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Communications and Information

**AIR FORCE SPECIALIZED INFORMATION
ASSURANCE PUBLICATIONS**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This Air Force instruction (AFI) implements [Air Force Policy Directive \(AFPD\) 33-2](#), *Information Protection* (**NOTE:** Title will be changed to "Information Assurance" when AFPD is revised), and prescribes the Air Force Specialized Information Assurance Publications Program. It applies to all Air Force military and civilian personnel and Air Force contractors who develop, use, operate, or manage Air Force communications and information systems. Commands will not supplement Air Force specialized information assurance/protection publications. Send recommended changes or comments to Headquarters Air Force Communications Agency (HQ AFCA/ITPP), 203 W. Losey Street, Room 1065, Scott AFB IL 62225-5222, through appropriate channels, using [AF Form 847, Recommendation for Change of Publication](#), with an information copy to HQ AFCA/GCI, 203 W. Losey Street, Room 2040, Scott AFB IL 62225-5222 and Headquarters Air Force Communications and Information Center (HQ AFCIC/SYIP), 1250 Air Force Pentagon, Washington DC 20330-1250. Refer to [Attachment 1](#) for a glossary of references and supporting information.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

This revision removes references to information protection and replaces it with information assurance. It updates office symbols of responsible agencies. It also changes Air Force Cryptographic Operational General Publication (AFKAG) responsibilities to Headquarters Electronic Systems Center (HQ ESC/DIW) and Headquarters Cryptologic Systems Group (HQ CPSG). The (I) preceding the title indicates a major revision from the previous edition.

1. Responsibilities .

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1.1. HQ AFCIC/SYI exercises functional control over all Air Force information assurance publications for the Headquarters United States Air Force (HQ USAF/SC), and delegates management responsibility to HQ AFCA/GCI. Prior to publication, HQ AFCA/GCI must obtain approval authority from HQ AFCIC/SYI using [AF Form 673](#), **Request to Issue Publication**.

1.2. HQ AFCA/GCI performs the responsibilities outlined in [AFPD 33-2](#), and:

1.2.1. Develops and publishes certified specialized information assurance publications.

1.2.2. Reviews each National Security Telecommunications and Information Systems Security Committee (NSTISSC), National Institute for Standards and Technology (NIST), Department of Defense (DoD), and National Security Agency (NSA) information assurance policy directive, instruction, and memorandum for Air Force applicability. Provides recommendations to HQ AFCIC/SYI on the need for, and type of, standard or specialized information assurance publication needed to implement specific policies and procedures directed by these organizations.

1.2.3. Determines the method of identifying and numbering specialized information assurance publications.

1.2.4. Prepares and sends announcements of new or revised publications to the Air Force Departmental Publishing Office (AFDPO/PP) for the Electronic Transaction System (ETS).

1.2.5. Prepares [Air Force Index \(AFIND\) 5](#), *Numerical Index of Specialized Information Protection/Assurance Publications*, at least semiannually (January and July), and sends diskette to AFDPO/PP for composition and distribution.

1.2.6. Develops advisory and informational Air Force specialized information assurance publications and specialized communications security (COMSEC) publications, except the publications described in paragraph [2.2](#). The publications reflect the current authentication element of HQ USAF/SC. The certification element reflects HQ AFCIC/SYI.

1.2.7. Uses the standard format prescribed in AFI 33-360, Volume 1 ([AFI 33-360V1](#)), *Publications Management Program*, for all Air Force specialized information assurance and COMSEC publications developed.

1.2.8. Establishes, maintains, and disposes of record sets as required by [AFI 33-360V1](#) and Air Force Manual ([AFMAN](#)) [37-139](#), *Records Disposition Schedule* (will convert to AFMAN 33-322V4).

1.3. HQ ESC/DIKWM, 230 Hall Boulevard, Suite 208, San Antonio TX 78243-7056, maintains currency of AFKAG 11, (S) *Index and Status of KG-84 Operational, On-the-Air Test, and Maintenance Test Keying Systems* (U); AFKAG 12, (S) *Index and Status of Data Encryption Standard (DES) Systems and Fascinator Land Mobile Radio (LMR) Systems* (U); AFKAG 13, (C) *Index and Status of COMSEC General, Operating, and Maintenance Manuals* (U); AFKAG 14, (S) *Index and Status of COMSEC Operational, Exercise, and Training Material* (U); AFKAG 16, (S) *Index and Status of Operational and Test Data Keys* (U); AFKAG 28, (C) *COMSEC Account Directory* (U); and AFKAG-36, (C) *Directory of Holders of Manual Operations Systems* (U).

1.4. HQ CPSG/ZJY, 250 Hall Boulevard, Suite 123, San Antonio TX 78243-7061, maintains currency of AFKAG 15, (S) *Index and Status of Space Related COMSEC Systems* (U).

2. Air Force Specialized Information Assurance Publications . The four categories of these publications implement information assurance policies, directives, instructions, standards, guidance, and technical information issued by the NSTISSC, NIST, DoD, NSA, and the Air Force, that are inappropriate for inclusion in standard Air Force publications. They are:

2.1. Specialized COMSEC Publications. These publications are available through the COMSEC material control system (CMCS) (HQ CPSG/ZJY). CMCS publications apply to people operating or maintaining specific cryptologic systems and have short titles derived from the cryptologic nomenclature system developed by NSA. They are indexed in AFKAG 11, AFKAG 12, AFKAG 13, AFKAG 14, AFKAG 15, AFKAG 16, and AFKAG 19, (FOUO) *Secure Telephone Unit III (STU-III)* and *Secure Data Network System (SDNS) User Representative and COMSEC Accounting Procedures*, and distributed through the CMCS. [AFIND 5](#) lists the publications distributed through the Electronic Transaction System (ETS). Specialized COMSEC publications include:

2.1.1. Status and Index Publications. These publications list and provide classification, controlling authority, special handling, and status information (effective and supersession dates, where applicable) of COMSEC keying systems and general COMSEC publications. The classified publications are identified by the short titles "AFKAG 11, AFKAG 12, AFKAG 13, AFKAG 14, AFKAG 15, and AFKAG 16." HQ ESC/DIW and HQ CPSG are responsible for maintaining and keeping these classified publications up to date. Unclassified publications listed in [AFIND 5](#) contain guidance about specific systems along with current security policy.

2.1.2. Keying Materials. These publications include codes, authentication systems, one-time pads, and other cryptographic keying materials. There are many types of short titles in this group (e.g., AKAA, AKAC, AKAK, USKAK, USKAT, etc.). NSA creates these materials and distributes them through the CMCS.

2.1.3. USAF Voice Call Sign Publications. These publications include voice call sign lists and instructions and have the short title "AFKAI." Voice call sign procedures are in [AFI 33-217](#), *Voice Call Sign Program*. HQ CPSG/DIWS produces and distributes these materials through the CMCS.

2.1.4. Maintenance and Modification Publications. These publications supplement equipment maintenance instructions or provide directions for modifying equipment. They have the short title "AFKAM," "AFKAD," or "AFSAM." HQ CPSG/LGLI produces these materials and HQ ESC/DIWKM distributes them through the CMCS.

2.1.5. Cryptographic Operating Instructions. These publications contain operating instructions for cryptosystems and have the short title "AFKAO." HQ AFCA/GCI and HQ ESC/DIW produce these materials and distribute them through the CMCS.

2.1.6. Directories. The COMSEC community publishes various directories for informational purposes. HQ CPSG/ZS maintains currency of AFKAG 28 and AFKAG 36.

2.2. Miscellaneous Specialized COMSEC Publications. These publications cover specific subject areas that are not adaptable to other COMSEC publications. NSTISSAM COMSEC/93-1, *Nomenclature for Communications Security Material*, determines the title and number of these publications. HQ AFCA develops them and AFDPO/PP distributes them on the ETS. They follow the format prescribed by [AFI 33-360V1](#).

2.3. Specialized Security Publications. These publications provide instructions and information. They include Air Force publications and documents originating from the NSTISSC and other agencies. [AFIND 5](#) indexes the publications and AFDPO/PP distributes them on the ETS.

2.4. COMSEC Engineering Systems Documents (CESD). CESDs provide information to aid system designers and planners in implementing and integrating COMSEC equipment into communications and information systems. The AFDPO/PP distributes them through the ETS.

3. Revisions to Specialized Information Assurance Publications . HQ AFCA/GCI issues interim changes (IC) or emergency message changes (EMC) according to guidance in [AFI 33-360V1](#). HQ AFCA/GCI integrates message changes into the next revision of the publication. Users must refer to appropriate indexes to make sure they have the current publications.

4. Ordering Specialized Information Assurance Publications . Requisition publications delivered through the CMCS from the installation COMSEC manager. The Air Force Key Management Branch at HQ ESC/DIWKM maintains stock of these items. Access publications listed on the ETS on the World Wide Web at <http://afpubs.hq.af.mil>. Order AFKAGs through HQ ESC/DIKWM, 230 Hall Boulevard, Suite 208, San Antonio TX 78243-7056 (see paragraph [1.3.](#)) or HQ CPSG/ZJY, 250 Hall Boulevard, Suite 123, San Antonio TX 78243-7061 (see paragraph [1.4.](#)).

5. Handling Classified Material . Handle and label all classified documents according to [AFPD 31-4](#), *Information Security*, and [AFI 31-401](#), *Information Security Program Management*.

GARY A. AMBROSE, Brig General, USAF
Director, Communications and Information

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFPD 31-4, Information Security

AFI 31-401, Information Security Program Management

AFPD 33-2, Information Protection (**NOTE:** Title will be changed to “Information Assurance” when AFPD is revised)

AFI 33-217, Voice Call Sign Program

AFI 33-360V1, Publications Management Program

AFMAN 37-139, Records Disposition Schedule (will convert to AFMAN 33-322V4)

AFIND 5, Numerical Index of Specialized Information Protection/Assurance Publications

AFKAG-11, (S) Index and Status of KG-84 Operational, On-the-Air Test, and Maintenance Test Keying Systems (U)

AFKAG-12, (S) Index and Status of Data Encryption Standard (DES) Systems and Fascinator Land Mobile Radio (LMR) Systems (U)

AFKAG-13, (C) Index and Status of COMSEC General, Operating, and Maintenance Manuals (U)

AFKAG-14, (S) Index and Status of COMSEC Operational, Exercise, and Training Material (U)

AFKAG-15, (S) Index and Status of Space Related COMSEC Systems (U)

AFKAG 16, (S) Index and Status of Operational and Test Data Keys (U)

AFKAG-19, (FOUO) Secure Telephone Unit III (STU-III) and Secure Data Network System (SDNS) User Representative and COMSEC Accounting Procedures

AFKAG-28, (C) COMSEC Account Directory (U)

AFKAG-36, (C) Directory of Holders of Manual Operations Systems (U)

NSTISSAM COMSEC/93-1, Nomenclature for Communications Security Material

Abbreviations and Acronyms

AFI—Air Force Instruction

AFDPO—Air Force Departmental Publishing Office

AFIND—Air Force Index

AFKAG—Air Force Cryptographic Operational General Publication

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

CMCS—COMSEC Material Control System

COMSEC—Communications Security

CSESD—COMSEC Engineering Systems Document

DoD—Department of Defense

EMC—Emergency Message Change

ETS—Electronic Transaction System

HQ AFCA—Headquarters Air Force Communications Agency

HQ AFCIC—Headquarters Air Force Communication and Information Center

HQ CPSG—Headquarters Cryptologic Systems Group

HQ ESC—Electronic Systems Center

HQ USAF—Headquarters United States Air Force

IC—Interim Change

NIST—National Institute for Standards and Technology

NSA—National Security Agency

NSTISSC—National Security Telecommunications and Information Systems Security Committee