is updated to replace Navigators with CSOs. List of authorized AFSCs is revised to: Add: 11H3G, 12K3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix L | Life Support | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix M | Medical Service Specialist | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|-------------------------------------|---|--|--|---|---|
| Prefix N | Navigator/Air Battle Manager (ABM) Required | No Change | Combat Systems Officer (CSO)/Air Battle Manager (ABM) Required | 1. Prefix is retitled. 2. Terminology is updated to change office symbol, update suffix titles, and replace Navigators with CSOs. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| Prefix P | Pilot Required | No Change | No Change | Terminology is updated to change office symbol, update suffix titles and retitle M suffix. | No conversion action |
| Prefix Q | Standardization and Evaluation | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix R | Contingency/War Planner | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix S | Safety | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix T | Formal Training Instructor | No Change | No Change | List of authorized AFSCs is revised to: Add: 11HXG, 12KXD. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix U | Information Operations | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix V | Automated Functional Applications Analyst | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| Prefix W | Weapons and Tactics Instructor | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 11U4/3. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10 |
| Prefix Y | Analytical Studies Officer | No Change | No Change | List of authorized AFSCs is revised to: Add: 11H4G/3G, 12K4D/3D. | MPF: 2, 4. AFPC: 2, 9. Manpower: 2, 10. |
| 11H4C/ 11H3C/ 11H2C/ 11H1C | Helicopter Pilot, UH-1N | 11H4C/ 11H3C/ 11H2C/ 11H1C 11H4G/ 11H3G/ 11H2G/ 11H1G | Helicopter Pilot, UH-1N Helicopter Pilot, CVLSP | AFSCs 11HXG are established as authorized identifiers in the officer classification system. Selected 11HXC personnel and positions will indirectly convert to AFSCs 11HXG. | Indirect Conversion MPF: 2, 8. AFPC: 2, 8, 9. Manpower: 2, 8, 10. |
| 11RXM | Reconnaissance/Surveillance/Electronic Warfare Pilot, RC-12 | No Change | Reconnaissance/Surveillance/Electronic Warfare Pilot, MC-12 | AFSC 11RXM is retitled. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|---------------------------|--|--|---|--|---|
| 11RXP | Reconnaissance /Surveillance/ Electronic Warfare Pilot, HC-130 Recap | No Change | Reconnaissance /Surveillance/ Electronic Warfare Pilot, HC-130J | AFSC 11RXP is retitled. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| 12XX | Navigator Utilization Field Introduction | No Change | Combat Systems Officer Utilization Field Introduction | Introduction is retitled and revised to remove references to Navigator and replace with Combat Systems Officer. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12BX | Bomber Navigator | No Change | Bomber Combat Systems Officer | AFSC 12BX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12EX | Experimental Test Navigator | No Change | Experimental Test Combat Systems Officer | AFSC 12EX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12FX | Fighter Navigator | No Change | Fighter Combat Systems Officer | AFSC 12FX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12GX | Generalist Navigator | No Change | Generalist Combat Systems Officer | AFSC 12GX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12KX | Trainer Navigator | No Change | Trainer Combat Systems Officer | AFSC 12KX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12K4A/ 12K3A/ 12K1A | Trainer Navigator, SUNT, Navigator General | 12K4A/ 12K3A/ 12K1A 12K4D/ 12K3D/ 12K1D | Trainer Combat Systems Officer, SUNT, Navigator General Trainer Combat Systems Officer, Instructor, Undergraduate CSO Training | AFSCs 12KXD are established as authorized identifiers in the officer classification structure. Selected 12KXA personnel and positions will indirectly convert to AFSCs 12KXD. | Indirect Conversion MPF: 2, 8. AFPC: 2, 8, 9. Manpower: 2, 8, 10. |
| 12K4B/ 12K3B/ 12K1B | Trainer Navigator, SUNT, EWO | 12K4B/ 12K3B/ 12K1B 12K4D/ 12K3D/ 12K1D | Trainer Combat Systems Officer, SUNT, EWO Trainer Combat Systems Officer, Instructor, Undergraduate CSO Training | AFSC 12KXB is retitled. Selected 12KXB personnel and positions will indirectly convert to AFSCs 12KXD. | Indirect Conversion MPF: 5, 8. AFPC: 5, 8, 9. Manpower: 5, 8, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|---------------------------|--|--|---|--|---|
| 12K4C/ 12K3C/ 12K1C | Trainer Navigator, SUNT, WSO | 12K4C 12K3C 12K1C 12K4D 12K3D 12K1D | Trainer Combat Systems Officer, SUNT, WSO Trainer Combat Systems Officer, Instructor, Undergraduate CSO Training | AFSC 12KXC is retitled. Selected 12KXC personnel and positions will indirectly convert to AFSCs 12KXD. | Indirect Conversion MPF: 5, 8. AFPC: 5, 8, 9. Manpower: 5, 8, 10. |
| 12MX | Mobility Navigator | No Change | Mobility Combat Systems Officer | AFSC 12MX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12RX | Reconnaissance /Surveillance/ Electronic Warfare Navigator | No Change | Reconnaissance /Surveillance/ Electronic Warfare Combat Systems Officer | AFSC 12RX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12RXP | Reconnaissance /Surveillance/ Electronic Warfare Navigator, HC-130 Recap | No Change | Reconnaissance /Surveillance/ Electronic Warfare Combat Systems Officer, HC-130J | AFSC 12RXP is retitled. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12SX | Special Operations Navigator | No Change | Special Operations Combat Systems Officer | AFSC 12SX is retitled. Also, specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| 12UX | Unmanned Aircraft Systems | No Change | No Change | Specialty description is revised to update terminology. | MPF: 4, 5. AFPC: 5, 9. Manpower: 5, 10. |
| RI 92W0 | Wounded Warrior | No Change | Potential Wounded Warrior | 1. RI is retitled. 2. Publication cite is updated. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W1 | Wounded Warrior, Tracking | No Change | Reserved for Future Use | 1. RI is retitled. 2. Updated the criterion. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W2 | Wounded Warrior, Tracking | No Change | Wounded Warrior | 1. RI is retitled. 2. Updated the criterion. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W3 | Wounded Warrior, Tracking | No Change | Wounded Warrior – Returned to Duty | 1. RI is retitled. 2. Updated the criterion. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W4 | Wounded Warrior, Tracking | No Change | Wounded Warrior – Limited Assignment Status (LAS) | 1. RI is retitled. 2. Updated the criterion. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|---------------------|---------------------------|-----------------|---------------------------------------|---|---|
| RI 92W5 | Wounded Warrior, Tracking | No Change | Wounded Warrior – Retired/ Discharged | 1. RI is retitled. 2. Updated the criterion. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W6 | Wounded Warrior, Tracking | No Change | Reserved for Future Use | RI is retitled. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W7 | Wounded Warrior, Tracking | No Change | Reserved for Future Use | RI is retitled. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W8 | Wounded Warrior, Tracking | No Change | Reserved for Future Use | RI is retitled. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |
| RI 92W9 | Wounded Warrior, Tracking | No Change | Warrior Care | RI is retitled. | MPF: 4, 5. AFPC: 4, 5, 9. Manpower: 4, 5, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|--------------|---------------|------------|--|---|--|
| None | None | Exp Set HC | Collateral Duty Mediator Level I Certification | <p>1. Exp Set HC is established as an authorized identifier in the officer classification structure.</p> <p>2. Award requires (1) successful completion of formal training course MAFHRMS 126, Basic mediation Course (PDS Code NBI), or a comparable course of instruction consisting of a minimum 30 hours in the classroom that teaches the facilitative model of mediation, (2) experience in a minimum of three co-mediations or mediation mentoring sessions in actual Air Force workplace disputes, each under the guidance of an experienced mediator, who provides feedback, a written evaluation, and recommendation for certification. The evaluating mediator must either be certified under these Guidelines at Level II or higher, or must be waived by SAF/GCD from the certification requirement, (3) recommendation for certification by the installation ADR (alternative dispute resolution) Champion, accompanied by the written evaluations, (4) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set.</p> <p>3. Authorized for use with any AFSC.</p> | MPE: 2, 7. AFPC: 2, 7, 9. Manpower: 2, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|---------------------|----------------------|-----------------|---|--|--|
| None | None | Exp Set HD | Collateral Duty Mediator Level II Certification | <p>1. Exp Set HD is established as an authorized identifier in the officer classification structure.</p> <p>2. Award requires (1) successful completion of all Level I certification requirements, (2) experience in a minimum of 20 career solo mediations, at least 15 of which occurred in Air Force workplace disputes, and at least 8 of which occurred in the two years preceding the application for certification, (3) recommendation for certification by the installation or MAJCOM ADR (alternative dispute resolution) Champion, (4) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set.</p> <p>3. Authorized for use with any AFSC.</p> | MPE: 2, 7. AFPC: 2, 7, 9. Manpower: 2, 10. |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|--------------|---------------|------------|--|---|---|
| None | None | Exp Set HE | Collateral Duty Mediator Level III Certification | <p>1. Exp Set HE is established as an authorized identifier in the officer classification structure.</p> <p>2. Award requires (1) successful completion of all Level I and Level II certification requirements, (2) successful completion of formal training course MAFHRMS 127, Advanced Mediation Course (PDS Code I2H), (3) experience in a minimum of 75 career mediations in which the applicant was the sole or, in the case of co-mediators, the principal or mentoring mediator, with a demonstrated resolution (settlement) rate of 70% or better. At least half of the mediations claimed for this requirement must have been in Air Force workplace disputes. To meet this requirement, the applicant may include non-mediation facilitative ADR (alternative dispute resolution) proceedings in which he or she served as a third party neutral, so long as such proceedings are specifically described and account for no more than one-fourth (25%) of the total career mediations claimed, (4) recommendation for Level III by the installation ADR Champion, with concurrence by the MAJCOM ADR Champion, (5) certification by the Associate General Counsel in charge of the ADR program for workplace disputes in SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set.</p> <p>3. Authorized for use with any AFSC.</p> | <p>MPE: 2, 7. AFPC: 2, 7, 9. Manpower: 2, 10.</p> |

| Current AFSC | Current Title | New AFSC | New Title | Summary of Change | Conversion Instruction Notes |
|---------------------|----------------------|-----------------|---|---|--|
| None | None | Exp Set HF | Collateral Duty Mediator Level IV Certification | <p>1. Exp Set HF is established as an authorized identifier in the officer classification structure.</p> <p>2. Award requires (1) successful completion of all Level I, Level II and Level III certification requirements, (2) experience in a minimum of 150 career mediations, in which the applicant was the sole or, in the case of co-mediators, the principal or mentoring mediator, with a demonstrated resolution (settlement) rate of 75% or better. At least half of the mediations claimed for this requirement must have been in Air Force workplace disputes. To meet this requirement, the applicant may include non-mediation facilitative ADR proceedings in which he or she served as a third party neutral, so long as such proceedings are specifically described and account for no more than one-fourth (25%) of the total career mediations claimed, (3) recommendation for Level IV by the installation and MAJCOM ADR Champion, (4) certification by the Deputy General Counsel for Dispute Resolution, SAF/GCD. There is no minimum grade requirement to be awarded the Exp Set.</p> <p>3. Authorized for use with any AFSC.</p> | <p>MPE: 2, 7. AFPC: 2, 7, 9. Manpower: 2,, 10.</p> |

Attachment 2

QUICK-REFERENCE GUIDE

Officer Air Force Specialty Codes (AFSCs)

(Changed 31 January 2010)

| OPERATIONS | |
|-------------------------------|--|
| 10C0 | Operations Commander |
| Pilot | |
| 11BX | Bomber Pilot |
| 11EX | Experimental Test Pilot |
| 11FX | Fighter Pilot |
| 11GX | Generalist Pilot |
| 11HX | Helicopter Pilot |
| 11KX | Trainer Pilot |
| 11MX | Mobility Pilot |
| 11RX | Recce/Surv/Elect Warfare Pilot |
| 11SX | Special Operations Pilot |
| 11UX | Remotely Operated Aircraft |
| ★Combat Systems | |
| 12BX | ★Bomber Combat Systems Officer |
| 12EX | ★Experimental Test Combat Systems Officer |
| 12FX | ★Fighter Combat Systems Officer |
| 12GX | ★Generalist Combat Systems Officer |
| 12KX | ★Trainer Combat Systems Officer |
| 12MX | ★Mobility Combat Systems Officer |
| 12RX | ★Recce/Surv/Elect Warfare Combat Systems Officer |
| 12SX | ★Special Operations Combat Systems Officer |
| 12UX | Unmanned Aircraft Systems |
| Space, Missile, and C2 | |
| 13AX | Astronaut |
| 13BX | Air Battle Manager |
| 13DX | Control and Recovery |
| 13LX | Air Liaison Officer |
| 13MX | Airfield Operation |
| 13SX | Space & Missile |
| Intelligence | |
| 14NX | Intelligence |
| Weather | |
| 15WX | Weather |
| Operations Support | |
| 16FX | Regional Affairs Strategist |
| 16GX | Air Force Operations Staff Officer |
| 16PX | Political-Military Affairs Strategist |
| 16RX | Planning & Programming |
| NON-RATED OPERATIONS | |
| 17XX | |
| LOGISTICS | |
| 20C0 | Logistics Commander |
| Logistics | |
| 21AX | Aircraft Maintenance |
| 21MX | Munitions and Missile Maintenance |
| 21RX | Logistics Readiness |
| SUPPORT | |
| 30C0 | Support Commander |
| Security Forces | |
| 31PX | Security Forces |
| Civil Engineering | |
| 32EX | Civil Engineer |
| Communications | |
| 33C0 | Communications Commander |
| 33SX | Communications and Information |
| Public Affairs | |
| 35BX | Band |
| 35PX | Public Affairs |
| Force Support | |
| 38FX | Force Support |

| MEDICAL | |
|-------------------------------|--------------------------------------|
| 40C0 | Medical Commander |
| Health Services | |
| 41AX | Health Services Administrator |
| Biomedical Clinicians | |
| 42BX | Physical Therapist |
| 42EX | Optometrist |
| 42FX | Podiatrist |
| 42GX | Physician Assistant |
| 42NX | Audiology/Speech Pathologist |
| 42PX | Clinical Psychologist |
| 42SX | Clinical Social Worker |
| 42TX | Occupational Therapist |
| Biomedical Specialists | |
| 43AX | Aerospace & Operational Physiologist |
| 43BX | Biomedical Scientist |
| 43DX | Dietitian |
| 43EX | Bioenvironmental Engineer |
| 43HX | Public Health |
| 43MX | Medical Entomologist |
| 43PX | Pharmacist |
| 43TX | Biomedical Laboratory |
| Physician | |
| 44AX | Chief, Hospital/Clinic Services |
| 44BX | Preventive Medicine |
| 44DX | Pathologist |
| 44EX | Emergency Services Physician |
| 44FX | Family Physician |
| 44GX | General Practice Physician |
| 44HX | Nuclear Medicine Physician |
| 44JX | Clinical Geneticist |
| 44KX | Pediatrician |
| 44MX | Internist |
| 44NX | Neurologist |
| 44PX | Psychiatrist |
| 44RX | Diagnostic Radiologist |
| 44SX | Dermatologist |
| 44TX | Radiotherapist |
| 44UX | Occupational Medicine |
| 44YX | Critical Care Medicine |
| 44ZX | Allergist |
| Surgery | |
| 45AX | Anesthesiologist |
| 45BX | Orthopedic Surgeon |
| 45EX | Ophthalmologist |
| 45GX | OB/GYN |
| 45NX | Otorhinolaryngologist |
| 45PX | Physical Medicine Physician |
| 45SX | Surgeon |
| 45UX | Urologist |
| Nurse | |
| 46AX | Nurse Administrator |
| 46FX | Flight Nurse |
| 46GX | Nurse-Midwife |
| 46MX | Nurse Anesthetist |
| 46NX | Clinical Nurse |
| 46PX | Mental Health Nurse |
| 46SX | Operating Room Nurse |
| 46YX | Privileged Advanced Practice Nurse |
| Dental | |
| 47BX | Orthodontist |
| 47DX | Oral and Maxillofacial Pathologist |
| 47EX | Endodontist |
| 47GX | Dentist |
| 47HX | Periodontist |
| 47KX | Pediatric Dentist |
| 47PX | Prosthodontist |
| 47SX | Oral and Maxillofacial Surgeon |

| Aerospace Medicine | |
|--|--|
| 48AX | Aerospace Medicine Specialist |
| 48GX | General Medical Officer (GMO), Flt Surg |
| 48RX | Residency Trained Flight Surgeon |
| 48VX | Pilot-Physician |
| PROFESSIONAL | |
| Law | |
| 51JX | Judge Advocate |
| Chaplain | |
| 52RX | Chaplain |
| ACQUISITION | |
| Command | |
| 60C0 | Program Director |
| Scientific Research & Development | |
| 61AX | Operations Research Analyst |
| 61BX | Behavioral Science/Human Factors Scientist |
| 61CX | Chemist/Biologist |
| 61DX | Physicist/Nuclear Engineer |
| Developmental Engineer | |
| 62EX | Developmental Engineer |
| Acquisition | |
| 63AX | Acquisition Manager |
| Contracting | |
| 64PX | Contracting |
| Finance | |
| 65AX | Auditor |
| 65FX | Financial Management |
| 65WX | Cost Analysis |
| SPECIAL INVESTIGATIONS | |
| 71SX | Special Investigator |

Attachment 2
QUICK-REFERENCE GUIDE
(Continued)

Officer Air Force Specialty Codes (AFSCs)

| SPECIAL DUTY IDENTIFIERS | |
|---------------------------------|--|
| 80C0 | Commander, Cadet Squadron, USAFA |
| 81C0 | Training Commander, OTS |
| 81T0 | Instructor |
| 82A0 | Academic Program Manager |
| 83R0 | Recruiting Service |
| 84H0 | Historian |
| 85G0 | USAF Honor Guard |
| 86M0 | Operations Management |
| 86P0 | Command and Control |
| 87G0 | Installation Inspector General |
| 88A0 | Aide-de-Camp |
| REPORTING IDENTIFIERS | |
| 90G0 | General Officer |
| 91C0 | Commander |
| 91W0 | Wing Commander |
| 92J0 | Nondesigned Lawyer |
| 92J1 | AFROTC Educational Delay-Law Student |
| 92J2 | Funded Legal Ed Program Law Student |
| 92J3 | Excess Leave Law Student |
| 92M0 | Health Professions Scholarship Program (HPSP) Medical Student |
| 92M1 | Uniformed Services University of Health Sciences Student |
| 92M2 | HPSP Biomedical Science Student |
| 92R0 | Chaplain Candidate |
| 92S0 | Student Officer Authorization |
| 92T0 | Pilot Trainee |
| 92T1 | Navigator Trainee |
| 92T2 | Air Battle Manager Trainee |
| 92W0 | ★Potential Wounded Warrior |
| 92W1 | ★Reserved for Future Use |
| 92W2 | ★Wounded Warrior |
| 92W3 | ★Wounded Warrior-Returned to Duty |
| 92W4 | ★Wounded Warrior-Limited Assignment Status |
| 92W5 | ★Wounded Warrior-Retired/Discharged |
| 92W6 | ★Reserved for Future Use |
| 92W7 | ★Reserved for Future Use |
| 92W8 | ★Reserved for Future Use |
| 92W9 | ★Warrior Care |
| 93P0 | Patient |
| 94N0 | Nuclear Weapons Custodian |
| 95A0 | Non- Extended Active Duty USAFR Academy/CAP Liaison Officer |
| 96D0 | Off not Avail in awarded AFSC for cause |
| 96U0 | Unclassified Officer |
| 96V0 | Unallotted |
| 97E0 | Executive Officer |

**Attachment 3
OFFICER CLASSIFICATION STRUCTURE CHART
(Changed 31 Jan 10)**

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE | |
|-------------|--|--|-------|--|--|
| OPERATIONS | 10 | Commander | 10C0 | Operations Commander | |
| | 11 | Pilot | 11B4* | Bomber Pilot | |
| | | | 11B3* | A – B-1 | U – ALO |
| | | | 11B2* | B – B-2 | Y – General |
| | | | 11B1* | C – B-52 | Z – Other |
| | | | 11E4* | Experimental Test Pilot | |
| | | | 11E3* | A – Airlift/Tanker/ Bomber | Q – Msn Spt (T-38, etc) |
| | | | 11E1* | B – Fighter C – Helicopter/VSTOL | Y – General Z – Other |
| | | | 11F4* | Fighter Pilot | |
| | | | 11F3* | B – A-10 | N – F-35 |
| | | | 11F1* | F – F-15 G – F-15E H – F-16 J – F-22 M – F-117 | Q – IFF (AT-38/T-38C) U – ALO Y – General Z – Other |
| | 11G4 11G3 | Generalist Pilot | | | |
| 11H4* | Helicopter Pilot | | | | |
| 11H3* | C – UH-1N | W – CSR, General | | | |
| 11H2* | E – HH-60 | Y – General | | | |
| 11H1* | F – CSAR-X ★G – CVLSP T – SUPT-H Instr (UH-1/TH-67/ TH-1N) | Z – Other | | | |
| 11K4* | Trainer Pilot | | | | |
| 11K3* | A – T-1 | G – T-34 | | | |
| 11K1* | C – T-37 D – T-38 F – T-6 | H – T-44/TC-12 Y – General Z – Other | | | |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE | |
|---------------------------|------|-------------------------|----------------------------------|--|--|
| OPERATIONS (Continued) | 11 | Pilot (continued) | 11M4* 11M3* 11M2* 11M1* | Mobility Pilot A – C-5 B – C-130E/H C – C-130J D – C-27J (JCA) E – VC-25 F – KC-135 G – KC-10 H – C-9 J – C-12 K – C-17 L – C-20/C-37 M – C-21 N – C-26 | P – C-32 Q – C-40 R – KC-45 (KC-X) S – Airlift, General T – Tanker, General U – Air Liaison Officer (ALO) V – Inter-Theater Airlift, General W – Intra-Theater Airlift, General Y – General Z – Other |
| | | | 11R4* 11R3* 11R2* 11R1* | Reconnaissance/Surveillance/Electronic Warfare Pilot A – E-3 B – E-4 C – EC-130 D – HC-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 P – HC-130 Recap Y – General Z – Other |
| | | | 11S4* 11S3* 11S2* 11S1* | Special Operations Pilot A – MH-53 C – AC-130H D – AC-130U E – MC-130P F – MC-130E G – MC-130H J – CV – 22 M – Air Commando (CAA, NSAv, DM) | N – MC-130W P – MC-130J U – ALO Y – General Z – Other |
| | | | 11U4* 11U3* 11U1* | Unmanned Aircraft Systems (UAS) A – MQ-1 B – MQ-9 C – RQ-4 U – Air Liaison Officer (ALO) Y – General Z – Other | |
| | | | 12B4* 12B3* 12B2* 12B1* | ★Bomber Combat Systems Officer C – B-1 WSO D – B-52 EWO E – B-52 Nav/Radar Nav U – ALO | W – EWO, General Y – General Z – Other |
| | 12 | ★Combat Systems Officer | 12E4* 12E3* 12E1* | ★Experimental Test Combat Systems Officer A – Airlift/Tanker/Bomber B – Fighter W – EWO, General | Y – General Z – Other |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|----------------------------------|------|-------------------------------------|-------------------------|---|
| OPERATIONS (Continued) | 12 | ★Combat Systems Officer (continued) | 12F4* 12F3* 12F1* | ★Fighter Combat Systems Officer F – F-15E WSO W – EWO, General G – F-15E EWO Y – General U – ALO Z – Other V – EA-6B |
| | | | 12G4* 12G3* | ★Generalist Combat Systems Officer W - EWO |
| | | | 12K4* 12K3* 12K1* | ★Trainer Combat Systems Officer A – SUNT, Nav General ★D – Inst SUNT CSO B – SUNT, EWO Y – General C – SUNT, WSO Z – Other |
| | | | 12M4* 12M3* 12M1* | ★Mobility Combat Systems Officer B – C-130E/H V – Inter-Theater Airlift E – VC-25 General F – KC-135 W – Intra-Theater Airlift S – Airlift, General General T – Tanker, General Y – General U – ALO Z – Other |
| | | | 12R4* 12R3* 12R1* | ★Reconnaissance/Surveillance/Electronic Warfare Combat Systems Officer A – E-3 K – WC/OC-135 B – E-4 L – E-8 C – EC-130 EWO M – EC-130J WSO D – EC-130 N – RC-26B E – HC-130 P – HC-130 Recap F – WC-130 W – EWO, General H – RC-135 EWO Y – General J – RC-135 Z – Other |
| | | | 12S4* 12S3* 12S1* | ★Special Operations Combat Systems Officer A – AC-130H EWO L – MC - 130H B – AC-130H FCO M – Air Commando C – AC-130H (CAA, NSAv, DM) D – AC-130U EWO N – MC-130W E – AC-130U FCO P – MC-130J F – AC-130U U – ALO G – MC-130P W – EWO, General H – MC-130E EWO Y – General J – MC-130E Z – Other K – MC - 130H EWO |
| | | | 12U4* 12U3* 12U1* | Unmanned Aircraft Systems (UAS) A – MQ-1 B – MQ-9 C – RQ-4 U – Air Liaison Officer (ALO) Y – General Z - Other |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE | | | |
|----------------------------------|------|-------------------------|--|---|--|--------------------------|---|
| OPERATIONS (Continued) | 13 | Space, Missile, and | 13A3* | Astronaut A – Pilot B – Mission Specialist | | | |
| | | | 13A1* | | | | |
| | | | 13B4* 13B3* +13B1* | Air Battle Manager B – AWACS C – Air Defense D – Mobile Air Control K – JSTARS U – Air Liaison Officer (ALO) Y – General Z – Other | | | |
| | | 13D4* 13D3* 13D1* | Control and Recovery A – Combat Rescue B – Special Tactics | | | | |
| | | 13L4 +13L3* 13L1 | Air Liaison Officer A – ASOC J – JTAC | | | | |
| | | 13M4 13M3 13M1 | Airfield Operations | | | | |
| | | | Command and Control | 13S4 13S3* 13S2* +13S1* | Space and Missile Operations A – Satellite Command & Control B – Spacelift C – Missile Combat Crew D – Space Surveillance E – Space Warning Note: 13S2 is only authorized with suffix C. | | |
| | | | | 14 | Intelligence | 14N4 14N3 14N1 | Intelligence |
| | | | | 15 | Weather | 15W4 +15W3* +15W1* | Weather A – Advanced Weather Activities B – Battlefield Weather C – Special Operations Weather |
| | | | | 16 | Operations Support | 16F4* 16F3* 16F1* | Regional Affairs Strategist (RAS) A – Attaché (any geographic region) B – Eurasia C – Latin America D – Northeast Asia E – Southeast Asia F – Middle East/North Africa G – Sub Saharan Africa H – Europe J – South Asia K – China L – Generalist |
| | | | | | | 16G4 16G3 16G1 | Air Force Operations Staff Officer |
| | | | | | | 16P4 16P3 16P1 | Political-Military Affairs Strategist (PAS) |
| | | | | | | 16R4 16R3 16R1 | Planning and Programming |
| | | | | 17 | Non-Rated Operations | | |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE | | | |
|-------------|----------------------|-----------------------------------|---|--|------------------------------------|--------------------------|--|
| LOGISTICS | 20 | Commander | 20C0 | Logistics Commander | | | |
| | 21 | Aircraft Maintenance | 21A4 21A3 21A1 | Aircraft Maintenance | | | |
| | | Munitions and Missile Maintenance | 21M4 21M3* +21M1* | Munitions and Missile Maintenance A – Conventional N - Nuclear I - ICBM | | | |
| | | Logistics Readiness | 21R4 21R3 21R1 | Logistics Readiness | | | |
| SUPPORT | 30 | Commander | 30C0 | Support Commander | | | |
| | 31 | Security Forces | 31P4 | Security Forces | | | |
| | | | 31P3 31P1 | | | | |
| | 32 | Civil Engineer | 32E4 32E3* 32E1* | Civil Engineer 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 J – Environmental Engineer K – Explosive Ordnance Disposal (Non-Engineer) | | | |
| | | | 33C0 | | Communications Commander | | |
| | | | 33 | | Communications-Information Systems | 33S4 +33S3* +33S1* | Communications and Information A – Engineer |
| | | | | | | 35 | Public Affairs |
| | 35P4 35P3 35P1 | Public Affairs | | | | | |
| 38 | Force Support | 38F4 +38F3* +38F1* | Force Support A - Analyst Q – Section Commander (Note: Only authorized along with the C Prefix at the 1- and 3-qualification levels, C38F1Q/3Q) | | | | |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|-------------|-------------------------|--|----------------------------|--|
| MEDICAL | 40 | Commander | 40C0* | Medical Commander A – Medical Services B – Biomedical Sciences C – Medical D – Dental E – Nurse |
| | 41 | Health Services | 41A4 41A3 41A1 | Health Services Administrator |
| | 42 | Biomedical Clinician | 42B4 42B3 42B1 | Physical Therapist |
| | | | 42E4 42E3 42E1 | Optometrist |
| | | | 42F4 42F3 42F1 | Podiatrist |
| | | | +42G4* +42G3* +42G1* | Physician Assistant A – Orthopedics B – Otolaryngology C – General Surgery E – Emergency Medicine |
| | | | 42N4* 42N3* 42N1* | Audiology/Speech Pathologist A – Audiologist B – Speech |
| | | | +42P4* +42P3* +42P1* | Clinical Psychologist A – Clinical Neuropsychologist B – Health Psychologist C – Child and Adolescent Psychologist D – Aviation Psychologist |
| | | | 42S4 42S3 42S1 | Clinical Social Worker |
| | | | 42T4 42T3 42T1 | Occupational Therapist |
| | | | 43 | Biomedical Specialists |
| | 43B4 43B3 43B1 | Biomedical Scientist | | |
| | 43D4 43D3 43D1 | Dietitian | | |
| | 43E4* 43E3* 43E1* | Bioenvironmental Engineer A – General B – Industrial Hygiene C – Medical Construction D – Environmental E – Architecture G – Health Physics M – Medical Physics | | |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|------------------------|------|---------------------------------------|----------------------------|---|
| MEDICAL (Continued) | 43 | Biomedical Specialists (Continued) | 43H4 43H3 43H1 | Public Health Officer |
| | | | 43M4 43M3 43M1 | Medical Entomologist |
| | | | +43P4* +43P3* +43P1* | Pharmacist A – Clinical Pharmacy |
| | | | 43T4* 43T3* 43T1* | Biomedical Laboratory A – Biomedical Laboratory Science E – Blood Bank B – Microbiology F – Toxicologist C – Clinical Chemistry H – Hematology D – Environmental & Industrial Hygiene Chemistry |
| | 44 | Physician | 44A3 44A1 | Chief, Hospital/Clinic Services |
| | | | 44B4 44B3 44B1 | Preventive Medicine |
| | | | +44D4* +44D3* +44D1* | Pathologist A – Hematology E – Neuropathology B – Cytology F – Pediatric C – Gynecology G – Transfusion Medicine D – Forensic K – Dermatology |
| | | | +44E4* +44E3* +44E1* | Emergency Services Physician A – Emergency Medicine Specialist |
| | | | 44F4 44F3 44F1 | Family Physician |
| | | | 44G4 44G3 44G1 | General Practice Physician |
| | | | 44H4 44H3 44H1 | Nuclear Medicine Physician |
| | | | 44J4 44J3 44J1 | Clinical Geneticist |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|------------------------|------|--------------------------|----------------------------|--|
| MEDICAL (Continued) | 44 | Physician (Continued) | +44K4* +44K3* +44K1* | Pediatrician 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 |
| | | | +44M4* +44M3* +44M1* | Internist A – Oncology B – Cardiology C – Endocrinology D – Gastroenterology E – Hematology F – Rheumatology G – Pulmonary Diseases H – Infectious Diseases J – Nephrology |
| | | | 44N4 44N3 44N1 | Neurologist |
| | | | +44P4* +44P3* +44P1* | Psychiatrist A – Child Psychiatry B – Forensic Psychiatry |
| | | | +44R4* +44R3* +44R1* | Diagnostic Radiologist A – Neuroradiology B – Special Procedures C – Pediatric D – Nuclear Medicine E – Musculoskeletal F – Magnetic Resonance Imaging (MRI) |
| | | | +44S4* +44S3* +44S1* | Dermatologist A – Dermatologic Surgery B – Dermatopathology |
| | | | 44T4 44T3 44T1 | Radiotherapist |
| | | | 44U4 44U3 44U1 | Occupational Medicine |
| | | | +44Y4* +44Y3* +44Y1* | Critical Care Medicine A – Pediatrics |
| | | | 44Z4 44Z3 44Z1 | Allergist |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|-------------------------------|------|-------------------------|----------------------------|---|
| MEDICAL (Continued) | 45 | Surgery | 45A4 45A3 45A1 | Anesthesiologist |
| | | | +45B4* +45B3* +45B1* | Orthopedic Surgeon A – Hand Surgery F – Oncology B – Pediatrics G – Replacement Arthroplasty D – Sports Medicine H – Traumatology E – Spine Surgery |
| | | | +45E4* +45E3* +45E1* | Ophthalmologist A – Oculoplastics E – Pathology B – Cornea/External Disease F – Strabismus/Pediatrics C – Glaucoma G – Vitreous/Retina D – Neuro-Ophthalmology |
| | | | +45G4* +45G3* +45G1* | Obstetrician and Gynecologist A – Endocrinology D – Maternal-Fetal Medicine B – Oncology E – Urogynecology/Pelvic C – Pathology Reconstructive Surgery |
| | | | +45N4* +45N3* +45N1* | Otorhinolaryngologist A – Otolaryngology/Neurotology B – Head & Neck Surgical Oncology C – Pediatric Otolaryngology D – Facial Plastic Surgery |
| | | | 45P4 45P3 45P1 | Physical Medicine Physician |
| | | | +45S4* +45S3* +45S1* | Surgeon A – Thoracic B – Colon and Rectal C – Cardiac D – Pediatric E – Peripheral Vascular F – Neurological G – Plastic H – Oncology K – Trauma/Critical Care |
| | | | +45U4* +45U3* +45U1* | Urologist A – Pediatrics B – Oncology |
| | 46 | Nurse | 46A4 46A3 46A1 | Nursing Administrator |
| | | | 46F4 46F3 46F1 | Flight Nurse |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE | | |
|------------------------|------|-------------------------|----------------------------|---|----------------------|---|
| MEDICAL (Continued) | 46 | Nurse (Continued) | +46N4* +46N3* +46N1* | ★Clinical Nurse D – Staff Development E – Critical Care F – Neonatal Intensive Care G – Obstetrical J – Emergency/Trauma | | |
| | | | 46P4 46P3 46P1 | Mental Health Nurse | | |
| | | | 46S4 46S3 46S1 | Operating Room Nurse | | |
| | | | 46Y4* 46Y3* 46Y1* | Privileged Advanced Practice Nurse (P-APN) A - Women’s Health Care Nurse Practitioner B - Pediatric Nurse Practitioner C - Adult Nurse Practitioner or Acute Care Nurse Practitioner G - Certified Nurse Midwife H - Family Nurse Practitioner M - Certified Registered Nurse Anesthetist P - Adult Psychiatric & Mental Health Nurse Practitioner | | |
| | 47 | Dental | 47B4 47B3 47B1 | Orthodontist | | |
| | | | 47D4 47D3 47D1 | Oral and Maxillofacial Pathologist | | |
| | | | 47E4 47E3 47E1 | Endodontist | | |
| | | | +47G4* +47G3* +47G1* | Dentist A – Comprehensive B – Advanced Clinical C – General Clinical D – Public Health E – Dental Materials Science F – Oral and Maxillofacial Radiology (OMR) G – Temporomandibular Disorders H – Hospital Dentistry | | |
| | | | 47H4 47H3 47H1 | Periodontist | | |
| | | | 47K4 47K3 47K1 | Pediatric Dentist | | |
| | | | +47P4* +47P3* +47P1* | Prosthodontist A – Maxillofacial Prosthetics B – Area Dental Laboratory C – Dental Materials | | |
| | | | +47S4* +47S3* +47S1* | Oral and Maxillofacial Surgeon A – Temporomandibular Joint B – Facial Esthetics C – Maxillofacial Reconstruction | | |
| | | | 48 | Aerospace Medicine | 48A4 48A3 48A1 | Aerospace Medicine Specialist |
| | | | | | 48G4 48G3 48G1 | General Medical Officer (GMO), Flight Surgeon |

| CAREER AREA | CODE | UTILIZATION FIELD TITLE | AFSC | AIR FORCE SPECIALTY TITLE |
|---|------|--------------------------------------|--------------------------|--|
| MEDICAL (Continued) | | Aerospace Medicine (Continued) | 48R4 48R3 48R1 | Residency Trained Flight Surgeon |
| | | | 48V4 48V3 48V1 | Pilot-Physician |
| PRO- FESSIONAL | 51 | Law | 51J4 51J3 51J1 | Judge Advocate |
| | 52 | Chaplain | 52R4 +52R3* +52R1* | Chaplain A – Protestant B – Buddhist C – Roman Catholic D – Jewish E – Orthodox F – Muslim |
| ACQUISITION and FINANCIAL MANAGEMENT | 60 | Director | 60C0 | Program Director |
| | 61 | Scientific/ Research | 61A4 61A3 61A1 | Operations Research Analyst |
| | | | 61B4 61B3 61B1 | Behavioral Science/Human Factors Scientist |
| | | | 61C4 61C3 61C1 | Chemist/Biologist |
| | | | 61D4 61D3 61D1 | Physicist/Nuclear Engineer |
| | 62 | Developmental Engineering | 62E4 62E3* 62E1* | Developmental Engineer A – Aeronautical B – Astronautical C – Computer Systems E – Electrical/Electronic F – Flight Test G – Project H – Mechanical |
| | 63 | Acquisition | 63A4 63A3 63A1 | Acquisition Manager |
| | 64 | Contracting | 64P4 64P3 64P1 | Contracting |
| | 65 | Finance | 65A4 65A3 65A1 | Audit |
| | | | 65F4 65F3 65F1 | Financial Management |
| 65W4 65W3 65W1 | | | Cost Analysis | |
| SPECIAL INVESTIGATIONS | 71 | Special Investigations | 71S4 71S3 71S1 | Special Investigations |

+ AUTHORIZED FOR USE WITHOUT SHREDOUS

* SHREDOUS AUTHORIZED WITH THIS AFSC

| REPORTING IDENTIFIERS | |
|------------------------------|---|
| Identifier | Title |
| 90G0 | General Officer |
| 91C0 | Commander |
| 91W0 | Wing Commander |
| 92J0 | Non-designated Lawyer |
| 92J1 | AFROTC Educational Delay Law Student |
| 92J2 | Funded Legal Education Program Law Student |
| 92J3 | Excess Leave Law Student |
| 92M0 | HPSP Medical Student |
| 92M1 | Uniformed Services Univ. of Health Sciences (USUHS) Student |
| 92M2 | HPSP Biomedical Science Student |
| 92R0 | Chaplain Candidate |
| 92S0 | Student Officer Authorization |
| 92T0 | Pilot Trainee |
| 92T1 | Navigator Trainee |
| 92T2 | Air Battle Manager Trainee |
| 92W0 | ★Potential Wounded Warrior |
| 92W1 | ★Reserved for Future Use |
| 92W2 | ★Wounded Warrior |
| 92W3 | ★Wounded Warrior-Returned to Duty Status (LAS) |
| 92W4 | ★Wounded Warrior-Limited Assignment |
| 92W5 | ★Wounded Warrior-Retired/Discharged |
| 92W6 | ★Reserved for Future Use |
| 92W7 | ★Reserved for Future Use |
| 92W8 | ★Reserved for Future Use |
| 92W9 | ★Warrior Care |
| 93P0 | Patient |
| 94N0 | Nuclear Weapons Custodian |
| 95A0 | Non-EAD USAFR Academy or Civil Air Patrol Liaison Office |
| 96D0 | Off Not Avail For Use in Awarded AFSC For Cause |
| 96U0 | Unclassified Officer |
| 96V0 | Unallotted |
| 97E0 | Executive Officer |

| SPECIAL DUTY IDENTIFIERS | |
|---------------------------------|---|
| Identifier | Title |
| 80C0 | Commander, Cadet Squadron, USAF Academy |
| 81C0 | Training Commander, Officer Training School |
| 81T0 | Instructor |
| 82A0 | Academic Program Manager |
| 83R0 | Recruiting Service |
| 84H0 | Historian |
| 85G0 | USAF Honor Guard |
| 86M0 | Operations Management |
| 86P0 | Command and Control |
| 87G0 | Installation Inspector General |
| 88A0 | Aide-de-Camp |

| PREFIXES | |
|-----------------|--|
| A | Operational Warfare Instructor |
| B | Squadron Operations/Operations Support Officer |
| C | Commander |
| D | Advanced Logistics Officer Course Graduates |
| E | Electronic Warfare (EW) Support Duty |
| F | Aircraft Systems Flight Evaluation |
| G | Automated Systems Program Designer |
| H | Military Consultant to the Surgeon General |
| J | Parachutist |
| K | Instructor |
| L | Life Support |
| M | Medical Service Specialist |
| N | Navigator/Air Battle Manager (ABM) Required |
| O | Support Squadron Operations Officer |
| P | Pilot Required |
| Q | Standardization and Evaluation |
| R | Contingency/War Planner |
| S | Safety |
| T | Formal Training Instructor |
| U | Information Operations |
| V | Automated Functional Applications Analyst |
| W | Weapons and Tactics Instructor |
| X | Nonrated Officer Aircrew Duty |
| Y | Analytical Studies Officer |
| Z | Radio Frequency Spectrum Management |

Attachment 4**★LIST OF OFFICER AFSCs AUTHORIZED FOR USE WITHOUT SHREDOUTS
(Changed 31 Oct 09)**

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/DPSIDC.

| | | | | | | | | | |
|--------|------|--------|------|------|------|------|------|------|--------|
| 13B1 | 21M1 | 33S3/1 | 42GX | 43PX | 44DX | 45BX | 46NX | 47GX | 52R3/1 |
| 13L3 | | 38F3/1 | 42PX | | 44EX | 45EX | | 47PX | |
| 13S1 | | | | | 44KX | 45GX | | 47SX | |
| 15W3/1 | | | | | 44MX | 45NX | | | |
| | | | | | 44PX | 45SX | | | |
| | | | | | 44RX | 45UX | | | |
| | | | | | 44SX | | | | |
| | | | | | 44YX | | | | |