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CRYPTOLOGIC SKILLS PROGRAM

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This instruction implements AFPD 14-1, *Intelligence Surveillance and Reconnaissance (ISR) Planning Resources and Operations* and DoDI 3305.09, *DoD Cryptologic Training*. It establishes policies, standards, and procedures for the operational-level conduct of cryptologic skills training and certifications for all 1A8X1 Airborne Cryptologic Linguists; and assigns responsibilities to ensure that adequate and responsive training is carried out. This publication applies to all Active Air Force, Air National Guard (ANG) and Air Force Reserve Command (AFRC) units with assigned Airborne Cryptologic Linguists. MAJCOMs, and field activities may supplement this instruction. MAJCOMs and field activities will coordinate their supplement to this instruction with AF ISR Agency/A3T before publication and forward one copy to AF ISR Agency/A3T after publication. Submit suggested improvements to this instruction on AF Form 847, *Recommendation for Change of Publication*, through the appropriate functional chain of command, to AF/A2DFM, 5113 Leesburg Pike Suite 600, Falls Church, VA 22041.

The Privacy Act of 1974 affects this instruction. The Privacy Act System Number F011 AF XO A, Aviation Resource Management System (ARMS) covers required information. The authority for maintenance of ARMS is Title 37 U.S.C. 301a (Incentive Pay), Public Law 92-204, Section 715 (Appropriations Act for 1973), Public Laws 93-294 (Aviation Career Incentive Act of 1974),

93-570 (Appropriations Act for 1974), and Executive Order 9397. The authorities to collect and or maintain the records prescribed in this publication are 37 U.S.C. 301a, *Incentive pay*: Pub.L. 92-204, *Appropriations Act for 1973*, Section 715; Pub.L. 93-570, *Appropriations Act for 1974*; Pub.L. 93-294, *Aviation Career Incentive Act of 1974*; DoD Instruction 7730.57, *Aviation Career Incentive Act and Required Annual Report*; Air Force Instruction 11-401, *Aviation Management*; Air Force Instruction 11-421, *Aviation Resource Management*; and E.O. 9397 (SSN). Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363 *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://afirms.amc.af.mil/>.”

(AFISRA) AFI 14-125 dated 30 July 2008 is supplemented as follows. AF Intelligence, Surveillance and Reconnaissance Agency (AFISRA) has oversight of AF field unit cryptologic employment and training. This supplement implements and extends the guidance of Air Force Instruction 14-125, *Cryptologic Skills Program*. It provides additional guidance and applies to all 1A8X1 Airborne Cryptologic Linguist aircrew performing AFISRA missions or subordinate to AFISRA regardless of MAJCOM or unit of assignment. This publication applies to AFISRA-gained Air National Guard (ANG) and Air Force Reserve Command (AFRC) units. When rules, restrictions, and provisions indicated in this supplement are less restrictive than applicable cryptologic skills training and certification directives, the more restrictive directives apply. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional’s chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afirms/afirms/>. Contact supporting records managers as required.

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Chapter 1

GENERAL

1.1. This AFI implements the Cryptologic Skills Program (CSP) in accordance with AFPD 14-1. The objective of the CSP is to promote, develop and maintain a high state of cryptologic mission readiness to facilitate immediate and effective employment of Airborne Cryptologic Linguists (AFSC 1A8X1) on operational missions. The CSP consists of all cryptologic certification training and testing required to achieve Cryptologic Mission Certification (CMC) for Airborne Cryptologic Linguists assigned or attached to combat coded flying units and the continuation training and testing necessary to implement the program. CMC is accomplished through Cryptologic Mission Certification Training (CMCT) and Cryptologic Skills Proficiency Testing (CSPT).

1.2. This instruction provides guidance and amplifies CMCT and CSPT requirements for every Mission Design Series (MDS) with an Airborne Cryptologic Linguist as part of the aircrew complement. The provisions of this instruction apply to all Airborne Cryptologic Linguists assigned to units flying weapon systems where the associated 11-2MDS specific series AFI defines CSPT as a requirement for obtaining and maintaining Combat Mission Ready (CMR) status. It sets CMCT and CSPT standards and CMC continuation training requirements.

1.2.1. (**Added-AFISRA**) The Cryptologic Skills Program (CSP) will be developed in modules. There will be a common knowledge module developed by appointed Subject Matter Experts (SME) that is applicable regardless of Mission Design System (MDS) and further modules tailored to each MDS.

1.3. Authority for this instruction is the Deputy Chief of Staff, Intelligence, Surveillance, and Reconnaissance (AF/A2). Waiver authority for the requirements defined in this AFI is AF/A2D unless otherwise specified in this AFI. Management of cryptologic skills training and certification programs for Airborne Cryptologic Linguists is delegated to Air Force Intelligence, Surveillance, and Reconnaissance Agency (AF ISR Agency).

1.4. Responsibilities:

1.4.1. AF ISR Agency/A3 will:

1.4.1.1. Provide oversight for the Airborne CSP. This oversight shall include ensuring compliance and standardization of all units with assigned 1A8X1s. Oversight function will not be delegated to lower echelons of command. AF ISR Agency shall program adequate 1A8X1 personnel and resources to meet this requirement.

1.4.1.2. Review and approve all Airborne CSP materials and CSPTs. Document validation.

1.4.1.3. Provide policy and guidance in order for Wings and subordinate Groups to develop their respective programs.

1.4.1.4. Be the waiver authority for the cryptologic mission certification of 1A8X1s. Waiver authority will not be further delegated below AF ISR Agency/A3.

1.4.1.5. Augment HHQ Inspector General (IG) teams and ensure AF ISR Agency representation on IG visits to units with 1A8X1s assigned.

1.4.1.6. Conduct and augment periodic Staff Assistance Visits.

1.4.1.7. Review Airborne CSP annually. Chair annual cryptologic mission certification review boards to review cryptologic training requirements and programs for units with 1A8s.

1.4.1.7. (**AFISRA**) Annual program review boards will consist of AFISRA CSP managers, program developers, Wing/Group Office of Primary Responsibilities (OPR) and SMEs. Boards will create, maintain, and/or review career field Cryptologic Skills Core Task Lists used for program development and management. Deconflict program elements to ensure they build on initial technical training and progressively develop 1A8X1 CSP skills.

1.4.1.8. Ensure Wings and subordinate Groups have adequate cryptologic training and test materials.

1.4.1.8. (**AFISRA**) Maintain at least three versions of every common knowledge module Cryptologic Skills Program Test (CSPT) with at least 25% difference between versions. The use of computer based test generation which randomly generates unique tests from a master question file to create multiple versions is allowed. Computer-based testing must use AF ISR Agency approved programs and methods. Minimum passing score for all tests is 85% per section (target knowledge and aural skills).

1.4.1.9. Review and publish group-approved lists of units responsible for development of AOR-specific Airborne CSP materials. Lists will also identify specific 1A8X1 aircrew positions for each weapon system, broken out by Commonly Taught Language (CTL) and Less Commonly Taught Language (LCTL) designations.

1.4.1.10. Supplement this instruction to provide guidelines for Airborne CSP and CSPT development.

1.4.1.11. Approve Wing and subordinate Groups supplemental instructions. Review supplements annually.

1.4.1.12. Review Wing and subordinate Groups Airborne CSP annually.

1.4.1.13. Provide AF/A2DFM and applicable MAJCOM/A3s a copy of approved supplements to this instruction.

1.4.1.14. Process all change requests to this instruction and forward to AF/A2DFM for future revisions.

1.4.1.15. Provide annual program status report to AF/A2 (with courtesy copy to ACC, AFSOC and AFCYBER, A2 and A3) by February 1 of each year, encompassing the preceding calendar year. Include the following information:

1.4.1.15.1. Narrative detailing overall program health.

1.4.1.15.2. Percentage of airborne linguist personnel in compliance with this instruction.

1.4.1.15.3. Percentage of airborne linguist personnel found to be in non-compliance with this instruction. Particular data should be included to detail the percentage of airborne linguists who did not complete CMCT and initial CSPT within 120 days of arrival at the duty station and/or were in non-compliance with this instruction for more than 60 days within the annual period. (ANG will complete CMCT and initial CSPT at the Senior Scout FTU in conjunction with MQT). An explanatory narrative providing an overall assessment of trends and issues associated with the non-compliance statistics should also be included.

1.4.1.15.4. List of approved and disapproved waivers for the annual period with associated reason(s) for each

1.4.1.15.5. Actions on the part of AF ISR Agency to address negative trends, if any.

1.4.2. Wings and subordinate Groups will:

1.4.2.1. Provide management for the Airborne CSP and ensure standardization among squadrons.

1.4.2.1.1. **(Added-AFISRA)** Review career field cryptologic skills Core Task Lists and provide consolidated SME input to AFISRA/A3T no later than (NLT) two weeks prior to program review conference.

1.4.2.1.2. **(Added-AFISRA)** Provide a Crew Manning Letter (CML) to AFISRA/A3T that delineates language/entity requirements to ensure program standardization. Submit CMLs two weeks prior to program review conference.

1.4.2.2. Establish procedures for the Airborne CSP and document in a supplement to this instruction. Forward supplement to AF ISR Agency/A3T.

1.4.2.3. Monitor all CMCT and CSPT.

1.4.2.4. Establish a no-notice evaluation (testing) program and goals for Airborne CSP.

1.4.2.4. **(AFISRA)** Publish no-notice evaluation (testing) program guidance in Wing/Group supplements. Programs will establish the percentage of personnel to be tested per annum based on all 1A8X1s (not by language or area) assigned to the unit.

1.4.2.4.1. **(Added-AFISRA)** Forward program results/information to AFISRA/A3T in conjunction with annual program status report (see Paragraph 1.4.2.15.).

1.4.2.5. Designate an OPR with POC for Airborne CSP oversight and management.

1.4.2.6. Ensure subordinate units have adequate cryptologic training and test materials.

1.4.2.7. Conduct Staff Assistance Visits.

1.4.2.7. **(AFISRA)** SAVs will be conducted, at least, six months prior to formal inspections. OPRs will provide subordinate units with SAV checklists to support self inspections.

1.4.2.8. Maintain a list of unit Subject Matter Experts (SME) and responsible areas.

1.4.2.8. **(AFISRA)** Lists must contain one primary and one alternate SME per Commonly Taught Language (CTL), Less Commonly Taught Languages (LCTL) and mission management position supporting unit missions. Forward SME lists to

AFISRA/A3T at the beginning of each quarter, no later than the 15th of the first month of each quarter (Jan, Apr, Jul, Oct). If SME is not available for an area in which the unit is responsible, list "None" on the SME letter.

1.4.2.9. Designate lead units for development of Airborne CSP for all areas in which cryptologic activities are required and forward to AF ISR Agency/A3T.

1.4.2.10. Document and assist as necessary with subordinate unit self-inspections.

1.4.2.11. Establish procedures for generating, reviewing, and filing cryptologic training documentation.

1.4.2.11.1. **(Added-AFISRA)** CSP documentation will be maintained in accordance with Career Field Enlisted Training Plan (CFETP). Use AF Form 4023, *Aircrew Training Progress Report* to document progress of Cryptologic Mission Certification Training (CMCT) courses. Use AF Form 1381, *USAF Certification of Aircrew Training* to document completion of all Baseline-Airborne CMCT and CSPTs. Units may also annotate completed Supplemental-Airborne CSP courses on AF Form 1381.

1.4.2.12. Maintain at least three versions of every CSPT with at least 25% difference between versions. The use of computer based test generation which randomly generates unique tests from a master question file to create multiple versions is allowed.

1.4.2.13. Oversee development of all Airborne CSP materials.

1.4.2.14. Forward Airborne CSP materials to AF ISR Agency/A3T for distribution to training units and operational squadrons.

1.4.2.15. **(Added-AFISRA)** Provide annual program status report to AFISRA/A3T by 15 January, or next available duty day, each year, encompassing the preceding calendar year. Include information required in Paragraph 1.4.1.15.

1.4.2.16. **(Added-AFISRA)** Submit waivers electronically to AFISRA/A3T. Required information is name, rank, Resource Language Allocation (RLA) code, and comment. Comment field will contain reason for member waiver request and will be considered for Airborne Cryptologic Linguists who will be in the following categories for the requested waiver period:

1.4.2.16.1. **(Added-AFISRA)** Member enrolled in CMCT but not complete.

1.4.2.16.2. **(Added-AFISRA)** No approved CSP available.

1.4.3. Squadrons/Units will: **Note:** Due to the broad differences in mission tasks and unit structures, maintenance of cryptologic certification, continuation training, CMCT and CSPT materials, the administration of tests may be performed by either the unit operations training branch, training flights, training or standardization evaluations office, or as a shared function, as long as all responsibilities and procedures are documented in local instructions approved by the unit commander.

1.4.3.1. Manage their respective Airborne CSP and ensure adequate cryptologic training and test materials are available for all assigned Airborne Cryptologic Linguists.

1.4.3.1.1. **(Added-AFISRA)** Review career field cryptologic skills Core Task Lists and provide consolidated SME input to Wing/Group program managers.

- 1.4.3.2. Document and forward requests for cryptologic training and testing materials through respective chains of command to AF ISR Agency/A3T.
- 1.4.3.2. (AFISRA) Requests should include language/entity, CSP area, type of media (text, audio, graphics, etc.), and task list line item that request will address.
- 1.4.3.3. Appoint the most qualified individuals as SMEs for their areas of responsibility to assist in developing and maintaining cryptologic skills training and testing materials, as required.
- 1.4.3.4. Ensure SMEs are available to review all Airborne CSP materials annually for currency, this review should occur in conjunction with corresponding weapon system's annual Formal Training Unit (FTU) syllabus review, or at the Air Combat Command RC-135 1A8X1 syllabus review for weapon systems without an FTU.
- 1.4.3.4. (AFISRA) CSP program reviews should occur with weapon system's syllabus review or annually, whichever is more restrictive.
- 1.4.3.5. Conduct no-notice testing of Airborne CSP. Monitor this program to ensure goals set by Wing/Group are met and unit no-notice tests are distributed proportionately among aircrew positions.
- 1.4.3.6. Conduct an annual self-inspection of their Airborne CSP. See Attachment 3.
- 1.4.3.7. Manage and conduct cryptologic training and testing in accordance with this instruction and parent unit supplement, as applicable.
- 1.4.3.8. Ensure all new personnel are given an initial training and experience assessment to determine training needs. This assessment will determine areas of strengths and weaknesses and will provide a baseline measurement for program effectiveness. Initial assessment will test academic (vocabulary/terminology, target knowledge/order of battle and geography) and aural skills (transcription/aural recognition) knowledge.
- 1.4.3.9. Ensure newly assigned personnel complete CMCT and an initial CSPT within 120 days of arrival. (ANG will complete CMCT and initial CSPT at the Senior Scout FTU in conjunction with MQT.)
- 1.4.3.10. In coordination with the work center supervisor and/or unit training manager, as applicable, ensure training quality reports provided by technical schools and the Formal Training Unit (FTU) are completed and returned.
- 1.4.3.11. Establish local training progress and feedback procedures.
- 1.4.3.12. Control, maintain, and administer written and/or computer based training progress checks.
- 1.4.3.13. Designated lead units (see paragraph 1.4.2.9) will develop Airborne CSP materials for their area of responsibility.
- 1.4.3.14. Only administer approved CMCT and CSPT materials for CSPT certification. Units may supplement approved materials as needed to make their local CMCT programs more robust.
- 1.4.3.15. Develop procedures to re-administer CSPT, as required by the unit commander.

1.4.3.16. Establish procedures for identifying trends and improving training processes.

1.4.3.17. Establish procedures for the quality control of training documentation.

1.4.3.18. Assign individuals appropriate instructional training to strengthen weak areas identified in the CSPT process.

1.4.3.19. Lead units will review training materials at least annually to ensure accuracy and currency.

1.4.3.20. Establish feedback and trends programs to ensure every CSPT is a fair and accurate measure of cryptologic skills and provide results to the SQ/CC or SQ/DO at least semi-annually.

Chapter 2

CRYPTOLOGIC MISSION CERTIFICATION TRAINING

2.1. Upon assignment to any line flying unit, Airborne Cryptologic Linguists will enter Cryptologic Mission Certification Training. This training should be completed within 120 days from the date of arrival to the line flying unit. (ANG will complete CMCT and initial CSPT at the Senior Scout FTU in conjunction with MQT.)

2.2. CMCT. All Airborne Cryptologic Linguists, regardless of unit of assignment, will complete area-specific CMCT before flying unsupervised on any operational sortie in a given area. CMCT programs are developed for all Airborne Cryptologic Linguist crew positions by designated lead units of primary responsibility and apply to all operators assigned in that position regardless of assigned unit. Each CMCT plan will be coordinated with and approved by OG/CC designated office of primary responsibility (OPR).

2.2.1. CMCT for CTL linguist positions (see Paragraph 1.4.1.9), at a minimum, include the following: target/area knowledge (vocabulary/terminology, target knowledge/order of battle, geography), and aural exercises (transcription).

2.2.2. CMCT for LCTL linguist positions (see Paragraph 1.4.1.9) will be determined by the squadron with the predominance of that particular LCTL asset and, at a minimum, include the following: target/area knowledge (vocabulary/terminology, target knowledge/order of battle, and geography), and when possible, aural exercises (transcription).

2.2.3. CMCT for mission management (ie. AMS, AA, DLO) positions will, at a minimum, include the following: target academics (area specific order of battle/tactics, geo-political, analysis and reporting, threat warning and SIGINT mission management).

2.3. Completion of CMCT is required to attain CMC status for the applicable area. Successful completion will be validated through the administration of a comprehensive CSPT which will cover all areas of cryptologic training. Completion of CMCT will be documented, with inclusion of CSPT score, on an AF Form 1381 USAF Certification of Aircrew Training, or equivalent, and placed in the member's training folder. The squadron operations officer will designate certifying officials.

2.4. Once an Airborne Cryptologic Linguist has achieved CMC for a given area, he or she will be required to complete CMCT continuation training IAW Attachment 2.

2.5. RC-135 MDS Airborne Cryptologic Linguists will fly operational sorties in area a minimum of once every 180 days in order to maintain CMC status for a given area. Reserve personnel may use simulated operational missions to comply with this requirement. The first flight in area will occur within 180 days of certification. Waiver authority for this requirement is AFISRA/A3 and will not be delegated lower than AFISRA/A3.

2.6. (Added-AFISRA) SME review of CSPT material will count as CMCT training code (CXXXT) event for appointed SMEs.

Chapter 3

CRYPTOLOGIC SKILLS PROFICIENCY TEST

3.1. All Airborne Cryptologic Linguists who successfully complete area-specific CMCT are required to pass a CSPT at least once every 17 months to maintain CMC. Airborne Cryptologic Linguists, who fail to successfully accomplish a CSPT event for any particular mission area, lose CMC for that area. Commanders will direct additional training, as necessary to ensure all Airborne Cryptologic Linguists attain and maintain a state of proficiency which will permit immediate and successful completion of the unit's assigned mission.

3.2. CSPT. The CSPT measures the results of the CMCT process. It provides a snapshot on each area trained and is used for overall process improvement. Each CSPT will be designed to measure the skills attained through CMCT and should equally cover all areas provided in CMCT for that entity.

3.2.1. Target knowledge tests will consist of any combination of target weapon system capability/tactics, subordination, location/areas, functional association, scenario identification, and general knowledge items.

3.2.1.1. **(Added-AFISRA)** Target knowledge tests for CTL and LCTL positions will consist of 50-100 questions derived from applicable training materials covering identified core task list items. Minimum passing score is 85%.

3.2.1.2. **(Added-AFISRA)** Target knowledge tests for Mission Management positions will consist of 50-300 questions derived from applicable training materials covering identified core task list items. If a member is testing for multiple areas, the test will contain no less than 25 questions per area tested. Minimum passing score is 85%.

3.2.2. Aural skills evaluations methods may range from target specific transcription proficiency checks to aural recognition tests. Aural skills evaluation methods will be determined on specific unit mission requirements. Minimum passing scores for tests is 85%.

3.2.2.1. **(Added-AFISRA)** Aural skills tests for CTL and LCTL positions will consist of 50-100 questions derived from applicable training materials covering identified core task list items. CSPT content will test examinee's ability to gist, and/or extract essential elements of information, and/or identify activity on a single pass.

3.3. Units will administer the CSPT in accordance with the following guidelines:

3.3.1. IAW the timelines/frequency specified in Attachment 2. ** Note: Depending on mission requirements, units may require more frequent testing, e.g., in conjunction with an individual's qualification evaluation cycle to line up with area recertification requirements.

3.3.2. A no-notice CSPT will be administered annually for a percentage of qualified Airborne Cryptologic Linguists as determined by Wings and subordinate Groups. A no-notice testing program provides commanders a sampling of daily airborne cryptologic linguist performance and an assessment of unit training effectiveness.

3.3.3. CSPT for CTL linguist positions (see Paragraph 1.4.1.9) will, at a minimum, include the following: academic examination (vocabulary/terminology, target knowledge/order of battle, and geography), and aural skills evaluation (transcription/aural recognition).

3.3.4. CSPT for LCTL linguist positions (see Paragraph 1.4.1.9) will be determined by the squadron with the preponderance of the particular LCTL assets and, at a minimum, includes the following: academic examination (vocabulary/terminology, target knowledge/order of battle, and geography). If a complete CSPT battery exists for a LCTL, then the full test will be administered. If there is no CSPT for a specific language, the unit commander may waive any or all of the CSPT requirements for that language and appoint individuals as initial cadre, for CSPT purposes. Initial cadre individuals will be considered CMC until sufficient CSPT material is available. Document waivers on a Memorandum for Record (MFR), and place in the individual's training folder.

3.3.4.1. **(Added-AFISRA)** CSPT waivers for initial cadre must be reaccomplished until programs are approved. Once programs are approved, enroll members in CMCT.

3.3.5. CSPT for 1A8X1 mission management (ie AMS, AA, DLO) positions will include an academic examination of the following material: area-specific order of battle/tactics, geo/political, analysis and reporting, threat warning, and SIGINT mission management (cryptanalysis, signals analysis, language analysis, and intelligence analysis). CSPT for these positions will also include an aural skills evaluation in the crewmember's primary Resource Language Allocation (RLA) code. Aural skills evaluation requirements will be as directed by the OG.

3.3.5. **(AFISRA)** Where approved tests exist, Mission Management position aural skills requirements will be met by completing the aural skills portion of CSPT in member's primary RLA. If no approved test exists in primary RLA, use aural skills portion of CSPT in member's secondary RLA where available.

3.3.6. CMC operators who have completed certification in multiple areas may take combined academic tests when practical. However, a separate aural skills evaluation must be completed for each area of certification. In order to maintain CMC status, operators must be certified in at least one area. More specifically, an operator who is CSPT certified in more than one area need only take one CSPT, according to the frequency listed in Attachment 2, in order to maintain CMC status.

3.3.7. Failure to pass a CSPT will result in loss of CMC status for that language/area certification. The affected individual will not participate as a crew member on operational missions in that language/area, unsupervised unless specifically waived. Place waiver in the individual's training folder.

3.3.7.1. **(Added-AFISRA)** Passing scores for CSPT will be 85% for both academic and aural skills portions. Test will be considered a failure if less than 85% is achieved on either portion.

3.3.7.2. **(Added-AFISRA)** Member must repeat failed test portion if scoring below standards. Individuals are authorized to continue participating as unsupervised crew members for other language/areas in which they attain/maintain Combat Mission Capable (CMC) status.

3.3.8. Restore CMC status by re-testing and successfully completing the CSPT.

3.3.8.1. Re-testing will be accomplished no sooner than three duty days after the first failure. In the event of second failure, a third CSPT will be administered. In this

situation the squadron commander will determine a sufficient period of time for study and additional training/preparation and will be documented in the member's training folder.

3.3.8.1. **(AFISRA)** A different version (or randomly generated version if computer-based testing is used) must be used for each re-test attempt.

3.3.8.2. Document additional training/preparation time in the individual's training folder. Detail what additional training was accomplished, time spent accomplishing the training, and the total number of hours spent completing additional training and study, and any extenuating circumstances.

3.3.8.2. **(AFISRA)** Documentation of additional training must be certified by someone in the individual's supervisory chain-of-command.

3.3.8.3. Individuals failing to successfully complete the CSPT after three attempts are no longer certified to perform the cryptologic operational duties of an airborne cryptologic linguist. The unit will convene a special board chaired by the unit commander to review the case and: (1) make a recommendation to re-enter the individual into additional training; (2) seek a waiver, or (3) request a Flight Evaluation Board (FEB) in accordance with AFI 11-402 *Aviation and Parachutist Service, Aeronautical Ratings and Badges*, paragraph 4.3.5.

3.3.9. Completion of the CSPT requirement will be documented in Aviation Resource Management System (ARMS), and individual training folders. ARMS documentation procedures and event code descriptions are located in Attachment 2.

3.4. Adopted Forms.

AF Form 847, *Recommendation for Change of Publication*

AF Form 1381 *USAF Certification of Aircrew Training*

(Added-AFISRA) AF Form 4023, *Aircrew Training Progress Report*.

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Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

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AFPD 14-1, *Intelligence, Surveillance and Reconnaissance (ISR) Planning, Resources and Operations*, 02 April 2004

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DoDI 3305.09, *DoD Cryptologic Training*, 22 December 2006

Abbreviations and Acronyms

AA—Airborne Analyst

ACL—Airborne Cryptologic Linguist

(Added-AFISRA) AFISRA— Air Force Intelligence, Surveillance, and Reconnaissance Agency

ANO—Analysis Operator

AMS—Airborne Mission Supervisor

BMC—Basic Mission Capable

(Added-AFISRA) CFETP— Career Field Enlisted Training Plan

CMC—Cryptologic Mission Certification

(AFISRA) CMC— Combat Mission Capable

CMCT—Cryptologic Mission Certification Training

(Added-AFISRA) CML— Crew Manning Letter

CMR—Combat Mission Ready

CO—Cryptologic Operator

CSP—Cryptologic Skills Program

CSPT—Cryptologic Skills Proficiency Test

(AFISRA) CSPT— Cryptologic Skills Program Test

CT—Continuation Training

CTL—Less Commonly Taught Language

(Added-AFISRA) CXXXT— Cryptologic Mission Certification Training Code

DSO—Direct Support Operator

DLO—Data Link Operator

FTU—Formal Training Unit

LCTL—Less Commonly Taught Language

MDS—Mission Design Series

(AFISRA) MDS— Mission Design System

(Added-AFISRA) NLT— No Later Than

(Added-AFISRA) OPR— Office of Primary Responsibility

RLA—Resource Language Allocation

SCE—Service Cryptologic Element

SIGINT—Signals Intelligence

SME—Subject Matter Expert

Terms

Aircrew—The total complement of rated, career enlisted aviators (1AXXX Air Force Specialty Codes), and nonrated aircrew (K-, Q-, or X-prefixed Air Force Specialty Code) personnel responsible for the safe ground and flight operation of the aircraft and onboard systems, or for airborne duties essential to accomplishment of the aircraft's mission. Includes members in initial formal training for immediate assignment to an authorized operational flying position. Individuals must be on aeronautical orders and assigned to an authorized position according to AFI 65-503, *US Air Force Cost and Planning Factors*, or nonrated aircrew not in an aircraft's basic crew complement, but required for the mission. Aircrew members perform their principal duties inflight and their presence is required for the aircraft to accomplish its primary tasked mission. Duties must be essential to operating the aircraft or mission systems and equipment used for completing a mission, or other duties essential to the aircraft's mission.

Airborne Cryptologic Skills Proficiency—Continuation Training consisting of select, entity specific, cryptologic training used to attain, maintain and improve cryptologic skills in the assigned, or previously assigned, target entity or RLA. Cryptologic Skills Proficiency consists of Target Academic Knowledge (Vocabulary/Terminology, Target Knowledge/Order of Battle, Geography), and Aural Exercises (Transcription). While target academic knowledge is key, and a building block for cryptologic proficiency; for linguists, language transcription exercises are essential and should be the basis of every Cryptologic Skills Proficiency program.

Commonly Taught Language (CTL)— Languages where there are higher numbers of requirements and/or throughput in the training pipeline. Current list includes: Arabic, Chinese, Korean, Persian-Farsi, Russian, and Spanish. Designation of languages as CTL or LCTL may be revised by the 1A8XX Career Field Manager.

Continuation Training—The continuation training program provides crew members with the volume, frequency, and mix of training necessary to maintain proficiency in the assigned qualification level or certification.

(Added-AFISRA) Cryptologic Mission Certification Training (CMCT)— Initial, cryptologic training that occurs at the line flying unit designed to certify airborne linguists in their language/mission management position for the unit mission. It also includes the continuation training required to maintain currency of cryptologic mission skills.

Cryptologic Skills Experienced—Linguists CMC in their RLA for more than 1 year and with more than 250 hours in the applicable RLA, for the purpose of Airborne CSP will be considered experienced. Non-experienced/Experienced status for Airborne CSP is based on total hours as an Airborne Cryptologic Linguist in the applicable RLA, not total MDS specific hours.

(Added-AFISRA) Cryptologic Skills Proficiency Test (CSPT)— A proficiency test designed to measure an airborne linguist's cryptologic skills necessary to accomplish unit mission objectives. For language specific positions, it includes an academic test covering vocabulary/terminology, target knowledge/order of battle, and geography, and an aural skills evaluation covering transcription/aural recognition. For mission management positions, it includes an academic test covering area-specific order of battle/tactics, geo/political, analysis and reporting, threat warning, and SIGINT mission management (cryptanalysis, signals analysis, language analysis, and intelligence analysis) and an aural skills evaluation in the crew member's primary Resource Language Allocation code.

Cryptologic Training—Institutional training in skills unique to the cryptologic mission. Training required to conduct or support cryptologic operations contained in the Direct Cryptologic Program or the Consolidated Cryptologic Program.

Less Commonly Taught Language (LCTL)—All languages not designated as a Commonly Taught Language (CTL). Designation of languages as CTL or LCTL may be revised by the 1A8XX Career Field Manager.

No- Notice Evaluation—An evaluation where the examinee is notified of the evaluation at or after the beginning of the normal preparation for the mission.

Primary Resource Language Allocation—For the purposes of this instruction Primary RLA is the language an Airborne Cryptologic Linguist is billeted for. For linguists in slick billets the Primary RLA is the language most recently trained in.

Resource Language Allocation—Digraph or code used to indicate an authorized language identity is required. Language, other than English, is required to perform the duties of the position.

Subject Matter Expert—Person serving as the content expert, responsible for ensuring the accuracy of course or module content.

Transcription—The action of turning audio into text. Transcription may be done on- or off-line. Transcription vehicles include, but are not limited to a hand-scan, gist, edited-transcript, and

verbatim-transcript. IAW 1A8X1 CFETP, Paragraph 4.2.8. Duties and Responsibilities: Maintain skills through transcription and processing of cryptologic information. Processes, transcribes, translates, analyzes, and reports on assigned cryptologic activities in accordance with established formats and priorities. Translates cryptologic material. Uses applicable working aids and references. Recognizes Essential Elements of Information (EEI) for reporting activity. Assists in identifying, analyzing, and reporting activities.

Attachment 2

CRYPTOLOGIC SKILLS CONTINUATION TRAINING TABLES

Table A2.1. Airborne CSP Aviation Resource Management System (ARMS) Code.

<p>CSPT Certification Event Code: CXXXXC CMCT Training Event Code: CXXXXT Operational Sortie Event Code: CXXXXQ or CXXXXS</p> <p>1st Digit: C = Cryptologic 2nd/3rd Digit: Digraph to indicate position or language 4th Digit: Alpha-Numeric Operational Area Code 5th Digit: Use C to indicate CSPT certification, T for monthly event, Q for quarterly event, and S for semiannual event.</p> <p>Examples: CAM1: AMS Continuation Training Event in Area 1 CDL2: DLO Continuation Training Event in Area 2 CAD1C: CO/ANO/DSO Arabic Certification in Area 1 CADXT: CO/ANO/DSO Arabic Monthly 8 Hours CSP Training</p> <ol style="list-style-type: none"> 1. When practical, Operators and Instructors are encouraged to dual log like training events. 2. Event CXXXXC, will not be logged until CSPT requirements are complete for the particular area and position that an Airborne Cryptologic Linguist will hold the certification in. 	
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Table A2.1. (AFISRA) Airborne CSP Aviation Resource Management System (ARMS) Code – Expanded.

2nd/3rd Digit Codes	
AA	Afrikaans
AB	Albanian
AC	Amharic
AD	Arabic (Modern Standard)
AE	Arabic – Egyptian
AK	Arabic – Jordanian
AL	Arabic – Libyan
AM	Arabic – Maghrebi
AN	Arabic – Peninsula
AP	Arabic – Syrian
AQ	Arabic – Lebanese
AR	Armenian
AU	Arabic – Yemeni
AV	Arabic – Sudanese
AX	Azerbaijani
AZ	Arabic

BN	Bengali
BR	Berber
BS	Arabic – Moroccan
BT	Baluchi
BW	Arabic – Tunisian
BY	Burmese
BZ	Bantu
CA	Cambodian
CC	Chinese – Cantonese
CD	South Min
CK	Chechen
CM	Chinese – Mandarin
DE	Sudanese
DG	Arabic – Gulf
DH	Arabic – Algerian
DJ	Dinka
EC	Bassa (Camaroons)
FG	Fijian
FR	French
GG	Georgian
GU	Guarani
GW	Gujarati
GZ	Sub Sahara African
HC	Haitian – Creole
HE	Hebrew
HJ	Hindi
HN	Hindustani
HR	Herero
HS	Hausa
HZ	Chavacano
JN	Indonesian
KE	Kazakh
KP	Korean
KU	Kurdish
LC	Lao
MC	Miao-yao
ME	Maori
MH	Moro
ML	Malay
OZ	Indic
PF	Persian – Farsi (Iranian)
PG	Persian – Dari (Afghan)
PJ	Punjabi
PQ	Portuguese – Brazilian
PV	Pashtu (Afghan)

QB	Spanish
QZ	Indic
RU	Russian
SC	Serbo-Croatian
SJ	Singhalese
SM	Somali
SP	Sotho
SW	Swahili
TA	Tagalog
TB	Tadjik
TC	Tamil
TH	Thai
TL	Tigrinya
TN	Tigre
TU	Turkish
UB	Turkoman
UM	Mbundu
UR	Urdu
UX	Uzbek
VB	Cebuano
VN	Vietnamise – Hanoi
WH	Xhosa
XA	Zenaga
XK	Kurmanje
XS	Sorani
YB	Yao (Malawi & Mozambique)
YC	Yao (China)
YD	Chinese – Amoy
YE	Chinese – Swatow
YQ	Yoruba
YW	Malay Pattani
ZA	Airborne Mission Supervisor
ZB	Mission Crew Supervisor
ZC	Airborne Analyst
ZD	Data Link Operator
4th Digit Codes	
1	CENTCOM
2	PACOM
3	SOUTHCOM
4	EUCOM
5	NORTHCOM
6	AFRICOM

Table A2.2. Airborne Cryptologic Linguist Annual CSP Requirements.

Code	Event	CMC N/E	Frequency	Notes
CXXXT	Cryptologic Mission Certification Training	12/6	1/60	1,3,4,5,6
CXXXQ/S	Operational Sortie	1	1/90, 1/180	7
CXXXC	Cryptologic Skills Proficiency Test	1	1/17 months	2

Notes:

1. Instructors may dual-log this event.
2. RC-135 AMS/AA/DLO multiple-qualified operators will log for highest qualification.
3. External training may be logged if approved by squadron training office.
4. Non-experience (N)/Experienced (E) status for CMC is based on total hours as an Airborne Cryptologic Linguist in the applicable RLA, not total MDS specific hours.
5. CXXXT consists of any combination CMCT curriculum items for a total of 8 hours. No less than 6 hours of CMCT will be transcription-centric, either training or operational.
6. For AMS/AA/DLO positions holding a LCTL primary RLA, CXXXT consists of any combination CMCT for a total of 8 hours. Any transcription-centric training will be as determined or directed by OG.
7. Operational sorties are area-specific. Frequency is based on high threat (1/90) and low threat (1/180) areas. (Applies to RC-135 MDS ACLs only. See Para. 2.5.)

Prorating and look-back procedures apply as described in the applicable AFI 11-2MDS specific Volume 1.

Attachment 3

SAMPLE SELF-INSPECTION CHECKLIST

NOTE: This is only an example to be used to develop your own inspection checklists based on your particular organizational level and Airborne CSP requirements.

A3.1. Airborne Cryptologic Skills Program Requirements.

A3.1.1 Has the Group/Unit commander:

A3.1.1.1. Appointed Subject Matter Experts for their designated areas of responsibility? (Para 1.4.3.3)

A3.1.1.2. Ensured Subject Matter Experts are available to review CSPT materials annually for currency? (Para 1.4.3.4)

A3.1.1.3. Ensured annual Airborne CSP self-inspections are conducted and documented? (Para 1.4.3.6)

A3.1.1.4. Identified lead units for development of an Airborne CSP for all areas in which cryptologic activities are required and have lists been forwarded to AF ISR Agency/A3T for publication? (Para 1.4.2.9 and 1.4.3.13)

A3.2. Has the Unit commander:

A3.2.1. Established local Airborne CSP training progress and feedback procedures? (Para 1.4.3.11)

A3.2.2. Ensured all new Airborne Cryptologic Linguists are given an initial training and experience assessment to determine training needs? (Para 1.4.3.8)

A3.2.3. Forwarded unit-developed CSPT materials to appropriate training units and operational squadrons with required? (Para 1.4.2.14)

A3.2.4. Established a feedback and trends program to ensure CSPT materials are a fair and accurate measure of cryptologic skills and are those results reviewed at least semi-annually? (Para 1.4.3.20)

A3.3. Do unit Subject Matter Experts:

A3.3.1. Assist unit training sections in developing cryptologic skills training course materials and examinations? (Para 1.4.3.4)

A3.3.2. Assist training sections in annual review of training materials?

A3.4. Cryptologic Skills/Mission Training:

A3.4.1. Are all Airborne Cryptologic Linguists entered into Cryptologic Mission Certification Training to achieve CMC status within 120 days of arrival?

A3.4.2. Do all Airborne Cryptologic Linguists complete CMCT and a CSPT before flying unsupervised on an operational sortie?

A3.4.3. Do all CO/ANO/DSO common position Cryptologic Mission Certification Training include: Target Academic Knowledge (Vocab/Terminology, Target Knowledge/Order of Battle, Geography), and Aural Exercises (Transcription)?

A3.4.4. Do all certified Airborne Cryptologic Linguists accomplish minimum CMCT and CSPT for certification and continuation training IAW Table A2.1 or A2.2 for their area of certification?

Attachment 4 (Added-AFISRA)**AF FORM 4023, AIRCREW TRAINING PROGRESS REPORT COMPLETION
INSTRUCTIONS**

NOTE: These are the minimum requirements for documenting Baseline-Airborne CSP training requirements. Squadrons may use this to document Supplemental-Airborne CSP training.

A4.1. (AFISRA) AF Form 4023, Aircrew Training Progress Report. This form will be used to document training progress through Baseline-Airborne CSP course material. At least one entry will be made in member's six-part folder bi-weekly.

A4.1.1. **(AFISRA)** Field 1, *Training Period/Date*. This field will be the dates of the period being reported.

A4.1.2. **(AFISRA)** Field 2, *GT* and Field 3, *GT Total*. GT is all academic classroom, or self-paced study covering academic task list items. Round each training event to the closest quarter hour.

A4.1.3. **(AFISRA)** Field 4, *Fly* and Field 5, *Fly Total*. These fields include all pre-, post-, and mission tasks covering flying performance task list items. Round each training event to the closest quarter hour.

A4.1.4. **(AFISRA)** Field 6, *ATD* and Field 7, *ATD Total*. ATD is any hands-on training using Automated Information Systems or MDS simulator equipment covering performance task list items. Round each training event to the closest quarter hour.

A4.1.5. **(AFISRA)** Field 8, *Total Training Time*. Total all training hours accomplished in fields 3, 5, and 7.

A4.1.6. **(AFISRA)** Field 9, *Remarks/Recommendations*. This field serves a variety of purposes. At a minimum, the initial report will contain date entered in training, course name and number, number of projected training days, and primary instructor assigned. Subsequent bi-weekly reports will contain, at a minimum, how many tasks completed and any missed training time with explanation. Additional comments pertaining to training may be entered in this field.

A4.1.7. **(AFISRA)** Print and sign name in appropriate blocks.