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CFETP 2A7X2

Parts I and II

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AFSC 2A7X2

NONDESTRUCTIVE INSPECTION

CAREER FIELD EDUCATION AND TRAINING PLAN

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NONDESTUCTIVE INSPECTION SPECIALTY
AFSC 2A7X2

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PART I

Preface

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training. To read, review, or print a copy of the current CFETP, go to the Aircraft Maintenance Homepage at: http://140.185.52.73/ilm/ilmm/acmaint/.

NOTE: Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts. Supervisors to will use both parts to plan, manage, and control training.

2.1 Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan. Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path. Section C associates each level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints to accomplishing this plan, such as funds, manpower, equipment, and facilities. Section E identifies transition training guide requirements for SSgt through MSgt.

2.2 Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references to support training; Air Education and Training Command (AETC) conducted training, wartime course/core task and correspondence course requirements. Section B contains the course objective list and training standards supervisors will use to determine if airmen have satisfied training requirements. Section C identifies available support materials, such as Qualification Training Package (QTP) which may be developed to support proficiency training. Section D identifies a training course index that supervisors can use to determine if resources are available to support training. Included here are both mandatory and optional courses. Section E identifies MAJCOM unique training requirements supervisors can use to determine additional training required for the associated qualification needs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training. Formal course which provides individuals who are qualified in their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of an AFS.

Air Force Job Qualification Standard (AFJQS). A comprehensive task list that describes a particular job type or duty position. Supervisors use the AFJQS to document task qualifications. The tasks of AFJQS are common to all persons serving in the described duty position.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document covering the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Continuation Training. This is additional training that exceeds minimum upgrade requirements and has an emphasis on present or future duty assignments.

Core Task. Tasks that the Air Force Career Field Manager (AFCFM) identifies as minimum qualification requirements within an Air Force Specialty regardless of duty position. Only a percentage of critical tasks for each system are listed as mandatory core tasks. This gives units needed flexibility to manage their workforce training. Core tasks identified with */R are optional for ANG and AFRC.

Course Objective List (COL). A publication identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-/7-level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, Developing, Managing and Conducting Military Training Programs

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4). Special or regular on-site training conducted by a training detachment (TD) or by a mobile training team (MTT).

Initial Skills Training. A formal school course that results in the award of a 3-skill level AFSC.

Instructional System Development (ISD). A deliberate and orderly process for developing, validating, and reviewing instructional programs that ensures personnel are taught the knowledge and skills essential for successful job performance.

Occupational Survey Report (OSR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, over-the-shoulder training at the duty location used to certify personnel for both skill level upgrade and duty position qualification.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skill/knowledge training required to do the job.

Qualification Training Package (QTP). An instructional course designed for use at the unit to qualify or aid qualification in a duty position or program or on a piece of equipment. It may be printed, computer based, or in other audiovisual media.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, or equipment, that preclude desired training from being accomplished.

Specialty Training Standard (STS). An Air Force publication that describes an Air Force Specialty in terms of tasks and knowledge an airman may be expected to perform or to know on the job. It serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools, Career Development Courses, and exportable courses.

Training Setting. The type of forum in which training is provided (formal resident school, on-the-job, field training, mobile training team, self-study, etc.).

Upgrade Training. A mixture of mandatory courses, task qualification, QTPs, and CDCs required for award of the 3-, 5-, 7-, or 9-skill levels.

Utilization and Training Workshop (U&TW). A forum, co-chaired by the AFCFM and Training Pipeline Manager, of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

Section A - General Information

1. Purpose. This CFETP provides the information necessary for Air Force Career Field Manager (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training

program. This plan outlines the training that individuals in AFSC 2A7X2 should receive in order to develop and progress throughout their career. This CFETP identifies initial skill, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by AETC at Pensacola NAS, FL. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

1.2. Identifies tasks and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.

1.3. Lists training courses that are available in the specialty and identifies sources of training, and the training delivery method.

1.4. Identifies major resource constraints which impact full implementation of the desired career field training process.

2. Use of the CFETP. This plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC training personnel will develop or revise formal resident, non-resident, Training Detachment (TD), and exportable training based upon requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining the resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable courses can satisfy these identified requirements. MAJCOM developed training, to support this AFSC, must be identified for inclusion in this plan and must not duplicate other available training resources.

2.3. Each individual will complete the mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.

3. Coordination and Approval. The AFCFM is the approval authority.   The AETC training manager for AFSC 2A7X2 will initiate an annual review of this document by AETC and MFM to ensure currency and accuracy. The using MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

4. Specialty Description.
4.1. **Specialty Summary.** Refer to AFMAN 36-2108, *Airman Classification*, paragraph 1. Determines test method; prepares for inspection; and interprets and evaluates indications of test method applied to detect discontinuities and flaws in missile, aircraft, and aerospace ground support equipment and component parts; pressurized systems, and fluid systems. Related DoD Occupational Subgroup: 760.
4.2. **Duties and Responsibilities.** Refer to AFMAN 36-2108, paragraph 2.
4.2.1. **Nondestructive Inspection Apprentice and Journeyman:** Determines test method; prepares for inspection; and interprets and evaluates indications of test method applied to detect discontinuities and flaws in missile, aircraft, and aerospace ground support equipment and component parts; pressurized systems; and fluid systems. Determines test method and prepares fluids and parts for nondestructive inspection. Determines the test method best suited for the part. Prepares used engine lubricating oil and other fluid samples for spectrometric oil analysis, and evaluates test results. Performs nondestructive tests, and interprets and evaluates test indications. Performs selected test method to identify discontinuities and flaws in component parts and integrity of pressurized systems associated with missile, aircraft, and aerospace ground support equipment by examining with magnetic particle, ultrasonic, eddy current, radiographic, optical, and penetrant equipment and materials. Measures thickness of materials. Performs bond testing. Interprets and evaluates indications revealed by tests. Operates and maintains nondestructive test equipment. Operates and performs operator maintenance on portable and fixed magnetic particle testers, fluorescent and visible penetrant test equipment, ultrasonic test equipment, eddy current test equipment, and radiographic equipment. Operates and performs operator maintenance on oil analysis spectrometers. Prepares and maintains magnetic particle baths for purity and concentration. Develops exposure charts to compute exposure data for radiographic techniques employed. Maintains and cleans darkroom equipment such as film holders, lead screens, reading lights, and film storage facilities. Performs silver recovery functions. Establishes and monitors radiation areas during radiographic operations. Uses applicable Technical Orders to comply with inspection procedures. Records pertinent data in Job Data Documentation (JDD) in the Automated Maintenance Systems. Recommends methods to improve equipment performance and maintenance procedures. Handles, labels, and disposes of hazardous materials and waste according to environmental standards.
4.2.2. Nondestructive Inspection Craftsman. Inspects Aerospace/Non-aerospace components and pressurized systems; interprets, evaluates, and utilizes trend analysis on indications of test methods. Maintains test equipment. Selects and performs nondestructive inspection by examining material parts, components, and pressurized systems of missile, aircraft, and aerospace ground support equipment. Operates and uses florescent, liquid penetrant, eddy current, magnetic particle, radiographic, optical, and ultrasonic equipment and techniques. Observes, measures, and detects discontinuities, flaws, and other defects such as cracks, inclusions, voids, blow holes, seams, and laps not discernible by orthodox visual methods. Evaluates physical state of materials such as sorting metal according to alloy, temper, conductivity, and other metallurgical factors. Evaluates surface or subsurface discontinuities, flaws, or defects in substances, and use and integrity of pressurized systems. Measures thickness of materials. Performs bond testing. Operates and performs operator maintenance on

nondestructive test and oil analysis equipment. Interprets and evaluates indications of test method. Interprets and evaluates tests by analysis of indications such as ultrasonic wave traveling through, or being reflected or absorbed by metallic or nonmetallic material to detect discontinuities; variations in electrical characteristics and energy losses in detecting and measuring depths of discontinuities or flaws and visual results of liquid penetrant seepage. Measures fire and heat damage. Evaluates quantity of the wear metals in fluid samples through spectrometric oil analysis. Inspects and evaluates nondestructive inspection activities. Conducts inspections of work activities and functions. Checks for compliance with technical orders, safety directives, and policy. Evaluates recommended methods to improve equipment performance and maintenance procedures.

4.2.3. Aircraft Fabrication Superintendent. Manages activities in accomplishing aircraft structural maintenance, metals technology, survival equipment maintenance, and nondestructive inspection. Plans, organizes, and directs aircraft fabrication maintenance, including environmentally safe practices. Establishes production controls and standards. Analyzes maintenance management reports. Determines resource requirements including equipment, facilities, and supplies. Coordinates with other activities to improve procedures and resolve problems. Directs maintenance personnel employed in removing, disassembling, inspecting, repairing, treating corrosion, reassembling, installing, testing, and modifying aircraft structural components, survival equipment, and local manufacturing activities. Solves aircraft fabrication maintenance and support equipment repair problems. Inspects and evaluates fabrication maintenance activities. Evaluates completed work to determine operational status and compliance with directives, policies, and work standards. Manages resources, interprets inspection findings, and recommends corrective action.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives necessary training at appropriate points in their career. The following narrative and AFSC 2A7X2 career field table identify the skill/career progression.

5.1. Apprentice (3) Level. Following Basic Military Training, initial skills training will be provided in a resident course at Detachment 2, 361st Training Squadron, Naval Air Station, Pensacola, Florida. Upon completion of this initial-skills course, graduates are awarded the 3-skill level (AFS 2A732). The course provides a foundation for additional training at the graduate's first duty assignment where trainees work with a trainer to increase knowledge and skills. Trainees utilize the career development course (CDC), task qualification training, and other exportable courses to progress in their career field. Once the trainer task certifies the trainee, the trainee may perform the task unsupervised.

5.2. Journeyman (5) Level. Upgrade training to the 5-skill level includes task and knowledge training. After award of the 3-skill level, trainees are enrolled in 5-level CDCs. Additionally, trainees must complete 5-skill level , upgrade training requirements (core tasks) identified in the STS.Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned job positions such as quality assurance and various staff positions. After having 48 months in the Air Force, 5-levels will

attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weighted Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. Craftsman (7) Level. For award of the 7-skill level, an individual must successfully complete all required 7-level training identified in this CFETP and meet 7-level minimum upgrade requirements (AFI 36-2101 and AFMAN 36-2108). Completion of CDC 2AX7X, Aerospace Maintenance Craftsman, is part of the required 7-level upgrade training. A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, shop chief, task certifier, and various staff positions. Exportable MDS specific courses and MAJCOM/unit directed courses are also available. Seven-levels should take courses or obtain added knowledge in management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will attend the Noncommissioned Officer Academy.

5.4. Superintendent (9) Level. For award of the 9-skill level, individuals must hold the rank of SMSgt. A 9-level can be expected to fill positions such as flight chief, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will attend the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFS is also recommended.

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Nondestructive Inspection career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were made at the career field utilization and training workshop held at Naval Air Station, Pensacola, Florida from 22-26 April 2002.

6.1. Initial Skills. No additional training requirements were added to the current apprentice course, and no training was deleted from the course. Proficiency codes for nine STS items were changed (one "3b" to "2b"; one "1a" to "A"; five "a" to "A"; one "A" to "B"; and one "3b" to "2b"). These changes will result in only minor changes to the apprentice course.

6.2. Five Level Upgrade Requirements. No additions were made to the current 5-level career development course (CDC), and one item, Perform Weld Certification, was deleted.

6.3. Seven Level Upgrade Requirements. No changes were made to the 7-level craftsman course.

6.4. Continuation Training. Any additional knowledge and skill requirements that were not taught through initial or upgrade training are assigned to unit training or Training Detachments. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty position. MAJCOMs develop a proficiency training program that ensures individuals in the Nondestructive Inspection career field receive the necessary training at the appropriate point in their career. The program identifies both mandatory and optional training requirements.

7. Community College of the Air Force (CCAF) Academic Programs. Enrollment in CCAF occurs upon completion of basic military training (BMT). CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition to its associate degree program, CCAF offers the following:

7.1. Occupational Instructor Certification. Upon completion of instructor qualification training, consisting of the instructor methods course and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander and commandant for certification as an occupational instructor.

7.2 Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The college uses a competency based assessment process for trade skill certification at one of four proficiency levels; Apprentice, Journeyman, Craftsman (Supervisor), or Master Craftsman (Manager). All are transcribed on the CCAF transcript.

7.3. Degree Requirements: All airmen are automatically entered into the CCAF program. Prior to completing an associate degree, the 5-level must be awarded and the following requirements must be met:

	Semester Hours
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Technical Education; Leadership, Management, and Military Studies; or General Education	
Total	64

7.3.1. Technical Education (24 Semester Hours): A minimum of 12 semester hours of Technical Core subjects and courses must be applied and the remaining semester hours applied from Technical Core or Technical Elective subjects and courses. Completion of the initial skills resident training at Sheppard AFB satisfies all or part of the technical education requirement.

7.3.2. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and/or civilian management courses.

7.3.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

7.3.4. General Education (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with the definitions of applicable General Education subjects/courses as provided in the *CCAF General Catalog.*

7.3.5. Program Elective (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects and courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree-applicable technical credit otherwise not applicable to this program may be applied. See the *CCAF General Catalog* for details regarding the Associates of Applied Science for this specialty.

7.4. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC Instructor should be actively pursuing an associate's degree. A degreed faculty is necessary for to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Path

8.1. Enlisted Career Path. Table 8.1 identifies career milestones for the 2AXXX AFS.

Table 8.1 Enlisted Career Path				
Education and Training Requirements	**Grade Requirements**			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training (OJT) - Minimum 9 months OJT for retrainees - Complete all 5-level core tasks on one MDS. - Complete appropriate CDC if/when available	Amn A1C SrA	6 months 16 months 3 years	28 months	12 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only)				
Trainer - Qualified and certified to perform the task to be trained - Must attend formal OJT Trainer Course and by Commander	**Certifier** - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal OJT Trainer Course and appointed by Commander. - Be a person other than the trainer except for AFSCs, duty positions, units and/or work centers with specialized training standardization and certification requirements.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt - Minimum 12 months OJT training - Minimum 6 months OJT for retrainees - Complete all 5- and 7-level core tasks on one mission design aircraft - Complete appropriate CDC if/when available. - Attend Craftsman course, if applicable	SSgt	7.5 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only)	TSgt MSgt	12.5 years 16 years	5 years 8 years	24 Years 26 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt Selectee - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only) - A percentage of top non-select (for promotion to E-8) MSgts attend the SNCOA each year	SMSgt	19.2 years	11 years	28 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt.	CMSgt	21.5 years	14 years	30 Years

8.2. Base/Unit Education and Training Manager Checklist:

Table 8.2. Base/Unit Education and Training Manager Checklist		
Requirements for Upgrade to:	**Y**	**N**

Journeyman
- Has the apprentice completed mandatory CDCs, if available?
- Has the apprentice completed all appropriate 5-level core tasks identified in the CFETP?
- Has the apprentice completed all other duty position tasks identified by the supervisor?
- Has the apprentice completed 15 months upgrade training (9 months for retrainees) for award
  of the5-skill level?
- Has the apprentice met mandatory requirements listed in specialty description AFMAN
  36-2108, (Airman Classification), and the CFETP?
- Has the apprentice been recommended by their supervisor?		

Craftsman - Has the journeyman achieved the rank of SSgt? - Has the journeyman completed mandatory CDCs? - Has the journeyman completed all core tasks identified in the CFETP? - Has the journeyman completed all other duty position tasks identified by the supervisor? - Has the journeyman attended 7-skill level Craftsman Course? - Has the journeyman completed a minimum 12 months UGT for award of the 7-skill level?		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade Trainee

Trainee is prepared to be upgraded and has completed all mandatory training requirements.

_____   _____
        Training Manager   Supervisor

Section C - Skill Level Training Requirements

9. Purpose. Skill level training requirements in the 2A7X2 career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific tasks and knowledge training requirements are identified in Part II, Section A, Specialty Training Standard (STS) and Section A and B of this CFETP.

10. Specialty Qualification Requirements. . The various skill levels in this career field are defined in terms of tasks and knowledge proficiency requirements for each skill level. They are stated in broad general terms and establish the standards of performance. Unit work centers must develop a structured training program to ensure the following requirements are met.

10.1**. Apprentice Level Training:**
10.1.1. **Specialty Qualification.** This information is located in the official specialty description in AFMAN 36-2108, paragraph 3.
10.1.1.1. **Knowledge**. To perform duties at the 3-skill level, an individual must possess knowledge of: characteristics of metal identification; wear metals identification and content; metal discontinuity and flaw detection; operation and maintenance of nondestructive test and oil analysis equipment; safety codes and practices; radiological safety and radiation monitoring procedures; technical orders and directives; and proper handling, use, and disposal of hazardous waste and materials.
10.1.1.2. **Education**. For entry into this specialty, completion of high school with courses in mathematics, chemistry, industrial technology, physics, and shop is desirable. Also, completion of computer knowledge courses is desirable.
10.1.1.3. **Training**. For award of AFSC 2A732, completion of the Nondestructive Inspection Apprentice course is mandatory.
10.1.1.4. **Experience.** None.
10.1.2. **Training Sources and Resources.** The initial skills course will provide the required knowledge, qualification, and, if applicable, certification.
10.1.3. **Implementation.** Upon graduation from Basic Military Training (BMT), completion of the Nondestructive Inspection Apprentice course is mandatory. This course satisfies the knowledge and training resource requirements for award of the 3-skill level.
10.2. **Journeyman Level Training:**
10.2.1. **Specialty Qualification.** This information is located in the official specialty description in AFMAN 36-2108, paragraph 3.
10.2.1.1. **Knowledge.** In addition to the 3-level qualifications, a 5-skill level must possess knowledge of: characteristics of metals identification; wear metals identification and content; metal discontinuity and flaw detection; operation and maintenance of nondestructive test and oil analysis equipment; safety codes and practices; radiological safety and radiation monitoring procedures; technical orders and directives; and proper handling, use, and disposal of hazardous waste and materials.
10.2.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.

10.2.1.3. **Training.** For award of AFSC 2A752, the 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

10.2.1.4. **Experience.** Qualification in and possession of AFS 2A732. Also, experience in flaw detection process controls, equipment calibration and maintenance, safety directives, and hazardous waste programs. Completion of all 5-level core tasks identified in the STS is mandatory.

10.2.2. **Training Sources and Resources.** A minimum of 15 months on-the-job training, completion of the 2A752 CDC, and completion of the 5-level core tasks represent the resources needed for award of the 5-skill level.

10.2.3. **Implementation.** Training to the 5-level is performed by the units utilizing this STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of CDC 2A752, completion of all core tasks on one MDS aircraft, and 15 months upgrade training.

10.3. **Craftsman Level Training:**

10.3.1. **Specialty Qualification.** This information is located in the official specialty description in AFMAN 36-2108, paragraph 3.

10.3.1.1. **Knowledge.** A 7-level must possess advanced skills and knowledge of: characteristics of metals identification; wear metals identification and content; metal discontinuity and flaw detection; operation and maintenance of nondestructive test and oil analysis equipment; safety codes and practices; radiological safety and radiation monitoring procedures; technical orders and directives; and proper handling, use, and disposal of hazardous waste and materials.

10.3.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.

10.3.1.3. **Training.** Completion of the mandatory 2AX7X CDC, 7-level core tasks, and the resident 7-level course are mandatory for upgrade to 2A772.

10.3.1.4. **Experience.** Qualification in and possession of AFS 2A752. Completion of all 5- and 7-level core tasks identified in the STS is mandatory.

10.3.2. **Training Sources and Resources.** Completion of the resident 2A772 craftsman course at Naval Air Station, Pensacola, Florida, completion of CDC 2AX7X, along with supervisor certification of Air Force directed core tasks, represent the resources required for award of the 7-skill level. The Course Objective List (COL) listed in Part II lists the training rendered at the 7-level resident course at Naval Air Station, Pensacola, Florida.

10.3.3. **Implementation.** Upgrade to the 7-level will require completion of all AF core tasks, 12 months OJT as a SSgt, completion of the 7-level 2AX7X CDC and completion of the resident 7-level course at Naval Air Station, Pensacola, Florida.

10.4. **Superintendent Level Training:**

10.4.1 **Specialty Qualification.** This information is located in the official specialty description in AFMAN 36-2108, paragraph 3.

10.4.1.1. **Knowledge.** Knowledge is mandatory of: aircraft structural maintenance, metals technology, survival equipment, and nondestructive inspection methods; characteristics and directives; maintenance data reporting; and proper handling, storage, use, and disposal of hazardous waste and materials.

10.4.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.

10.4.1.3. **Training.** For award of AFSC 2A790, promotion to SMSgt is mandatory.

10.4.1.4. **Experience.** For award of AFSC 2A790, qualification in and possession of AFSC 2A771, 2A772, 2A773, or 2A774 is mandatory. Also, experience is mandatory managing aircraft structural maintenance, metals technology, survival equipment, or non-destructive inspection specialties and functions.

10.4.2. **Training Sources and Resources.** Instruction received at the Senior NCO Academy and duty position qualification represent the required resources for upgrade to the 9-skill level.

10.4.3. **Implementation.** The 9-level will be awarded after promotion to SMSgt.

Section D - Resource Constraints

11. Purpose. This section identifies known resource constraints that preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

12. Apprentice Level Training: No apprentice-level resource constraints were identified by the U&TW.

13. Five Level Training: No 5-level resource constraints were identified by the U&TW.

14. Seven-Level Training: No 7-level resource constraints were identified by the U&TW.

Section E. - Transitional Training Guide. There are no transition training requirements. This area is reserved.

PART II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by Air Education and Training Command for the apprentice classes beginning 4 February 03 and graduating 14 April 2003.

2. Purpose. As prescribed in AFI 36-2201, this STS:

2.1. Lists in the column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level.

2.2. Identifies in column 2 (Core Tasks) by asterisk (*), specialty-wide training requirements. Core tasks identified with an *R are optional for the AFRC and the ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional critical tasks as necessary. When designated, certify these critical tasks using normal core task certification procedures. As a minimum, third-party certification on all AFCFM-directed core tasks is required for skill level upgrade. Exemptions:

2.2.1. Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training)

2.2.2. For units with more than one mission design (e.g. A-10) aircraft, upgrade trainees need only complete core tasks on a single mission design. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design aircraft, if desired. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft. *Flightline-assigned personnel must complete backshop core tasks and vice versa*. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

2.2.3. Units that use the GO81 maintenance data collection system do not need to complete Core Automated Maintenance System (CAMS) Computer Based Training (CBT) core tasks. However, these units must be capable of training CAMS related CBT core tasks for deployment preparation. This capability ensures GO81 users are capable of operating CAMS prior to deploying to CAMS using units. This requirement will remain in effect until GO81 and CAMS are converted to the Integrated Maintenance Data System (IMDS).

2.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use CAMS to document technician qualifications, if available. Task certification must show a certification or completed date.

2.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course.

2.5. Qualitative Requirements. Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

2.6. Job Qualification Standard. Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:

2.6.1 Documentation. Document and certify completion of training IAW AFI 36-2201, Vol. 3. Automated records, utilizing Core Automated Management System (CAMS) reflecting this STS is highly encouraged. Use of attachments one, two, and four are mandatory in individual training records along with CFETP Part I and Part II, Section A. Use of at least one of attachments three or five through fifteen is required.

2.6.1.1. Converting from Old Document to CFETP. All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, conversion of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. Document and certify all previous and current training IAW AFI 36-2201.

2.7. Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron, by Senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2502, *Airman Promotion Program*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

3. Recommendations: Report unsatisfactory performance of individual course graduates to the AETC training manager at 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264, DSN 736-3539. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For a quick response to problems, call our customer service information line, DSN 736-5236, any time, day or night.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL   MICHAEL E. ZETTLER, Lieutenant General, USAF
                                           DCS/Installations and Logistics

3 Attachments
1. Proficiency Code Key
2. Specialty Training Standard (STS)
3. 2AX7X CDC

This Block Is For Identification Purposes Only		
Name Of Trainee		
Printed Name (*Last, First, Middle Initial*)	Initials (Written)	SSAN

Printed Name Of Training/Certifying Official And Written Initials	
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*
N/I	*N/I*

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	**IS EXTREMELY LIMITED** (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	**IS PARTIALLY PROFICIENT** (Can do most parts of the task. Needs help only on hardest parts.)
	3	**IS COMPETENT** (Can do all parts of the task. Needs only a spot check of completed work.)
	4	**IS HIGHLY PROFICIENT** (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
*Task Knowledge Levels	a	**KNOWS NOMENCLATURE** (Can name parts, tools, and simple facts about the task.)
	b	**KNOWS PROCEDURES** (Can determine step by step procedures for doing the task.)
	c	**KNOWS OPERATING PRINCIPLES** (Can identify why and when the task must be done and why each step is needed.)
	d	**KNOWS ADVANCED THEORY** (Can predict, isolate, and resolve problems about the task.)
**Subject Knowledge Levels	A	**KNOWS FACTS** (Can identify basic facts and terms about the subject.)
	B	**KNOWS PRINCIPLES** (Can identify relationship of basic facts and state general principles about the subject.)
	C	**KNOWS ANALYSIS** (Can analyze facts and principles and draw conclusions about the subject.)
	D	**KNOWS EVALUATION** (Can evaluate conditions and make proper decisions about the subject.)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDCs.

/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3c/b, 2b/b etc.).

Note: Tasks and knowledge items shown with an asterisk (*) in column one are trained during wartime. The 7-level course is not taught during wartime.

Attachment 1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
ATTACHMENT 2											
NOTE 1: Items marked with an asterisk (*) in columns 2A and 2B identify specialty wide core task training requirements for upgrade.											
NOTE 2: All tasks and knowledge identified as training requirements in column 4A will be taught during wartime. The 7-level course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-3539.											
A2.1. CAREER LADDER PROGRESSION TR: AFMAN 36-2108											
A2.1.1. Progression in career ladder 2A7X2								A	-	-	-
A2.1.2. Duties of 2A732/2A752								A	-	-	-
A2.2. OPERATIONS SECURITY VULNERABILITIES OF AFSC 2A7X2 TR: AFI 10-1101								A	-	-	-
A2.3. AIR FORCE OCCUPATIONAL SAFETY AND HEALTH TR: AFI 91-302; Applicable AFOSH Standards; MCR 66-5											
A2.3.1. Hazards of AFSC 2A7X2								A	B	-	-
A2.3.2. AFOSH Standard for AFSC 2A7X2								-	B	-	-
A2.4. HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: AFOSH Std 161-21.1W											
A2.4.1. Types of hazardous materials/fluids								B	-	-	-
A2.4.2. Handling procedures								B	-	-	-
A2.4.3. Storage and labeling								B	-	-	-
A2.4.4. Proper disposal								B	-	-	-
A2.5. TECHNICAL PUBLICATIONS TR: AFPD 21-3; TOs 00-5-1, 00-5-2, Applicable -36 TOs											
A2.5.1. Use indexes to locate required technical orders								-	B	-	-
A2.5.2. Use technical orders to perform nondestructive inspections	*							2b	B	-	-
A2.5.3. Maintain technical order files								-	B	-	-
A2.6. SUPPLY MANAGEMENT TR: AFMAN 23-110											
A2.6.1. Obtain information for:											
A2.6.1.1. Special requisitions								-	A	-	-
A2.6.1.2. Issue slips								-	A	-	-
A2.6.1.3. Turn-in slips								-	A	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.6.2. Prepare equipment authorizations TR: AFMAN 23-110; TAs 002, 285, 455, 460, Fed Log								-	A	-	-
A2.6.3. Maintain supply documentation TR: AFMAN 23-110								-	-	-	-
A2.6.4. Use CAMS supply interface (SBSS) TR: AFCSM 21-563								-	-	-	-
A2.6.5. Manage resources TR: AFMAN 23-110											
A2.6.5.1. Maintain equipment accountability								-	-	-	-
A2.6.5.2. Supplies											
A2.6.5.2.1. Issue								-	-	-	-
A2.6.5.2.2. Establish levels								-	-	-	-
A2.6.5.2.3. Maintain levels								-	-	-	-
A2.7. SUPERVISION AND TRAINING TR: AFMAN 36-2108; AFI 21-101											
A2.7.1. Supervise personnel											
A2.7.1.1. Determine personnel requirements								-	-	-	-
A2.7.1.2. Orient new personnel								-	-	-	-
A2.7.1.3. Interpret/implement policies, directives or procedures for subordinates								-	-	-	-
A2.7.2. Train personnel											
A2.7.2.1. Determine training requirements								-	-	-	-
A2.7.2.2. Assign OJT trainers or supervisors								-	-	-	-
A2.7.2.3. Maintain records								-	-	-	-
A2.7.2.4. OJT trainer requirements											
A2.7.2.4.1. Prepare teaching outlines or task breakdowns								-	-	-	-
A2.7.2.4.2. Provide trainees theory and train on actual equipment								-	-	-	-
A2.7.2.4.3. Provide feedback on training provided								-	-	-	-
A2.7.2.5. OJT task certifier requirements											
A2.7.2.5.1. Develop methods of evaluation to determine trainee knowledge/ qualification and training effectiveness								-	-	-	-
A2.7.2.5.2. Use appropriate method of evaluation and effectively determine trainee's ability								-	-	-	-
A2.7.2.5.3. Provide supervisor and trainer feedback on results of training provided, and trainee's strengths and/or weaknesses								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.7.3.	Plan/Schedule maintenance and repair work											
A2.7.3.1.	Analyze workload requirements								-	-	-	-
A2.7.3.2.	Coordinate with other agencies								-	-	-	-
A2.7.3.3.	Determine/Establish priorities								-	-	-	-
A2.7.3.4.	Adjust daily maintenance plans to meet operational commitments								-	-	-	-
A2.8.	MAINTENANCE AND INSPECTION											
A2.8.1.	Maintenance levels TR: AF1 21-101; AFI 21-114								A	B	-	-
A2.8.2.	Inspection systems TR: AFI 21-101; AFI 21-114; TO 00-20 series								A	B	-	-
A2.8.3.	Quality deficiency reporting system TR: TO 00-35D-54								-	B	-	-
A2.8.4.	Automated Maintenance Data Collection Systems											
A2.8.4.1.	Core Automated Maintenance System (CAMS)								-	B	-	-
A2.8.4.2.	GO 81								-	B	-	-
A2.8.5.	Use CAMS TR: AFCSM 21 series; TO 00-20 series											
A2.8.5.1.	Open discrepancies	*							A	-	-	-
A2.8.5.2.	Close discrepancies	*							A	-	-	-
A2.8.5.3.	Access applicable CAMS menus and data screens								-	-	-	-
A2.8.5.4.	Complete course J6AZU00066-041, CAMS for Metals Technicians								-	-	-	-
A2.8.6.	Use GO 81 TR: 80-81/SBSS Systems Interface Users Guide											
A2.8.6.1.	Open discrepancies	*							-	-	-	-
A2.8.6.2.	Close discrepancies	*							-	-	-	-
A2.8.6.3.	Access applicable menus and data screens								-	-	-	-
A2.8.7.	Use Process Control Automated Maintenance System (PCAMS) TR: TO 33B-1-1								-	-	-	-
A2.8.8.	Use/maintain hand tools								-	-	-	-
A2.8.9.	Consolidated Tool Kit (CTK) procedures and documentation								-	-	-	-

Attachment 2

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.9.	AEROSPACE CONSTRUCTION FEATURES TR: Applicable -3 and -36 TOs											
A2.9.1.	Major components								A	B	-	-
A2.9.2.	Reference line definitions								A	B	-	-
A2.9.3.	Aircraft markings								A	B	-	-
A2.10.	BASIC METALLURGY TR: TOs 1-1A-1, 1-1A-9, 33B-1-1											
A2.10.1.	Properties of metal											
A2.10.1.1.	Physical								A	B	-	-
A2.10.1.2.	Mechanical								A	B	-	-
A2.10.2.	Classification of metals								A	B	-	-
A2.10.3.	Types of discontinuities											
A2.10.3.1.	Manufacturing								A	B	-	-
A2.10.3.2.	Service								A	B	-	-
A2.11.	OPTICAL EVALUATION TR: Equipment manuals; Applicable TOs for aircraft assigned											
A2.11.1.	Use optical equipment to evaluate indications TYPE _____ TYPE _____	*							2b	B	-	-
A2.11.2.	Operator maintenance								A	B	-	-
A2.12.	LIQUID PENETRANT INSPECTION METHOD TR: Equipment manuals; Mil Stds; TO 33B-1-1; -36 TOs; Applicable equipment TOs											
A2.12.1.	Fundamentals of liquid penetrant inspection											
A2.12.1.1.	Method A								B	B	-	-
A2.12.1.2.	Method B								B	B	-	-
A2.12.1.3.	Method C								B	B	-	-
A2.12.1.4.	Method D								B	B	-	-
A2.12.2.	Inspect parts using											
A2.12.2.1.	Method A								-	-	-	-
A2.12.2.2.	Method B								-	-	-	-
A2.12.2.3.	Method C	*							2b	B	-	-
A2.12.2.4.	Method D	*							2b	B	-	-

Attachment 2

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.12.3.	Interpret indications	*							2b	B	-	-
A2.12.4.	Process control	*							2b	B	-	3c
A2.12.5.	Operator maintenance								A	B	-	-
A2.13.	MAGNETIC PARTICLE INSPECTION METHOD TR: Applicable TOs/manuals											
A2.13.1.	Fundamentals of magnetic particle inspection								B	B	-	-
A2.13.2.	Inspect parts											
A2.13.2.1.	Using circular magnetism	*							2b	B	-	-
A2.13.2.2.	Using longitudinal magnetism	*							2b	B	-	-
A2.13.2.3.	Demagnetize part	*							2b	B	-	-
A2.13.3.	Interpret indications	*							2b	B	-	-
A2.13.4.	Process control	*							2b	B	-	3c
A2.13.5.	Perform operator maintenance								a	B	-	-
A2.14.	EDDY CURRENT INSPECTION METHOD TR: Equipment manuals; Equipment TOs; Mil Stds; TO 33-B-1-1; -36 TOs											
A2.14.1.	Fundamentals of eddy current inspection								B	B	-	-
A2.14.2.	Use standards	*							2b	B	-	3c
A2.14.3.	Principles of Impedance Plane Analysis								B	B	-	-
A2.14.4.	Inspect parts using											
A2.14.4.1.	Impedance testing								2b	B	-	-
A2.14.4.2.	Conductivity testing								2b	B	-	-
A2.14.4.3.	Perform Impedance Plane Analysis	*							2b	B	-	3c
A2.14.5.	Interpret indications											
A2.14.5.1.	Impedance testing								2b	B	-	-
A2.14.5.2.	Impedance Plane Analysis	*							2b	B	-	3c
A2.14.6.	Operator maintenance								A	B	-	-
A2.15.	ULTRASONIC INSPECTION METHOD TR: Equipment manuals; Equipment TOs; Mil Stds; TO 33B-1-1; -36 TOs											
A2.15.1.	Fundamentals of ultrasonics								B	B	-	-
A2.15.2.	Use standards	*							2b	B	-	3c
A2.15.3.	Inspect parts using:											
A2.15.3.1.	Longitudinal wave	*							2b	B	-	3c

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.15.3.2.	Shear wave	*							2b	B	-	3c
A2.15.3.3.	Surface wave								-	B	-	-
A2.15.4.	Interpret indications	*							2b	B	-	3c
A2.15.5.	Operator maintenance								A	B	-	-
A2.15.6.	Process control	*							2b	B	-	3c
A2.16.	BOND TESTING METHOD TR: Equipment manuals; Equipment TOs; TO 33B-1-1; -36 TOs											
A2.16.1.	Fundamentals of bond testing								B	B	-	-
A2.16.2.	Use standards								2b	B	-	3c
A2.16.3.	Inspect parts using:											
A2.16.3.1.	Tap test								-	B	-	-
A2.16.3.2.	Ultrasonics								2b	B	-	3c
A2.16.3.3.	Mechanical Impedance Analysis (MIA)								2b	B	-	3c
A2.16.3.4.	Resonance								2b	B	-	3c
A2.16.3.5.	Pitch-Catch								2b	B	-	3c
A2.16.4.	Interpret indications								2b	B	-	3c
A2.16.5.	Operator maintenance								A	B	-	-
A2.17.	COMPOSITE COMPONENT INSPECTION METHOD TR: Mil Stds; TO 33B-1-1; -36 TOs; Applicable equipment TOs											
A2.17.1.	Fundamentals of composite structures								B	B	-	B
A2.17.2.	Use standards								2b	B	-	3c
A2.17.3.	Inspect parts using:											
A2.17.3.1.	Pulse echo								2b	B	-	3c
A2.17.3.2.	Through transmission								2b	B	-	3c
A2.17.4.	Interpret indications								2b	B	-	3c
A2.18.	RADIOGRAPHIC INSPECTION METHOD TR: Applicable AFIs; TO 33B-1-1; -36 TOs; Applicable equipment TOs											
A2.18.1.	Fundamentals of radiography								B	B	-	-
A2.18.2.	Digital Filmless Radiography								-	-	-	-
A2.18.3.	Radiation safety											
A2.18.3.1.	Personnel exposure levels								B	B	-	-
A2.18.3.2.	Use radiation detection devices	*							2c	B	-	-

Attachment 2

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.18.3.3.	Protection requirements								B	B	-	-
A2.18.3.4.	Use radiation hazard markings	*							2c	B	-	-
A2.18.4.	Principles of silver recovery								A	B	-	-
A2.18.5.	Precious metals recovery program								A	B	-	-
A2.18.6.	Inspect parts											
A2.18.6.1.	Set up equipment/film	*							2b	B	-	-
A2.18.6.2.	Select film								2b	B	-	-
A2.18.6.3.	Use image quality indicators								2b	B	-	-
A2.18.6.4.	Use image quality enhancers								2b	B	-	-
A2.18.6.5.	Make exposure corrections								2b	B	-	-
A2.18.6.6.	Develop film	*							2b	B	-	-
A2.18.6.7.	Perform Exposures	*							2b	B	-	-
A2.18.7.	Interpret indications	*							2b	B	-	3c
A2.18.8.	Perform operator maintenance	*							2b	B	-	-
A2.18.9.	Process control	*							2b	B	-	-
A2.19.	TECHNIQUE DEVELOPMENT TR: TO 33B-1-1											
A2.19.1.	Select inspection method								-	B	-	3c
A2.19.2.	Develop inspection method								-	B	-	3c
A2.19.3.	Record inspection technique								-	B	-	3c
A2.20.	SPECTROMETRIC OIL ANALYSIS TR: AF1 21-124; TOs 33-1-37, applicable equipment TOs											
A2.20.1.	Aircraft engine familiarization								-	-	-	-
A2.20.2.	Fundamentals of oil analysis								B	B	-	-
A2.20.3.	Standardize/Calibrate Atomic Emission (AE) Spectrometer TYPE _____ TYPE _____ TYPE _____	*							2b	B	-	-
A2.20.4.	Operate Atomic Emission (AE) Spectrometer TYPE _____ TYPE _____ TYPE _____	*							2b	B	-	-
A2.20.5.	Evaluate trends	*							2b	B	-	3c
A2.20.6.	Fundamentals of data automation								B	B	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.20.7. Perform Operator Maintenance on Atomic Emission (AE) Spectrometer TYPE _____ TYPE _____ TYPE _____	*							2b	B	-	-
A2.20.8. Fundamentals of the correlation program								B	B	-	-
A2.20.9. Analyze correlation samples								-	B	-	-
A2.20.10. Prepare correlation results								-	B	-	-
A2.20.11. Analyze Deployment Kits								-	B	-	-
A2.20.12. Certification Program TR: TOs 33-1-37-1 and 33-1-37-2								B	B	-	-
A2.20.13. Analyze Complete Oil Breakdown Rate Analyzer (COBRA) samples								-	-	-	-
A2.20.14. Operate SEM/EDX System TR: 1F-16CJ-2-70FI-00-1 and Applicable Operator Mmanual								-	-	-	-
A2.21. General Maintenance/Production Team Tasks TR: Applicable Aircraft TOs											
A2.21.1. Technical Order Familiarization								-	-	-	-
A2.21.2. Flightline/safety/precautions/security								-	-	-	-
A2.21.3. Introduction to aircraft/airframe familiarization/egress								-	-	-	-
A2.21.4. Inspect/use ground maintenance stand								-	-	-	-
A2.21.5. Dropped Object Prevention Program (DOPP)								-	-	-	-
A2.21.6. Defensive System (DS) familiarization (on applicable aircraft)								-	-	-	-
A2.21.7. Statically ground aircraft								-	-	-	-
A2.21.8. Inspect/operate portable external electrical power unit								-	-	-	-
A2.21.9. Apply/disconnect external electrical power								-	-	-	-
A2.22. Tow aircraft											
A2.22.1. Perform wing/tail walker duties								-	-	-	-
A2.22.2. Brake operator								-	-	-	-
A2.23. Perform refuel/defuel team member duties											
A2.23.1. Fireguard								-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.23.2. Panel Operator								-	-	-	-
A2.23.3. Open and close engine cowling								-	-	-	-
A2.23.4. Remove/install aircraft maintenance access panels								-	-	-	-
A2.23.5. Use aircraft interphone system								-	-	-	-
A2.23.6. Perform aircraft marshaling procedures								-	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 2: This attachment is to be used in conjunction with other attachments in applicable CFETPs.											
NOTE 3: Personnel must complete CDC requirements on all MDSs/attachments.											
NOTE 4: This attachment is to be used as a correlation document for the 2AX7X 7-level Aerospace Maintenance Craftsman CDC's.											
NOTE 5: All items are SUBJECT KNOWLEDGE LEVELS only and require no certification on this STS.											
A3.1. MANAGEMENT WITHIN THE MAINTENANCE COMPLEX TR: AFI 21-101, AFI 21-118 and specific MAJCOM guidance											
A3.1.2. Functions of the Maintenance Complex								-	-	-	B
A3.1.3. Operations / Logistics Group Commander Responsibilities TR: AFI 38-101, AFPD 38-1								-	-	-	B
A3.1.4. Accountability and Core Values								-	-	-	B
A3.1.5. Aircraft Maintenance Management Information Systems								-	-	-	B
A3.1.6. Aircraft Monitoring								-	-	-	B
A3.1.7. Compliance and Standardization Requirements Listings								-	-	-	A
A3.1.8. Maintenance Quality Performance Measures (QPM) Relationships								-	-	-	B
A3.1.9. Health-of-the-Fleet Metrics								-	-	-	B
A3.1.10. Foreign Object Damage (FOD) Program Manager TR: AFI 21-101								-	-	-	A
A3.1.11. Joint Oil Analysis Program TR: T.O. 33-1-37-1								-	-	-	B
A3.1.12. Mobility								-	-	-	A
A3.1.13. Hazard Declarations for Mobility Packages TR: AFMAN 24-204								-	-	-	A
A3.1.14. Hazardous Material Handling Procedures TR: AFJMAN 24-204, AFI 91-301, AFI 24-202, AFMAN 23-110								-	-	-	B
A3.1.15. Production Supervisor, Flight Chief and Expediter Duties and Responsibilities								-	-	-	B
A3.1.16. Special Certification Rosters								-	-	-	B
A3.1.17. Maintenance Incident Investigation and Prevention TR: AFI 91-204								-	-	-	B
A3.1.18. Aircraft Impoundment TR: AFI 91-204								-	-	-	A

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.1.19. Operational Risk Management (ORM) TR: AFPD 90-9, AFI 90-901, AFPAM 90-902								-	-	-	B
A3.1.20. Restricted Maintenance Areas								-	-	-	A
A3.1.21. Force Protection TR: AFDD 2-4.1								-	-	-	A
A3.1.22. Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC TR: AFI 33-211, AFI 10-1101, AFI 33-202								-	-	-	B
A3.1.23. Proper Handling of Classified Assets TR: AFI 31-101								-	-	-	A
A3.1.24. Aircraft Inspection Concepts TR: TO 00-20-5								-	-	-	B
A3.2. ENLISTED SPECIALTY TRAINING TR: AFI 36-2201 and MAJCOM Directives											
A3.2.1. Training Management and Records								-	-	-	B
A3.2.2. Automated Training Records								-	-	-	B
A3.2.3. Career Field Education and Training Plan (CFETP)								-	-	-	B
A3.2.4. Specialty Training Standard (STS)								-	-	-	B
A3.2.5. Occupational Survey Report (OSR)								-	-	-	B
A3.2.6. Utilization and Training Workshop (U&TW)								-	-	-	B
A3.2.7. Training Forecast / Request								-	-	-	A
A3.2.8. Training Waiver Process								-	-	-	B
A3.2.9. Field Evaluation Questionnaire (FEQ) and Graduate Assessment Survey								-	-	-	A
A3.3. ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS TR: AFI 21-109, TO 00-35D-54, TO 00-20 Series and applicable MAJCOM guidance											
A3.3.1. Historical Records								-	-	-	B
A3.3.2. Minimum Essential Configuration Management (MESL)								-	-	-	B
A3.3.3. Automated Maintenance Systems								-	-	-	A
A3.3.4. Reliability Availability, Maintainability, Logistics Engineering Support System for Electronic Attack Pods and Integrated Systems (RAMPOD), Core Automated Maintenance System for Airlift (GO 81)								-	-	-	A

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.3.5.	Core Automated Maintenance System (CAMS) TR: AFM 66-279 Vol. I-XXVII, T.O. 00-20-2								-	-	-	B
A3.3.6.	Job Data Documentation (JDD)								-	-	-	B
A3.3.7.	Air Force Technical Order (AFTO) Forms 781 and 244 / 245								-	-	-	B
A3.3.8.	Configuration Management								-	-	-	B
A3.3.9.	Aircraft / Equipment Modifications								-	-	-	B
A3.3.10.	Nuclear Surety TR: AFI 91-101								-	-	-	B
A3.3.11.	Dull Sword Reporting TR: AFI 91-204								-	-	-	B
A3.4.	SUPPLY MANAGEMENT TR: DOD 7200-10, AFM 67-1, AFMAN 23-220, AFMAN 23-110 and applicable MAJCOM guidance											
A3.4.1.	Maintenance Supply Concept TR: AFMAN 23-110								-	-	-	B
A3.4.2.	Supply Documents Management								-	-	-	B
A3.4.3.	Precious Metal Program TR: AFMAN 23-110								-	-	-	A
A3.4.4.	Bench Stock								-	-	-	A
A3.4.5.	Air Force Technical Order (AFTO) 375								-	-	-	A
A3.4.6.	Quick Reference List (QRL)								-	-	-	A
A3.4.7.	Standard Base Supply System (SBSS) TR: AFMAN 23-110								-	-	-	B
A3.4.8.	Integrated Logistic System-Supply (ILS-S) and Global Combat Support System (GCSS) TR: AFMAN 23-110								-	-	-	A
A3.4.9.	Priority Systems								-	-	-	B
A3.4.10.	Repair Cycle Assets								-	-	-	B
A3.4.11.	Report of Survey, Statement of Charges								-	-	-	B
A3.4.12.	Equipment Account Management								-	-	-	B
A3.4.13.	Custodian Authorization/Custody Receipt Listing (CA/CRL)								-	-	-	A
A3.4.14.	Precision Measurement Equipment Laboratory (PMEL)								-	-	-	A
A3.4.15.	Computer System Management TR: AFI 33-112								-	-	-	A

Attachment 3

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.4.16.	Special Purpose Recoverable Authorized Maintenance (SPRAM) TR: AFMAN 23-110								-	-	-	A
A3.4.17.	Air Force Management System (AFEMS)								-	-	-	A
A3.4.18.	Status of Resources and Training (SORTS)								-	-	-	A
A3.4.19.	Land Mobile Radios, Pagers, Cell Phones TR: AFI 33-106								-	-	-	A
A3.4.20.	Shelf Life Program TR: AFMAN 23-110								-	-	-	A
A3.4.21.	Hazardous Materials (HAZMAT) TR: Applicable AFOSH STD's, AFI's and MAJCOM guidance								-	-	-	B
A3.4.22.	Qualified Products Listing								-	-	-	B
A3.5.	LOGISTICS AND RESOURCE MANAGEMENT TR: AFPD 21-1											
A3.5.1.	Logistics Management								-	-	-	B
A3.5.2.	Agile Logistics								-	-	-	A
A3.5.3.	Two-Level Maintenance (2LM)								-	-	-	A
A3.5.4.	Execution and Prioritization of Repair System (EXPRESS)								-	-	-	A
A3.5.5.	Readiness Based Leveling (RBL) TR: AFMAN 23-110								-	-	-	A
A3.5.6.	Resource Management								-	-	-	B
A3.5.7.	Air Force Government-Wide Purchase Card Program and Air Force Form 9 TR: AFI 67-117								-	-	-	A
A3.5.8.	Air Force Enhancement Program (AFREP) TR: AFI 21-123								-	-	-	A
A3.5.9.	Financial Plan (FIN Plan)								-	-	-	A
A3.5.10.	Appropriation (APPN) 3400 and 3080 Budgeting								-	-	-	A
A3.5.11.	Budget Line 3010								-	-	-	A
A3.5.12.	Air Force Material Command (AFMC) Responsibilities								-	-	-	A
A3.5.13.	Developmental Test and Evaluation (DT&E); Operational Test and Evaluation (OT&E)								-	-	-	A
A3.5.14.	Defense Logistics Agency								-	-	-	A

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1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.5.15.	Special Experience Identifier (SEI)TR: AFMAN 36-2108								-	-	-	B
A3.5.16.	Unit Manpower Document (UMD) and Unit Management Personnel Roster (UMPR)								-	-	-	A
A3.5.17.	Manning Standards and Logistics Composite Model (LCOM) TR: AFI 38-201, AFMAN 38-208								-	-	-	A
A3.5.18.	Technical Order Management								-	-	-	B
A3.5.19.	Technical Order Distribution Office (TODO), Technical Order Distribution Account (TODA), Technical Order Distribution Control Activity (TODCA), Technical Order Review Board (TORB) TR: TO 00-5-1, TO 00-5-2								-	-	-	A
A3.5.20.	Air Force Technical Order Forms 22, 27, 110, 158								-	-	-	A
A3.5.21.	Automated Technical Order Management System (ATOMS) TR: TO 00-5-2								-	-	-	A
A3.5.22.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15								-	-	-	A
A3.5.23.	Centralized Technical Order Management Organization (CTOM) TR: TO 00-5-1								-	-	-	A
A3.5.24.	Joint Computer –aided Acquisition and Logistic Support (JCALS)								-	-	-	A
A3.5.25.	Electronic Technical Orders								-	-	-	A
A3.5.26.	Deficiency Reporting (Hardware and Software) Product Quality Deficiency Reporting System (PQDR), TR: TO 00-35D-54								-	-	-	B
A3.5.27.	Reporting of Deficiency (ROD)								-	-	-	B
A3.5.28.	Bad Actor Program TR: TO 00-20-1, TO 00-35D-54								-	-	-	A
A3.5.29.	Technical Improvement Product Working Group (TIPWG), System Training Plan (STP), Program Management Review (PMR)								-	-	-	A
A3.5.30.	Corrosion Prevention Advisory Board (CPAB) TR: AFI 21-105								-	-	-	A
A3.6.	COMPUTER APPLICATION											
A3.6.1.	Using Applications								-	-	-	B

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.6.2. Form Flow								-	-	-	B
A3.6.3. Air Force Electronic Publishing Library (AFEPL)								-	-	-	B
A3.6.4. World Wide Web (www), Internet								-	-	-	B
A3.6.5. Local Area Networks (LAN)								-	-	-	B

Attachment 3

Section B - Course Objective List

4. Measurement. Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is comprised of a condition, behavior, and standard that states what is expected of the student for each task. The condition is the setting in which the training takes place. The behavior is the action a student must demonstrate to accomplish a task (i.e. remove and install wheel and tire assembly). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter code(s) to identify how it is measured. All objectives use the **PC** code that indicates a progress check is used to measure subject or task knowledge. Progress checks are also used to measure student accomplishment of performance objectives. **W** indicates a comprehensive written test and is used to measure the subject and/or task knowledge at the end of a block of instruction. **PC/W** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

5. Standard. The standard is 70% on written examinations. Standards for performance measurement are indicated in the objective and delineated on the individual's progress checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

6. Proficiency Level. Most task performance is taught to the "2b" or "3c" proficiency level. The "2b" means the student **can do most parts of the task**, but does need assistance on the hardest parts of the task (**partially proficient**). The student can also determine step-by-step procedures for doing the task. The "3c" means the student **can do all parts of the task** but may need a spot check of completed work (**competent**). The student should be able to identify why and when the task must be done and why each step is needed.

7. Course Objectives. If you require detailed course descriptions and objectives, please provide a written request to the AETC Training Manager, 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX 76311-2264.

Section C - Support Material

8. The following list of support material is not all inclusive; however, it covers the most frequently referenced areas. Support material is any training package designed to enhance the learning process at any level of training. Refer to the Air Force Education and Training Course Announcements (ETCA) for information on AETC formal courses. ETCA can be accessed at https://etca.randolph.af.mil/.

8.1. Interactive Courseware (ICW) courses are available from, or under development by, 367 TRS/TRSS at Hill AFB, Utah. Their course catalog is available on the Internet at http://www.hill.af.mil/367TRSS/findex.htm. Ordering information can be found in the General Information area of the catalog. Course descriptions can be found under General Courses in the "Available Courseware" section. Questions should be referred to the customer service number, DSN 777-0160.

Section D - Training Course Index

9. Purpose. This index lists Air Force resident, Air Force Institute for Distributed Learning (AFIDAL), and exportable courses used to support training for this specialty. Refer to ETCA for information on AETC formal courses listed below.

9.1. **Air Force In-Resident Courses:**

COURSE NUMBER	COURSE TITLE	OPR
J3ABP2A732 000	Nondestructive Inspection Apprentice	361 TRS/Det 2
J3ACP2A772 000	Nondestructive Inspection Craftsman	361 TRS/Det 2
J3AZP2A752 000	Defense Joint Oil Analysis Program (JOAP) Training Course (Atomic Emission Spectrometer)	361 TRS/Det 2
J3AZP2A752 003	Defense JOAP (Physical Properties Testing)	361 TRS/Det 2
J3AZP2A752 004	Defense JOAP (Ferrography Testing)	361 TRS/Det 2
J3AZP2A752 008	Ultrasonic Inspection and Impedance Plane Analysis	361 TRS/Det 2

9.2. **Air Force Institute for Advanced Distributed Learning (AFIDAL) Courses:**

COURSE NUMBER	COURSE TITLE	OPR
CDC 2A752	Nondestructive Inspection Journeyman	361 TRS/Det 2
CDC 2AX7X	Aerospace Maintenance Craftsman	HQ USAF/ILMM

9.3. **Exportable Courses.**

COURSE NUMBER	COURSE TITLE	OPR	MEDIA
J6ANU00066-038	AF Technical Order System (General)	362 TRS	CBT
J6ANU00066-039	AF Technical Order System (Advanced)	362 TRS	CBT
J6ANU00066-041	CAMS for Metals Technicians	362 TRS	CBT

Section E - MAJCOM Unique Requirements.
10. For MAJCOM unique requirements, refer to Combat Air Force mandatory course list (CAF MCL) on the web at https://lg.acc.af.mil/lgq/lgqt/NEWLGQTHOME.htm.