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CFETP 2A3X2
Parts I and II
15 October 2003

AFSC 2A3X2

F-16/F-117/CV-22/MQ/RQ-1 AVIONIC SYSTEMS

CAREER FIELD EDUCATION AND TRAINING PLAN

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F-16/F-117/CV-22/MQ/RQ-1 AVIONIC SYSTEMS
AFSC 2A3X2

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CAREER FIELD EDUCATION AND TRAINING PLAN
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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 the 2A3X2, F-16/F-117/CV-22/MQ/RQ-1 Avionic Systems, 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://www.il.hq.af.mil/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. Each part is used by supervisors to plan, manage, and control training within the career field.
2.1. Part I provides information necessary for overall management of the specialty:
2.1.1. Section A, General Information, explains how everyone will use the plan.
2.1.2. Section B, Career Field Progression and Information, identifies career field progression information, duties and responsibilities, training strategies, and career field path.
2.1.3. Section C, Skill Level Training Requirements, associates each level with specialty qualifications (knowledge, education, training, and other).
2.1.4. Section D, Resource Constraints, indicates resource constraints. Some examples are funds, manpower, equipment, and facilities.
2.1.5. Section E, Transitional Training Guide, identifies transition training guide requirements for SSgt through MSgt.
2.2. Part II includes the following:
2.2.1. Section A, Specialty Training Standard (STS), includes duties, tasks, and technical references to support training, Air Education and Training Command (AETC) conducted training, wartime course requirements/core task, and correspondence course requirements.
2.2.2. Section B, Course Objective, contains training standards that supervisors will use to determine if airmen satisfied training requirements.
2.2.3. Section C, Support Material, identifies available support materials. An example is a Qualification Training Package (QTP) which may be developed to support proficiency training. These packages are indexed in AFIND8, *Numerical Index of Specialized Educational Training Publications*.
2.2.4. Section D, Training Course Index, identifies an index that supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses.
2.2.5. Section E, MAJCOM-Unique Requirements, identifies MAJCOM-unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

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 enables us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use **Part II** to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT): 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. The AFJQS is used by the supervisors 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.

Certification: A formal indication of an individual's ability to perform a task to required standards.

Certification Official: A person the commander assigns to determine an individual's ability to perform a task to required standards.

Continuation Training: Additional training exceeding minimum upgrade requirements with emphasis on present or future duty assignments.

Core Task: Tasks that Air Force field functional managers identify as minimum qualification requirements within an Air Force Specialty. 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.

Course Objective List (COL): A publication identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-, 5-, 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.*

Critical Tasks: Tasks that have been identified by the supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as "critical" to the individual's position by the supervisor or work center.

Training Feedback Hotline (TFM): The TFM is a 24-hour telephone line for supervisors to call when they have any questions about the training received at any technical training school.

Questions are replied to within 5 working days. This allows HQ AETC to respond quickly to the concerns of the field supervisors. The specific phone numbers to call are printed on the coverage of the applicable training standard.

Distance Learning. Includes video tele-seminar (VTS), video tele-training (VTT), and computer-based training (CBT). Formal courses that a training wing or a contractor develops for export to a field location (in place of resident training) for trainees to complete without the on-site support of the formal school instructor. For instance, courses are offered by Air Force Institute of Technology, Air University, and Training Detachment.

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.

En Route (PCS-Associated) Training. The training of students undergoing a permanent change of station (PCS) while in temporary duty (TDY) status.

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).

Go/No Go. The stage at which an individual has gained enough skill, knowledge, and experience to perform the tasks without supervision. Meeting the task standard.

Initial Skills Training: A formal school course that results in 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.

Master Task Listing (MTL): Document maintained within the work center that identifies all tasks performed in a work center. This includes core, critical, position qualification, and wartime tasks. This document can be automated.

Master Training Plan: A comprehensive training plan for a work center. It can include the MTLs, QTPs, AFJQS, CFETP, task breakdown, commercial publications and any other document that supports training**.**

Mobile Training Team (MTT): Instructors, trainers, training aids, and operational equipment that formal schools send to bases or operating locations.

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, which preclude desired training from being accomplished.

Specialized Training Package and COMSEC Qualification Training Package: A composite of lesson plans, test material, instructions, policy, doctrine, and procedures necessary to conduct training. These packages are prepared by Air Education and Training Command (AETC), approved by National Security Agency (NSA), and administered by qualified communications security (COMSEC) maintenance personnel.

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 Air Force Specialty Code are taught in formal schools, Career Development Courses, and exportable courses.

Supplemental Training: Training for a portion of an AFS without a change in AFSC. Formal training on new equipment, methods, and technology that are not suited for on-the-job training.

Support Equipment (SE): Equipment used to maintain and troubleshoot avionic systems.

Training Detachment (TD): An AETC detachment that provides maintenance-oriented technical training, at an operational location, on specific systems and their aerospace ground equipment. A TD aims to qualify personnel on new equipment or in new techniques and procedures, maintain proficiency and to increase skill and knowledge, acquaint personnel with specific systems, and keep personnel aware of changing concepts and requirements.

Training Impact Decision System (TIDES): A computer-based decision support technology designed to assist Air Force career field managers in making critical judgments relevant to what training should be provided personnel within career fields, when training should be provided (at what career points), and where training should be conducted (training setting).

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 of MAJCOM functional managers (MFM), Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

SECTION A - GENERAL INFORMATION

1. Purpose: This CFETP provides information necessary for the 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 2A3X2 should receive to develop and progress throughout their career. This CFETP identifies initial skills, 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 Sheppard AFB TX. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, and 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:

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 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. Uses: 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/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. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. 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 approving authority. The using MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for AFSC 2A3X2 will initiate an annual review of this document by AETC and MAJCOM AFSC functional managers to ensure currency and accuracy. Using the list of courses in Part II will eliminate duplicate training.

SECTION B - CAREER FIELD PROGRESSION AND INFORMATION

4. Specialty Descriptions:

4.1. Specialty Summary (Apprentice-Craftsman): Isolates malfunctions, repairs, and inspects F-16/F-117/CV-22/MQ/RQ-1 integrated avionic systems at the organizational level. Inspects,
services, and performs general aircraft handling procedures. Related DoD Occupational Subgroup : 198.

4.1.1. Duties and Responsibilities:

4.1.1.1. Apprentice and Journeyman: Maintains F-16/F-117/CV-22/MQ/RQ-1 on-equipment avionic systems. Inspects, services, and performs general aircraft handling procedures. Operates avionic systems by using proper controls and displays to determine operational condition. Identifies avionic systems malfunctions. Interprets equipment operation characteristics to isolate malfunctions in systems such as attack control, instrument, flight control, communication, navigation, identification, and penetration aids. Traces data flow and wiring diagrams. Uses built-in test functions, electronic measuring equipment, Aerospace Ground Equipment (AGE), and Support Equipment (SE). Removes and installs line replaceable units (LRUs) and aligns systems. Boresights systems. Removes, installs, and performs operational checks of externally mounted avionic and electronic countermeasures equipment. Performs modifications. Maintains and posts entries on inspection and maintenance records. Records meter readings and other pertinent data on equipment maintenance data collection forms. Enters data into automated systems. Uses Core Automated Maintenance System (CAMS). Recommends methods to improve equipment performance and maintenance procedures. Adheres to published guidelines and training requirements. Handles, labels, and disposes of hazardous materials and waste according to environmental standards.

4.1.1.2. Craftsman: Inspects, analyzes, troubleshoots, and maintains aircraft avionic systems, associated components, subsystems, and test equipment. Advises on problems operating and maintaining aircraft avionic systems, associated electronic components, subsystems, and test equipment. Solves maintenance problems using wiring diagrams, schematic diagrams, and technical publications, and by analyzing operating characteristics. Determines proper maintenance procedures to repair and return systems and components to maximum efficiency. Diagnoses malfunctions and recommends corrective actions. Checks installed and repaired components to ensure compliance with technical publications and directives. Evaluates requirements and prepares quality deficiency reports. Supervises and evaluates job performance and maintenance techniques used to interpret, operate, troubleshoot, remove, repair, service, overhaul, and install aircraft avionic systems and components. Provides training and task certification for skill level advancement. Ensures compliance with published safety guidelines. Ensures hazardous materials and waste are handled, stored, and disposed of according to environmental standards.

4.2. Specialty Summary (Superintendent): Manages maintenance activities engaged in planning, inspecting, repairing, and servicing tactical aircraft and support equipment (SE). Related DoD Occupational Subgroup: 600

4.2.1. Duties and Responsibilities:

4.2.1.1. Plans and organizes tactical aircraft maintenance activities. Plans, organizes, and manages maintenance activities for repair of aircraft and associated SE. Responsible for maintenance planning and inspecting. Coordinates with supply, operations, and other support activities to improve procedures and resolve problems.

4.2.1.2. Directs tactical aircraft maintenance activities. Evaluates and directs processes used in inspecting, maintaining, and servicing aircraft, components, and support equipment. Prioritizes maintenance and repair functions. Supervises preparation of maintenance forms for aircraft repair, inspection, and parts replacement. Directs aircraft battle damage repair and crash recovery operations.
4.2.1.3. Inspects and evaluates aircraft maintenance activities. Inspects maintenance performed on tactical aircraft, systems, and components. Evaluates maintenance units to determine operational status and to provide assistance in solving maintenance, supply, and personnel problems. Interprets and discusses inspection findings, and recommends action to correct deficiencies.
4.2.1.4. Performs aircraft maintenance management functions. Resolves problems and interprets technical publications for inspecting, maintaining, and modifying aircraft and SE. Ensures submission of deficiency reports. Ensures funds and resources are projected to support maintenance effort, and are managed to optimize mission accomplishment. Ensures unit meets mobility requirements.

5. Skill and 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 does their part to plan, develop, 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.
5.1. Apprentice (3-level): Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills. They will utilize the Career Development Courses, Task Qualification Training, and available exportable courses for continued advancement. Once task certified, a trainee may perform the task unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.
5.2. Journeyman (5-level): Once upgraded to the 5-level, a journeyman will enter into continuation training to broaden their experience base. Journeymen may be assigned job positions such as quality assurance and various staff positions. Journeymen should complete available FTD courses and MAJCOM specific training. Individuals will attend the Airman Leadership School (ALS) after having 48 months in the Air Force. Journeymen will be considered for appointment as unit trainers after completion of a formal trainer course. Individuals will use their CDCs to prepare for promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree. Time lines and requirements may vary for ANG and AFRC.
5.3. Craftsman (7-level): A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, flight/section chief, and task certifier. They can also be assigned to work in staff positions. Craftsmen should take courses to obtain added knowledge on 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/CEM): A 9-level can be expected to fill positions such as flight NCOIC, 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 complete the Senior Non-

commissioned Officer Academy. Additional higher education and completion of courses outside their career AFSC are 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 F-16/F-117/CV-22/MQ/RQ-1 Avionic Systems career field. This 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 by MAJCOM Functional Managers and Subject Matter Experts at the career field Utilization and Training Workshop (U&TW) held at Sheppard AFB TX, 20-25 October 2002.

6.1. Initial Skills:

6.1.1. Additional training requirements were added to current course while others were deleted as offsets. Core tasks and training requirements were deleted on low utilization tasks. The group decided to remove third party certification from 7-level core tasks; 5-level core tasks will still require a third party certification. Also, the technical school is only required to provide the CFETP pages that require certification for the current course. No MRA certification will be required in the revised course. The course length will remain at 95 days.

6.2. Five-Level Upgrade Training: In the 5-level CDCs, under UHF, more information is needed on FMTs to fill gaps. Under communications, more theory on filter assemblies and communication matrix's on how it process information. Delete information on speaker/microphones/audio amp information. Under boresight, be more descriptive on why it is important and why it is required. Under LANTIRN targeting pod, add additional pods such as LITENING II and SNIPER pods. HTS information will be rewritten, deleting information on the HARM missile and expanding pod information. GPS category will be looked at to include the field of merit information. HUD systems will be generic and explain other HUD systems. MFDs and IAVTRs will discuss color without going into theory. Additional information will be added to the 5-level without additional volumes from the 7-level CDCs. The group elected to utilize only 5-level CDCs for those testing for SSgt.

6.3. Seven-Level Upgrade Training: Many items were deleted as being repetitious from the 5-level CDCs. The writers will look at the material and will expand on the information provided in the 5-level CDCs. If nothing is added, the information will be deleted. It was decided to leave some systems in the CDCs as it can be expanded and benefit the technicians in the field. EFCC/EEFCC area will be revisited to include information on why the upgrades, i.e., memory expansion. Manchester information and specific pin numbers will go away from the 7-level CDCs.

6.4. Continuation Training: The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty positions. MAJCOMs develop a continuation training program that ensures individuals in the avionics career field receive necessary training at the appropriate point in their career. The training program will identify both mandatory and optional training requirements.

6.4.1. Once 3-levels complete all mandatory CDC and task qualification upgrade requirements, supervisors may begin task training on other systems. This should include qualification on tasks for the remaining systems as identified by the applicable MAJCOM/UNIT.

6.4.2. Individuals must begin avionics continuation training after award of the 5-level. At this point, they should also attend advanced courses as available.

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

7.1. Occupational Instructor Certification: Upon completion of instructor qualification training, consisting of the Basic Instructor Course (BIC) and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander/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's degree, the 5-level must be awarded and the following requirements must be met:

	Semester Hours
Technical Education	30
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective Technical Education; Leadership, Management, and Military Studies; or General Education	15
Total	70

7.3.1. Technical Education: (30 Semester Hours): A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective courses.

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): Courses must meet the definition of 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/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. AETC Instructor Requirements: Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command instructor should be actively pursuing an associate's degree. It is necessary for instructors to have at least an associate's degree so the Technical School can maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Path

◆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. - 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. - Have attended the formal trainer's course and appointed in writing by Commander.	**Certifier** - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal certifier course and appointed in writing by Commander. - Be a person other than the trainer.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - 12 months OJT. - Complete appropriate CDC if/when available. - Advanced Technical School.	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. - A percentage of top nonselect (for promotion to E-8) MSgts attend the SNCOA each year. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	28 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt. - Must be a resident graduate of SNCOA (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

8.2. Education and Training Manager Checklist:

Table A8.2. 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 training (9 months for retrainees) for award of the 5-skill level? - Has the apprentice met mandatory requirements listed in specialty description, AFMAN 36-2108 (Airman Classification), and 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 (if available)? **First, they must complete:** -- All 7-skill level training requirements listed in the CFETP. -- All applicable mandatory CDCs and/or exportable courses. -- A minimum of 12 months UGT (6 months for retrainees). - Has the journeyman completed a minimum 18 months OJT (12 months for retrainees) for award of the 7-skill level?		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade _____(Trainee Name)

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

_____ _____

Training Manager Supervisor

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

9. Purpose: Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS in Part II, Sections A and B of this CFETP.

10. Specialty Qualification: 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. The specific task and knowledge training requirements are identified in the STS in Part II, Section A of the CFETP. 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: To perform duties at the apprentice level, an individual must be able to understand basic system theory of operation and be able to perform certain organizational maintenance tasks under close supervision until task certification is complete.

10.1.1.1. Knowledge: An apprentice must be able to use technical data, common hand tools, and special test equipment. Apprentices must be qualified to remove and install system LRUs, perform operational checks, isolate malfunctions in avionic systems to the fault identification level, use support equipment, trace simple signal/data flow of system schematic diagrams, and document maintenance actions in the automated data system.

10.1.1.2. Education: For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science and physics is desirable.

10.1.1.3. Training: Training to the three-skill level will require completion of the initial skills courses which include Electronic Principles conducted at Keesler AFB, MS and AFSC specific training conducted at Sheppard AFB, TX.

10.1.1.4. Experience: There is no experience necessary for entry into AFSC 2A3X2.

10.1.1.5. Other:

10.1.1.5.1. For entry into this specialty, normal color vision as defined in AFI 48-123 is mandatory.

10.1.1.5.2. For award and retention of AFSC 2A332, eligibility for a Secret security clearance is required according to AFI 31-501.

10.1.2. Training Sources: The initial skills courses will provide the required knowledge and qualification training. Training encompasses basic electronic principles, system theory and operation, system components, and component removal and installation. Additionally, introduction to maintenance concepts, general flightline maintenance practices, use of technical publications, maintenance documentation, and support equipment are provided.

10.1.3. Implementation: Upon graduation from Basic Military Training, airmen are assigned to Keesler AFB, MS for completion of Course E3AQR2A332 332, Electronic Principles. Airmen will then go to Sheppard AFB, TX to attend course J3ABR2A332 002, F-16 Avionic Systems Apprentice Course. Upon graduation from this course, airmen should attend appropriate airframe specific FTD courses.

10.2. Journeyman Level Training:
10.2.1. Specialty Qualification: In addition to the 3-level qualifications, a 5-level must possess the knowledge and skills necessary to maintain avionic systems.
10.2.1.1. Knowledge: A 5-level must be qualified on inspecting aircraft avionic systems, removal and installation of LRUs, correcting malfunctions, performing operational checks and Built-in Tests, and the use and care of support equipment. They must be able to handle, label, and dispose of hazardous materials and waste according to environmental standards.
10.2.1.2. Education: There are no additional education requirements beyond those defined for the apprentice level.
10.2.1.3. Training: Requirements for the Journeyman level require completion of the 5-level CDC and completion of the core tasks specified in the STS. 2A352D CDC will be available November 03, 2A352E CDC will be available Jun 04, and 2A352F will be available October 04.
10.2.1.4. Experience: Qualification in and possession of AFSC 2A332. Also, experience in functions such as isolating malfunctions, installing LRUs, and using AGE necessary to maintain avionic systems.
10.2.1.5. Other:
10.2.1.5.1. Normal color vision as defined in AFI 48-123 is mandatory.
10.2.1.5.2. For award and retention of AFSC 2A352, eligibility for a Secret security clearance is required according to AFI 31-501.
10.2.2. Training Sources: The 5-level CDCs provide the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDCs are written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.
10.2.3. Implementation: Training to the 5-level is performed by the units, utilizing the STS and CDCs. Upgrade to the 5-level requires completion of the basic 2A352 and appropriate CDCs and all core tasks. Emphasis must be placed on avionic system core tasks and continuation training in all avionic systems prior to any Cross Utilization Training (CUT) in other aircraft related tasks.
10.3. Craftsman Level Training:
10.3.1. Specialty Qualification: In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge in theory, concepts, principles and application of avionics systems.
10.3.1.1. Knowledge: Mandatory knowledge includes electronic, microelectronic, gyro, synchro, mechanical, and indicator principles, theory, and application. Other knowledge includes, factors involved in transmitting and receiving within the radio frequency and radar frequency ranges; digital computer logic; using and interpreting test and measurement devices; principles of aerodynamics and motion, and power transmission by mechanical and electronic means; electronic combat principles; and concepts and application of maintenance directives. The 7-level must be able to supervise and train personnel to maintain avionic systems. They must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques. Historical documentation analysis is also required for all 7-levels.
10.3.1.2. Education: There are no additional education requirements beyond those defined for the apprentice level.

10.3.1.3. Training: Completion of mandatory CDCs and the resident 7-level course, J3ACR2A372-003, at Sheppard AFB, TX is mandatory for upgrade to AFSC 2A372. 2A372 CDC will be available July 04.
10.3.1.4. Experience: Completion of all required 7-level core tasks as identified in the STS, and qualification in and possession of AFSC 2A352. Also, experience performing or supervising functions such as installing, maintaining, or repairing aircraft avionic systems.
10.3.1.5. Other:
10.3.1.5.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*, is mandatory.
10.3.1.5.2. For award and retention of AFSC 2A372, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*..
10.3.2. Training Sources: Seven-level upgrade training will be conducted by certified trainers using AF core tasks, unit/MAJCOM specific courses, 7-level CDCs, and the formal 7-level resident course, J3ACR2A372-003. The 7-level CDC and resident course are written to provide advanced management and supervisory knowledge, and troubleshooting skills.
10.3.3. Implementation: Upgrade to the 7-level will require completion of all AF core tasks, all 5-level CDCs, 12 months OJT as a SSgt selectee, and completion of the 7-level Craftsman Course. Completion of AF core tasks, 7-level CDCs, and 12 months OJT as a SSgt selectee (6 months for a retrainee) will be completed before attending the resident course.
10.4. Superintendent Level Training:
10.4.1. Specialty Qualification: In addition to 7-level qualifications, individuals must possess advanced skills and knowledge of concepts and principles in the management of aircraft systems and maintenance.
10.4.1.1. Knowledge: Mandatory knowledge in electrical and mechanical principles applying to aircraft and SE; concepts and application of maintenance directives; maintenance data reporting; interpreting and use of maintenance data reports and technical orders; Air Force supply procedures; resource management; and proper handling, use, and disposal of hazardous waste and materials.
10.4.1.2. Education: There are no additional requirements beyond those defined for the apprentice level.
10.4.1.3. Training: For award of AFSC 2A390, completion of Senior NCO Academy in residence, and promotion to SMSGT is mandatory.
10.4.1.4. Experience: For award of AFSC 2A390, qualification in and possession of AFSC 2A371, 2A372, or 2A373X is mandatory. Also experience is mandatory managing or directing repair functions such as inspecting and maintaining aircraft and support equipment.
10.4.1.5. Other: There are no other Specialty Qualification requirements defined in AFMAN 36-2108.
10.4.2. Training Sources: The senior NCO Academy and unit OJT will be used for training.
10.4.3. Implementation: The 9-level will be awarded after completing MAJCOM requirements, unit OJT and promoted to SMSgt. Individuals must attend the Senior NCO Academy after they are selected for promotion to SMSgt. Guard and Reserve personnel can use correspondence course.

SECTION D - RESOURCE CONSTRAINTS

11. Purpose: This section of the CFETP identifies known resource constraints which preclude optimum/desired training from being developed or conducted, including information such as cost and manpower. Included is a narrative explanation of each resource constraint, an impact statement describing the effect on training, the resources needed, and actions required to satisfy the training requirements.

12. Apprentice-Level Training Constraints:
12.1. Constraint: Technical school, aircraft and trainer configurations do not support most of the identified STS apprentice level course objectives.
12.1.1. Resources Required: One block 30 or higher F-16 aircraft.
12.1.2. Action Required: Procure necessary aircraft to support course training objectives. Aircraft package 16-402, dated 27 Jul 97, is still pending. (OPR: 365 TRS)

13. Five-Level Training: There are no constraints.

14. Seven-Level Training: There are no constraints.

SECTION E - TRANSITIONAL TRAINING GUIDE

15. Three Skill Level Upgrade Training: The basic 2A3X2 initial skills course will remain at 95 days. The revised course will be on-line NLT November 2003 so students can be graduated by April 2004.

16. Five Skill Level Upgrade Training: The 5-level, F-16 Avionic Systems Apprentice Journeyman CDCs (2A352D, E, and F) are required for upgrade. All CDCs will be used for SKT testing. 2A352D will be available November 03, 2A352E will be available June 04, and 2A352F will be available October 04.

17. Journeyman/Craftsman (5/7-Skill Level): Individuals are required to complete 2A372 CDCs and 2AX7X CDCs. 2A372 CDC will be available July 04.

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 classes beginning November 03 and graduating April 04.

2. Purpose: As prescribed in AFI 36-2201, this STS:
2.1. Lists in 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. All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level course is not taught in wartime.
2.2. Identifies in column 2 (Core Tasks), by asterisk (*), specialty-wide training requirements. MAJCOM Functional Managers, commanders, and supervisors may designate additional core tasks as necessary. When designated, certify these core tasks using normal core task certification procedures. Certification on all shop/flightline core tasks applicable to at least one Mission Design Series (MDS) aircraft assigned must be completed for skill level upgrade. When a base has more than one block of F-16s assigned, trainee must complete the core task training on the block or blocks assigned to their . Trainees are not required to complete core task training for the blocks of F-16 aircraft in other s at their same base.
2.3. Provides in Column 3 for certification for OJT and is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification/completed date.
2.4. Shows in Column 4 the formal training and correspondence course requirements and shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course. When two codes are used in columns 4A and 4C(1) (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listing.
2.5. Part II 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 chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. WAPS is not applicable to the Air National Guard or Air Force Reserve.
2.6. 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.
2.7. 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. When used as a JQS, the following requirements apply:

2.7.1. Documentation: Document and certify completion of training. Automated records, utilizing Core Automated Management System (CAMS) or Integrated Maintenance Data System (IMDS)/Global Combat Support System (GCSS), reflecting this STS may be used and are highly encouraged. Use of attachments one, two, four, and five is mandatory in individual training records; use of attachments three, six, seven, and eight is optional depending upon duty position. Attachment AA is not used in training records. Identify duty position requirements by circling the subparagraph number next to the task statement. As a minimum, complete the following columns in Part 2 of the CFETP: date training completed, trainee initials, and certifier initials (if applicable). There are no approved AFJQS for this AFSC.

2.7.1.1. 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.

2.7.1.1.1. For core/critical tasks previously certified and required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date and enter trainee's and certifier's initials. Remember, during the transcription process, no training is taking place. Therefore, the trainer's initials are not required.

2.7.1.1.2. For non-core and non-critical tasks previously certified and required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date, and enter trainee's and trainer's initials.

2.7.1.1.3. When transcribing previous certification for tasks not required in the current duty position, carry forward only the previous completion date of certification (not the initials of the another person). If and when transcribed tasks become duty position requirements, recertify using standard certification procedures.

2.7.1.1.4. The person whose initials appear in the trainer or certifier's block must meet the requirements of their respective roles.

2.7.1.1.5 Upon completion of the transcription process, give the old CFETP to the member.

2.7.1.2. Documenting Career Knowledge: When a CDC is not available, the supervisor identifies STS training references that the trainee requires for career knowledge and ensures, as a minimum, that trainees cover the mandatory items in AFI 36-2108. For two-time CDC course exam failures: Supervisors identify all STS items corresponding to the areas covered by the CDC. The trainee completes a study of STS references, undergoes evaluation by the task certifier, and receives certification on the STS. ***Supervisors must document successful completion of career knowledge prior to submission of a CDC waiver.***

2.7.1.3. Decertification and Recertification: When an airman is found to be unqualified on a task previously certified for his or her position, the supervisor lines through the previous certification or deletes previous certification when using automated system. Appropriate remarks are entered on the AF Form 623A, **On-The-Job Training Record Continuation Sheet**, as to the reason for decertification. The individual is recertified (if required), either by erasing the old entries and writing in the new or by using correction fluid/tape (if the entries are in ink) over the previously certified entry.

2.7.2. AF Form 797. When additional items not listed in the CFETP Part II are necessary in the current duty assignment, enter them on the AF Form 797. Fill out the form IAW AFI 36-2201.

2.7.3 Disposition of Training Records. Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals

outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. For example, an individual working in a tool crib must maintain documented career field qualifications in case they return to duty on the flightline or in the shop. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

2.7.4. Specialty Training Standard. 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 chapter 14 of AFI 36-2606, *USAF Air Force Reenlistment, Retention, and NCO Status Programs*. 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 365 TRS/TRR, 609 9th Ave, Sheppard AFB TX, 76311-2335, DSN 736-7899 or e-mail Betty.Rivera@Sheppard.af.mil. Reference specific STS paragraphs. For a quick response to problems, call our customer service information line, DSN 736-2574.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

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

9 Attachments:
1. Proficiency Code Key (Mandatory to file in training records)
2. Training Requirements, Commons (Mandatory)
3. Training Requirements, F-16 A/B Aircraft (Optional)
4. Training Requirements, F-16 C/D Aircraft (Mandatory)
5. Training Requirements, External PODs (Mandatory)
6. Training Requirements, F-117 Aircraft (Optional)
7. Training Requirements, MQ/RQ-1 (Optional)
8. Training Requirements, Electronic Principles (Optional)

AA. Training Requirements, 2AX7X (For Information Only--Not for OJT Documentation)

PROFICIENCY CODE KEY

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 only help 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 **along with proficiency codes** to show that training is required but not given due to limitations in resources (3c/b, 2b/b, **2b/-**, etc.).

Note: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level course is not taught in wartime.

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.											
NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column.											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.											
A2.1 **CAREER LADDER STRUCTURE** **TR: AFMAN 36-2108; AFVA 39-1**								-	A	-	-
A2.2 **SECURITY**											
A2.2.1 Communications Security (COMSEC) TR: DOD 5200.1-R; AFI 21-109, AFI 31-401; AFP 100-46; AF Security Classification Guide											
A2.2.1.1 Levels of classification								-	-	-	-
A2.2.1.2 Use MAJCOM/SOA CIs involved in communications								-	-	-	-
A2.2.1.3 Observe security precautions involved in communications								-	-	-	-
A2.2.2 Operations Security (OPSEC) TR: AFIs 10-1101, 31-101, 31-401, 33-201											
A2.2.2.1 Definition of OPSEC								-	-	-	-
A2.2.2.2 History of OPSEC								-	-	-	-
A2.2.2.3 Relationship of OPSEC to other programs such as COMSEC, Information Security, and physical security								-	-	-	-
A2.2.2.4 Common OPSEC vulnerabilities								-	-	-	-
A2.2.2.5 OPSEC significance of unclassified data								-	-	-	-
A2.2.2.6 Specific vulnerabilities of AFSC 2A3X2								A	-	-	-
A2.2.2.7 Physical security of resources								A	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.3 **AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFIs 21-101, 91-202, 91-301, 91-302; AFOSH Stds 48-8, 48-9, 48-19, 48-139, 91-38, 91-100, 91-501, 161-21**											
A2.3.1 Hazards and AFOSH standards of AFSC 2A3XX								A	B	-	-
A2.3.2 Work area cleanliness and safety								A	-	-	-
A2.3.3 Hazards of RF energy								A	B	-	-
A2.3.4 Report suspected RF overexposure								A	-	-	-
A2.3.5 Safety practices when working with or in the vicinity of											
A2.3.5.1 Compressed gases								A	A	-	-
A2.3.5.2 RF sources								A	A	-	-
A2.3.5.3 Electrical power								A	A	-	-
A2.3.5.4 Hydraulic power								A	A	-	-
A2.3.5.5 Hazardous liquids								-	A	-	-
A2.3.5.6 Portable fire extinguishers								A	-	-	-
A2.3.5.7 High intensity sound								A	A	-	-
A2.3.5.8 Propellers								A	A	-	-
A2.3.6 Discuss FOD prevention TR: AFI 21-101								A	A	-	-
A2.3.7 Laser safety								A	A	-	-
A2.3.8 Hydrazine hazards TR: AFOSH Std 161-13								A	A	-	-
A2.4 **HAZARDOUS COMM, MATERIAL, and WASTE TR: AFOSH Std 161-21**											
A2.4.1 Initial Federal Hazard Communication Training Program (FHCTP)								B	-	-	-
A2.4.2 Identification								B	-	-	-
A2.4.3 Handling								B	-	-	-
A2.4.4 Storage/Labeling								B	-	-	-
A2.4.5 Disposal								B	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.5 **TECHNICAL PUBS** **TR: TOs 00-5-1, 00-5-2, 00-5-18, applicable F-16, F-117, and MQ/RQ-1 TOs**											
A2.5.1 Function and application								A	B	-	-
A2.5.2 Use wiring diagrams								2b	-	c	-
A2.5.3 Use technical orders to perform											
A2.5.3.1 Maintenance	*							2b	-	-	-
A2.5.3.2 Inspections		*						-	-	-	-
A2.5.3.3 Time Compliance TO								-	-	c	-
A2.5.4 Report TO deficiencies								-	B	c	-
A2.5.5 TO Indexes								-	A	-	-
A2.6 **SUPPLY DISCIPLINE** **TR: DoD 7200-10, AFM 67-1 (Vol I, Part One, Chap 1; Vol II, Part One); AFI 23-110 and applicable command directives**											
A2.6.1 Maintenance Supply Concept								-	-	-	-
A2.6.2 Supply Documents Management								-	-	-	-
A2.6.3 Equipment Account Management								-	-	-	-
A2.6.4 Status of Reports and Training (SORTS)								-	-	-	-
A2.6.5 Priority System								-	-	-	-
A2.6.6 Repair Cycle Assets								-	-	-	-
A2.6.7 Standard Base Supply System (SBSS)								-	-	-	-
A2.6.8 Classified Assets Handling								-	-	-	-
A2.6.9 Land Mobile Radios, Pagers, and Cell Phones								-	-	-	-
A2.6.10 Property responsibility								-	B	-	-
A2.6.11 Supply principles								A	B	-	-
A2.6.12 Use condition tags								-	A	-	-
A2.6.13 Use issue/turn-in forms											
A2.6.13.1 AFTO Form 350								2b	A	-	-
A2.6.13.2 AF Form 2005								-	-	-	-
A2.6.13.3 Other forms								-	-	-	-
A2.6.14 Use Fed Log								-	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.6.15 Depot Level Repairables								-	-	-	B
A2.6.16 Use supply products											
A2.6.16.1 D04								-	-	-	-
A2.6.16.2 D18								-	-	-	-
A2.6.16.3 M30								-	-	-	-
A2.6.16.4 Other								-	-	-	-
A2.7 **SUPERVISION** **TR: AFMAN 36-2108, AFIs 36-2101, 36- 2403, 36-2503, 36-2803, 36-2805, 36-2907, 36-2618, 36-3017, 38-101, 38-201, AFM 50-62 and applicable command directives**											
A2.7.1 Orient new personnel								-	-	-	-
A2.7.2 Report of survey TR: DoD 7200.10M								-	-	-	-
A2.7.3 Coordinate work with others								-	-	-	-
A2.7.4 Plan and Schedule											
A2.7.4.1 Work assignments								-	-	C	-
A2.7.5 Assign											
A2.7.5.1 Maintenance and repair work								-	-	-	-
A2.7.5.2 Personnel to positions								-	-	-	-
A2.7.6 Supervise personnel accomplishing maintenance								-	-	-	-
A2.7.7 Analyze maintenance and inspection reports and charts								-	-	-	-
A2.7.8 Establish Performance standards								-	-	-	-
A2.7.9 Evaluate work performance of subordinate personnel								-	-	-	-
A2.7.10 Counsel personnel and resolve individual Problems								-	-	-	-
A2.7.11 Perform self-assessments								-	-	-	-
A2.8 **TRAINING** **TR: AFI 36-2201**											
A2.8.1 Career Field Education and Training Plan (CFETP)								-	-	B	-
A2.8.2 Specialty Training Standard (STS)								-	-	B	-
A2.8.3 Occupational Survey Report (OSR)								-	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.8.4 Utilization and Training Workshop (U&TW)								-	-	B	-
A2.8.5 Evaluate personnel to determine need for training								-	-	B	-
A2.8.6 Recommend personnel for training								-	-	B	-
A2.8.7 Schedule training								-	-	B	-
A2.8.8 Plan and supervise OJT								-	-	B	-
A2.8.9 Prepare job qualification standards (AF Form 797)								-	-	-	-
A2.8.10 Maintain training records								-	-	B	-
A2.8.11 Evaluate effectiveness of training program								-	-	-	-
A2.8.12 OJT trainer requirements											
A2.8.12.1 Prepare teaching outlines or task breakdowns								-	-	-	-
A2.8.12.2 Provide trainees theory and train on actual equipment								-	-	-	-
A2.8.12.3 Provide feedback on training provided								-	-	-	-
A2.8.13 OJT task certifier requirements											
A2.8.13.1 Develop methods of evaluation to determine trainee knowledge/qualification, and training effectiveness								-	-	-	-
A2.8.13.2 Use appropriate method of evaluation and effectively determine trainee's ability								-	-	-	-
A2.8.13.3 Provide supervisor and trainer feedback on results of training provided and trainee's strengths/ weaknesses								-	-	-	-
A2.9 **MAINTENANCE MANAGEMENT** **TR: AFI 21-101, 21-109, and applicable command directives**											
A2.9.1 Maintenance accountability								-	-	C	-
A2.9.2 Basic functions and responsibilities of the maintenance complex								-	-	-	-
A2.9.3 Operational Risk Management								-	-	-	-
A2.9.4 Logistics/Resource Maintenance Management											
A2.9.4.1 Logistics Management								-	-	C	-
A2.9.4.2 Resource Management								-	-	-	-
A2.9.4.3 Maintenance Group Commander Responsibilities								-	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.9.4.4 Technical Order Management								-	-	-	-
A2.9.4.5 PEWG, TIPWG, STP, and PMR								-	-	-	-
A2.9.4.6 Financial Plan								-	-	-	-
A2.9.4.7 Aircraft Maintenance Management Info Systems								-	-	-	-
A2.9.4.8 Aircraft Monitoring								-	-	-	-
A2.9.4.9 Unit Self Assessments								-	-	-	-
A2.9.4.10 Maintenance QPM Relationships								-	-	-	-
A2.9.4.11 FOD Program Manager								-	-	-	-
A2.9.4.12 Mobility								-	-	-	-
A2.9.4.13 Expediter, Production Supervisor, and Flight Chief Duties and Responsibilities								-	-	-	-
A2.9.4.14 Maintenance Incident Investigation and Prevention								-	-	-	B
A2.9.5 Processing and controlling materiel								-	B	-	-
A2.10 **MAINTENANCE, INSPECTION SYSTEMS AND FORMS TR: AFI 21-109; TO 00-35D-54; TO 00-20 series and applicable command directives**											
A2.10.1 Inspection systems								-	A	B	-
A2.10.2 Deficiency reporting system								-	A	C	-
A2.10.3 Complete deficiency reports								-	-	3c	-
A2.10.4 Job Data Documentation (JDD)								-	-	-	-
A2.10.5 Historical Records								-	-	-	-
A2.10.6 Status Reports								-	-	-	-
A2.10.7 Configuration Management								-	-	-	B
A2.10.8 Use aircraft maintenance forms TR: TO 00-20 series											
A2.10.8.1 781A								2b	B	-	-
A2.10.8.2 781H								1b	A	-	-
A2.10.8.3 781K								1b	A	-	-
A2.10.8.4 Other 781 forms								-	-	-	-
A2.10.9 Form 244								-	-	-	-
A2.10.10 **Use CAMS/Supply Interface TR: AFM 66-279, V 27; 00-20 series TOs, applicable aircraft –06 TOs**											

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.10.10.1 Maintenance transactions								2b	-	-	-
A2.10.10.2 Supply transactions								-	-	-	-
A2.10.10.3 Management/Supervision Transactions								-	-	-	-
A2.10.11 Other Automated Maintenance Systems (RAMPOD And GO81)								-	-	-	-
A2.11 **GENERAL AIRCRAFT TASKS** **TR: Applicable F-16/F-117 series TOs and directives, AFOSH Standard 91-161, TOs 33A2 series, 35A4 series, 35D12 series, and 35E9 series Applicable MQ/ RQ-1 TOs**											
A2.11.1 Aircraft general											
A2.11.1.1 Clean aircraft								-	-	-	-
A2.11.1.2 Perform ground handling											
A2.11.1.2.1 Launch aircraft								-	-	-	-
A2.11.1.2.2 Assist aircraft launch								-	-	-	-
A2.11.1.2.3 Recover aircraft								-	-	-	-
A2.11.1.2.4 Assist aircraft recovery								-	-	-	-
A2.11.1.3 Tow aircraft											
A2.11.1.3.1 Wing/tail walker								-	-	-	-
A2.11.1.3.2 Aircraft brake operator								-	-	-	-
A2.11.1.3.3 Tow team supervisor								-	-	-	-
A2.11.1.4 Moor aircraft								-	-	-	-
A2.11.1.5 Jack and level aircraft											
A2.11.1.5.1 Jacking team member								-	-	-	-
A2.11.1.5.2 Jacking supervisor								-	-	-	-
A2.11.1.5.3 Assist in weight and balance functions								-	-	-	-
A2.11.2 Airframe components											
A2.11.2.1 Remove \ Open											
A2.11.2.1.1 Panels and doors								2b	-	-	-
A2.11.2.1.2 Glare shield								-	-	-	-
A2.11.2.1.3 Open nose radome								-	-	-	-
A2.11.2.1.4 Travel Pods								-	-	-	-
A2.11.2.1.5 Lower Equipment Bay Racks								-	-	-	-
A2.11.2.2 Install / Close components											

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.11.2.2.1 Panels and doors								2b	-	-	-
A2.11.2.2.2 Glare shield								-	-	-	-
A2.11.2.2.3 Close nose radome								-	-	-	-
A2.11.2.2.4 Travel Pods								-	-	-	-
A2.11.2.2.5 Raise Equipment Bay Racks								-	-	-	-
A2.11.3 Utility systems											
A2.11.3.1 Remove LOX converter								-	-	-	-
A2.11.3.2 Install LOX converter								-	-	-	-
A2.11.3.3 Remove OBOGS generator								-	-	-	-
A2.11.3.4 Install OBOGS generator								-	-	-	-
A2.11.3.5 Halon bottle											
A2.11.3.5.1 Inspect								-	-	-	-
A2.11.3.5.2 Remove								-	-	-	-
A2.11.3.5.3 Install								-	-	-	-
A2.11.4 Hydraulic systems											
A2.11.4.1 Service								-	-	-	-
A2.11.4.2 Inspect								-	-	-	-
A2.11.5 Pneumatic system											
A2.11.5.1 Service								-	-	-	-
A2.11.5.2 Inspect								-	-	-	-
A2.11.6 Take engine oil samples (JOAP)								-	-	-	-
A2.11.7 Refuel aircraft											
A2.11.7.1 Refuel team member								-	-	-	-
A2.11.7.2 Refuel team supervisor								-	-	-	-
A2.11.7.3 Refuel team member (engine running)								-	-	-	-
A2.11.7.4 Refuel team supervisor (engine running)								-	-	-	-
A2.11.8 Defuel aircraft											
A2.11.8.1 Defuel team member								-	-	-	-
A2.11.8.2 Defuel team supervisor								-	-	-	-
A2.11.9 External fuel tanks											
A2.11.9.1 Remove								-	-	-	-
A2.11.9.2 Install								-	-	-	-
A2.11.10 Electrical Systems											
A2.11.10.1 Perform operational check											

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.11.10.1.1 Lighting system								-	-	-	-
A2.11.10.1.2 Indicator warning lights								-	-	-	-
A2.11.10.1.3 Light bulbs								-	-	-	-
A2.11.10.1.4 Aircraft battery								-	-	-	-
A2.11.10.2 Remove											
A2.11.10.2.1 Light lenses								-	-	-	-
A2.11.10.2.2 Light bulbs								-	-	-	-
A2.11.10.2.3 Aircraft battery								-	-	-	-
A2.11.10.3 Install											
A2.11.10.3.1 Light lenses								-	-	-	-
A2.11.10.3.2 Light bulbs								-	-	-	-
A2.11.10.3.3 Aircraft battery								-	-	-	-
A2.11.11 Egress system											
A2.11.11.1 Operate Canopy								-	-	-	-
A2.11.11.2 Seat adjustment								-	-	-	-
A2.11.11.3 Install safety pins								-	-	-	-
A2.11.11.4 Remove safety pins								-	-	-	-
A2.11.12 Aircraft support equipment											
A2.11.12.1 Maintenance stand(s)											
A2.11.12.1.1 Perform pre-use inspection								-	-	-	-
A2.11.12.1.2 Use								-	-	-	-
A2.11.12.2 Aircraft jacks											
A2.11.12.2.1 Perform pre-use inspection								-	-	-	-
A2.11.12.2.2 Use								-	-	-	-
A2.11.12.3 Portable hydraulic test stand											
A2.11.12.3.1 Perform pre-use inspection		*						1b	-	-	-
A2.11.12.3.2 Use		*						1b	-	-	-
A2.11.12.3.3 Bleed		*						-	-	-	-
A2.11.12.4 Air conditioning units											
A2.11.12.4.1 Perform pre-use inspection	*							2b	-	-	-
A2.11.12.4.2 Use	*							2b	-	-	-
A2.11.12.5 Generators											
A2.11.12.5.1 Perform pre-use inspection	*							2b	-	-	-
A2.11.12.5.2 Use	*							2b	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.11.12.6 Diesel generators											
A2.11.12.6.1 Perform pre-use inspection								-	-	-	-
A2.11.12.6.2 Use								-	-	-	-
A2.11.12.7 Nitrogen servicing equipment											
A2.11.12.7.1 Perform pre-use inspection								-	-	-	-
A2.11.12.7.2 Use								-	-	-	-
A2.11.12.8 Oil servicing cart											
A2.11.12.8.1 Perform pre-use inspection								-	-	-	-
A2.11.12.8.2 Use								-	-	-	-
A2.11.12.9 Hydraulic servicing cart											
A2.11.12.9.1 Perform pre-use inspection								-	-	-	-
A2.11.12.9.2 Use								-	-	-	-
A2.11.12.10 Centerline stores loader											
A2.11.12.10.1 Perform pre-use inspection								-	-	-	-
A2.11.12.10.2 Use								-	-	-	-
A2.11.12.11 Scissor jack											
A2.11.12.11.1 Perform pre-use inspection								-	-	-	-
A2.11.12.11.2 Use								-	-	-	-
A2.11.12.12 Air compressors											
A2.11.12.12.1 Perform pre-use inspection								-	-	-	-
A2.11.12.12.2 Use								-	-	-	-
A2.11.12.13 Heaters and blowers											
A2.11.12.13.1 Perform pre-use inspection								-	-	-	-
A2.11.12.13.2 Use								-	-	-	-
A2.11.12.14 Portable light equipment											
A2.11.12.14.1 Perform pre-use inspection								-	-	-	-
A2.11.12.14.2 Use								-	-	-	-
A2.12 **ANCILLARY COMMON TASKS** **TR: Applicable F-16/F-117 series TOs and directives, TO 00-20-4** **Applicable MQ/RQ-1 TOs**											
A2.12.1 Computers and Computer Usage											
A2.12.1.1 Application Use								-	-	-	-
A2.12.1.2 Operating Systems								-	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.12.1.3 Hardware								-	-	-	-
A2.12.1.4 Local Area Networks (LAN)								-	-	-	-
A2.12.2 Support section											
A2.12.2.1 Maintain TMDE (PMEL) reports								-	-	-	-
A2.12.2.2 Maintain TO files								-	-	-	-
A2.12.2.3 Maintain test equipment								-	-	-	-
A2.12.2.4 Issue tools								-	-	-	-
A2.12.2.5 Inspect tools								-	-	-	-
A2.12.2.6 Maintain CA/CRLs								-	-	-	-
A2.12.2.7 Maintain bench stock								-	-	-	-
A2.12.3 Debriefing											
A2.12.3.1 Debrief pilots								-	-	-	-
A2.12.3.2 Maintain debriefing forms								-	-	-	-
A2.12.3.3 Use automated data systems								-	-	-	-
A2.12.4 Dispatcher/expediter											
A2.12.4.1 Maintain dispatch log/board								-	-	-	-
A2.12.4.2 Maintain parts status								-	-	-	-
A2.12.4.3 Maintain aircraft status board								-	-	-	-
A2.12.4.4 Use radio/radio discipline								-	-	-	-
A2.12.4.5 Use automated data systems								-	-	-	-
A2.12.5 Supply functions											
A2.12.5.1 DIFM monitor								-	-	-	-
A2.12.5.2 Order parts								-	-	-	-
A2.12.6 Aircraft Structural Integrity Program (ASIP)											
A2.12.6.1 Functions								-	A	-	-
A2.12.6.2 ASIP Monitor								-	-	-	-
A2.12.6.3 Complete forms								-	-	-	-
A2.12.6.4 Maintain reports								-	-	-	-
A2.12.7 Serene BYTE / PACER WARE Program											
A2.12.7.1 Procedures								-	-	-	-
A2.12.7.2 Reports								-	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.13 **FUNDAMENTALS OF AVIONICS SYSTEMS MAINTENANCE** **TR: AFOSH 127-9, 127-23, 127-66 Applicable Aircraft TO s and applicable directives**											
A2.13.1 Aircraft familiarization											
A2.13.1.1 Major structural areas								A	A	-	-
A2.13.1.2 Major systems								A	A	-	-
A2.13.1.3 Danger areas								A	B	-	-
A2.13.2 Use common tool(s)								2b	-	-	-
A2.13.3 Corrosion control								A	B	-	-
A2.13.4 Protect											
A2.13.4.1 Exposed electrical connectors	*							a	A	-	-
A2.13.4.2 Open pressure lines	*							a	A	-	-
A2.13.4.3 Open waveguides	*							a	A	-	-
A2.13.5 Electric Sensitive Device (ESD) Procedures								-	A	-	-
A2.13.6 Perform aircraft safe for maintenance check	*							3b	-	-	-
A2.13.7 Perform safety wiring	*							2b	A	-	-
A2.13.8 Use torque indicating devices	*							2b	A	-	-
A2.13.9 Follow CTK procedures	*							2b	-	-	-
A2.13.10 Chafing											
A2.13.10.1 Causes								A	B	-	-
A2.13.10.2 Identification	*							A	A	-	-
A2.13.10.3 Prevention								A	B	-	-
A2.13.11 Advanced Troubleshooting Techniques											
A2.13.11.1 Technical problem solving											
A2.13.11.1.1 Methodology								-	-	C	-
A2.13.11.1.2 Analysis								-	-	C	-
A2.13.12 Principles of Avionics											
A2.13.12.1 Voice/Data communication								B	-	-	-
A2.13.12.2 Display Systems								B	-	-	-
A2.13.12.3 Navigation Systems								B	-	-	-
A2.13.12.4 Radar / Countermeasures Principles								B	-	-	-
A2.13.12.5 Flight Controls / Flight Environment								B	-	-	-
A2.13.12.6 Intergrated Computer Systems								B	-	-	-

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.13.12.7 Infrared & Laser								B	-	-	-
A2.14 **AIRCRAFT WIRE, CABLE, AND TRANSMISSION LINE MAINTENANCE TR: Applicable F-16/F-117-1 and -2 series TOs Applicable MQ/RQ-1 TOs**											
A2.14.1 Use wire repair kit(s)								2b	A	-	-
A2.14.2 Use heat gun								-	-	-	-
A2.14.3 Aircraft wiring											
A2.14.3.1 Troubleshoot								2b	-	-	-
A2.14.3.2 Repair								-	A	-	-
A2.14.3.3 Replace								-	-	-	-
A2.14.3.4 Inspect		*						-	-	-	-
A2.14.3.5 Use Test Equipment								-	-	-	-
A2.14.4 Aircraft connectors											
A2.14.4.1 Standard connectors											
A2.14.4.1.1 Repair								2b	B	-	-
A2.14.4.1.2 Replace								-	-	-	-
A2.14.4.1.3 Inspect		*						b	B	-	-
A2.14.4.2 Wafers											
A2.14.4.2.1 Repair								-	B	-	-
A2.14.4.2.2 Replace								-	-	-	-
A2.14.4.2.3 Inspect		*						b	B	-	-
A2.14.5 RF/Video cables/connectors											
A2.14.5.1 Troubleshoot		*						2b	B	-	-
A2.14.5.2 Repair								b	B	-	-
A2.14.5.3 Replace								-	-	-	-
A2.14.5.4 Inspect		*						a	B	-	-
A2.14.5.5 Use RFTLTS								-	-	2b	-
A2.14.6 Waveguides											
A2.14.6.1 Remove								-	-	-	-
A2.14.6.2 Install								-	-	-	-
A2.14.6.3 Inspect		*						-	B	-	-
A2.15 **ENHANCED DIAGNOSTIC AID (EDNA) TR: Applicable F-16 series TOs**											

COMMON TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.15.1 Operation								A	A	-	-
A2.15.2 Configuration/program software cartridges								-	-	-	-
A2.15.3 Perform self-test								2b	-	-	-
A2.15.4 Load and verify OFP/OP								-	-	-	-
A2.16 **GENERAL AVIONICS LRUs** **TR: Applicable F-16/F-117 -2 Series TOs**											
A2.16.1 Attitude Director Indicator (ADI)											
A2.16.1.1 Isolate malfunctions								-	-	-	-
A2.16.1.2 Remove								-	-	-	-
A2.16.1.3 Install								-	-	-	-
A2.16.2 Horizontal Situation Indicator (HSI)											
A2.16.2.1 Isolate malfunctions								-	-	-	-
A2.16.2.2 Remove								-	-	-	-
A2.16.2.3 Install								-	-	-	-
A2.16.3 Electronic Heading Select Indicator (EHSI)											
A2.16.3.1 System Description								-	-	-	-
A2.16.3.2 System Operation								-	-	-	-
A2.16.3.3 System Theory								-	-	-	-
A2.16.3.4 Trace signal/data flow								-	-	-	-
A2.16.3.5 Perform operation checkout/BIT								-	-	-	-
A2.16.3.6 Isolate malfunction								-	-	-	-
A2.16.3.7 Remove system LRU(s)								-	-	-	-
A2.16.3.8 Install system LRU(s)								-	-	-	-
A2.16.4 Flight Control Stick-grip Assembly											
A2.16.4.1 Perform operational checkout								-	-	-	-
A2.16.4.2 Isolate malfunctions								-	-	-	-
A2.16.4.3 Remove								-	-	-	-
A2.16.4.4 Install		*						-	-	-	-
A2.16.5 Slip-turn Transmitter Gyro											
A2.16.5.1 Perform operational checkout								-	-	-	-
A2.16.5.2 Isolate malfunctions								-	-	-	-
A2.16.5.3 Remove								-	-	-	-
A2.16.5.4 Install								-	-	-	-
A2.16.6 Throttle grip assembly											

F-16 A/B TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A2.16.6.1	Perform operational checkout								-	-	-	-
A2.16.6.2	Isolate malfunctions								-	-	-	-
A2.16.6.3	Remove								-	-	-	-
A2.16.6.4	Install								-	-	-	-

F-16 A/B TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC

NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.

NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.

NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.

NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column.

NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.

A.3.1 **HIGH FREQUENCY (HF) COMMUNICATIONS (ADF AIRCRAFT)** **TR: Applicable F-16 -2 series TOs**											
A3.1.1 System Description								-	-	-	-
A3.1.2 System Operation								-	-	-	-
A3.1.3 System Theory								-	-	-	-
A3.1.4 Trace signal/data flow								-	-	-	-
A3.1.5 Perform operational checkout								-	-	-	-
A3.1.6 Isolate malfunctions								-	-	-	-
A3.1.7 Use test equipment								-	-	-	-
A3.1.8 Remove system LRU(s)								-	-	-	-
A3.1.9 Install system LRU(s)								-	-	-	-
A3.2 **ADVANCED IFF (AIFF) TRANSPONDER SYSTEM (ADF AIRCRAFT)** **TR: Applicable F-16 -2 series TOs**											
A3.2.1 System Description								-	-	-	-
A3.2.2 System Operation								-	-	-	-
A3.2.3 System Theory								-	-	-	-
A3.2.4 Trace signal/data flow								-	-	-	-
A3.2.5 Perform operational checkout and BIT								-	-	-	-
A3.2.6 Isolate malfunctions								-	-	-	-
A3.2.7 Use test equipment								-	-	-	-
A3.2.8 Remove system LRU(s)								-	-	-	-
A3.2.9 Install system LRU(s)								-	-	-	-

F-16 A/B TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A3.3 **STORES MANAGEMENT SET (SMS), F-16A/B AIRCRAFT ONLY TR: Applicable F-16 -2 and -34 series TOs**											
A3.3.1 System Description								-	-	-	-
A3.3.2 System Operation								-	-	-	-
A3.3.3 System Theory								-	-	-	-
A3.3.4 Trace signal/data flow								-	-	-	-
A3.3.5 Perform confidence checkout and BIT								-	-	-	-
A3.3.6 Load OFP								-	-	-	-
A3.4 **FIRE CONTROL RADAR (FCR), F-16A/B AIRCRAFT ONLY TR: Applicable F-16 -2 and -34 series TOs**											
A3.4.1 System Description								-	-	-	-
A3.4.2 System Operation								-	-	-	-
A3.4.3 System Theory								-	-	-	-
A3.4.4 Trace signal/data flow								-	-	-	-
A3.4.5 Perform operational checkout and BIT								-	-	-	-
A3.4.6 Isolate malfunctions								-	-	-	-
A3.4.7 Remove system LRU(s)								-	-	-	-
A3.4.8 Install system LRU(s)								-	-	-	-
A3.4.9 Use waveguide pressurization tester								-	-	-	-
A3.4.10 Load OFP								-	-	-	-
A3.5 **EXPANDED FIRE CONTROL (XFCC), F-16A/B AIRCRAFT ONLY TR: Applicable F-16 -2 and -34 series TOs**											
A3.5.1 System Description								-	-	-	-
A3.5.2 System Operation								-	-	-	-
A3.5.3 System Theory								-	-	-	-
A3.5.4 Trace signal/data flow								-	-	-	-
A3.5.5 Perform operational checkout								-	-	-	-
A3.5.6 Isolate malfunctions								-	-	-	-
A3.5.7 Remove system LRU(s)								-	-	-	-
A3.5.8 Install system LRU(s)								-	-	-	-
A3.5.9 Load OFP								-	-	-	-

F-16 A/B TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A3.6 **HEAD UP DISPLAY (HUD) SYSTEM, F-16 A/B AIRCRAFT ONLY TR: Applicable F-16 –2 and –34 series TOs**											
A3.6.1 System Description								-	-	-	-
A3.6.2 System Operation								-	-	-	-
A3.6.3 System Theory								-	-	-	-
A3.6.4 Trace signal/data flow								-	-	-	-
A3.6.5 Perform operational checkout and BIT								-	-	-	-
A3.6.6 Isolate malfunctions								-	-	-	-
A3.6.7 Remove system LRU(s)								-	-	-	-
A3.6.8 Install system LRU(s)								-	-	-	-
A3.7 **RADAR, ELECTRO-OPTICAL (REO) DISPLAY SYSTEM, F-16 A/B AIRCRAFT ONLY TR: Applicable F-16 –2 and –34 series TOs**								-	-	-	-
A3.7.1 System Description								-	-	-	-
A3.7.2 System Operation								-	-	-	-
A3.7.3 System Theory								-	-	-	-
A3.7.4 Trace signal/data flow								-	-	-	-
A3.7.5 Perform operational checkout and BIT								-	-	-	-
A3.7.6 Isolate malfunctions								-	-	-	-
A3.7.7 Remove system LRU(s)								-	-	-	-
A3.7.8 Install system LRU(s)								-	-	-	-
A3.8 **AIRBORNE VIDEO TAPE RECORDER (AVTR) SYSTEM TR: Applicable F-16 -2 and -34 series TOs**											
A3.8.1 System Description								-	-	-	-
A3.8.2 System Operation								-	-	-	-
A3.8.3 System Theory								-	-	-	-
A3.8.4 Trace signal/data flow								-	-	-	-
A3.8.5 Perform operational checkout and BIT								-	-	-	-
A3.8.6 Isolate malfunctions								-	-	-	-
A3.8.7 Remove system LRU(s)								-	-	-	-
A3.8.8 Install system LRU(s)								-	-	-	-
A3.8.9 Perform CTVS HUD Video Alignment								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.											
NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column.											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.											
A4.1 **ULTRA-HIGH FREQUENCY /HAVE QUICK (UHF/HQ) COMMUNICATIONS** **TR: Applicable F-16/F-117 –2 series TOs**											
A4.1.1 System Description								A	-	-	-
A4.1.2 System Operation								A	-	-	-
A4.1.3 System Theory								-	A	-	-
A4.1.4 Trace signal/data flow								-	-	-	-
A4.1.5 Perform operational checkout	*							2b	-	-	-
A4.1.6 Isolate malfunctions		*						2b	-	-	-
A4.1.7 Use thru line watt meter	*							-	-	-	-
A4.1.8 Remove system LRU(s)											
A4.1.8.1 UHF RT	*							2b	-	-	-
A4.1.8.2 UHF/IFF Antenna								-	-	-	-
A4.1.8.3 Low Observable Antenna (F-117)								-	-	-	-
A4.1.8.4 Other LRU(s)								-	-	-	-
A4.1.9 Install system LRU(s)											
A4.1.9.1 UHF RT	*							2b	-	-	-
A4.1.9.2 UHF/IFF Antenna								-	-	-	-
A4.1.9.3 Low Observable Antenna (F-117)								-	-	-	-
A4.1.9.4 Other LRU(s)								-	-	-	-
A4.1.10 Load WOD/TOD/FMT								-	-	-	-
A4.2 **SECURE VOICE** **TR: Applicable F-16/F-117 –2 series TOs**											
A4.2.1 System Description								A	-	-	-
A4.2.2 System Operation								A	-	-	-
A4.2.3 System Theory								-	A	-	-
A4.2.4 Trace signal/data flow								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.2.5 Perform operational checkout								-	-	-	-
A4.2.6 Isolate malfunctions								-	-	-	-
A4.2.7 Remove system LRU(s)								-	-	-	-
A4.2.8 Install system LRU(s)								-	-	-	-
A4.2.9 Code system											
A4.2.9.1 Using KYK-13								-	-	-	-
A4.2.9.2 Other fill devices								-	-	-	-
A4.3 **VERY-HIGH-FREQUENCY (VHF) COMMUNICATIONS** **TR: Applicable F-16 –2 series TOs**											
A4.3.1 System Description								-	-	-	-
A4.3.2 System Operation								-	-	-	-
A4.3.3 System Theory								-	A	-	-
A4.3.4 Trace signal/data flow								-	-	-	-
A4.3.5 Perform operational checkout								-	-	-	-
A4.3.6 Isolate malfunctions								-	-	-	-
A4.3.7 Use test equipment								-	-	-	-
A4.3.8 Remove system LRU(s)								-	-	-	-
A4.3.9 Install system LRU(s)								-	-	-	-
A4.4 **INTERPHONE SYSTEM** **TR: Applicable F-16/F-117 –2 series TOs**											
A4.4.1 System Description								A	-	-	-
A4.4.2 System Operation								A	-	-	-
A4.4.3 System Theory								-	A	-	-
A4.4.4 Trace signal/data flow								-	-	-	-
A4.4.5 Perform operational checkout	*							-	-	-	-
A4.4.6 Use interphone system								2b	-	-	-
A4.4.7 Isolate malfunctions								-	-	-	-
A4.4.8 Remove system LRU(s)								-	-	-	-
A4.4.9 Install system LRU(s)								-	-	-	-
A4.5 **IMPROVED DATA MODEM (IDM)** **TR: Applicable F-16 –2 series TOs**											
A4.5.1 System Description								A	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.5.2 System Operation								A	-	-	-
A4.5.3 System Theory								-	A	-	-
A4.5.4 Trace signal/data flow								1b	-	-	-
A4.5.5 Perform operational checkout								-	-	-	-
A4.5.6 Isolate malfunctions								-	-	-	-
A4.5.7 Remove system LRU(s)								-	-	-	-
A4.5.8 Install system LRU(s)								-	-	-	-
A4.5.9 Use test equipment								-	-	-	-
A4.5.10 Load OFP								-	-	-	-
A4.6 **SITUATION AWARENESS DATA LINK (SADL) TR: Applicable F-16 –2 series TOs**											
A4.6.1 System Description								A	A	-	-
A4.6.2 System Operation								-	-	-	-
A4.6.3 System Theory								-	-	-	-
A4.6.4 Trace signal/data flow								-	-	-	-
A4.6.5 Perform operational checkout								-	-	-	-
A4.6.6 Isolate malfunctions								-	-	-	-
A4.6.7 Remove system LRU(s)								-	-	-	-
A4.6.8 Install system LRU(s)								-	-	-	-
A4.6.9 Use test equipment								-	-	-	-
A4.6.10 Enter encryption codes								-	-	-	-
A4.7 **MULTI-FUNCTION INFORMATION DISTRIBUTION SYSTEM (MIDS) (LINK16/TACAN) TR: Applicable F-16 –2 series TOs**											
A4.7.1 System Description								-	-	-	-
A4.7.2 System Operation								-	-	-	-
A4.7.3 System Theory								-	-	-	-
A4.7.4 Trace signal/data flow								-	-	-	-
A4.7.5 Perform operational checkout											
A4.7.5.1 Perform Link16 operational checkout								-	-	-	-
A4.7.5.2 Perform TACAN operational checkout								-	-	-	-
A4.7.6 Isolate malfunction								-	-	-	-
A4.7.7 Remove system LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.7.8 Install system LRU(s)								-	-	-	-
A4.7.9 Use test equipment								-	-	-	-
A4.7.10 Load encryption codes								-	-	-	-
A4.8 **FLIGHT CONTROL SYSTEM (FLCS) (CONVENTIONAL) TR: Applicable F-16 -2 series TOs**											
A4.8.1 System Description								A	A	-	-
A4.8.2 System Operation											
A4.8.2.1 Stability and command augmentation								A	A	-	-
A4.8.2.2 Trim								-	A	-	-
A4.8.2.3 Autopilot								-	A	-	-
A4.8.2.4 Self-test								A	-	-	-
A4.8.2.5 Air data scheduling								A	-	-	-
A4.8.2.6 Electrical power (primary/alternate)								A	-	-	-
A4.8.3 System Theory								-	A	-	B
A4.8.4 Trace signal/data flow								1b	-	-	-
A4.8.5 Perform operational checkouts											
A4.8.5.1 FLCS self-test	*							3b	-	-	-
A4.8.5.2 Other operational checkouts								-	-	-	-
A4.8.6 Boresight AOA transmitter mount								-	-	-	-
A4.8.7 Isolate malfunctions		*						-	-	-	-
A4.8.8 Use test equipment								2b	-	-	-
A4.8.9 Remove system LRU(s)											
A4.8.9.1 Flight control computer	*							-	-	-	-
A4.8.9.2 Rate gyros								-	-	-	-
A4.8.9.3 Flight control panel								-	-	-	-
A4.8.9.4 Manual trim panel								-	-	-	-
A4.8.9.5 Other LRU(s)								-	-	-	-
A4.8.10 Install system LRU(s)											
A4.8.10.1 Flight control computer	*							-	-	-	-
A4.8.10.2 Rate gyros								-	-	-	-
A4.8.10.3 Flight control panel								-	-	-	-
A4.8.10.4 Manual trim panel								-	-	-	-
A4.8.10.5 Other LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.9 **DIGITAL FLIGHT CONTROL SYSTEM (DFLCS)** **TR: Applicable F-16 -2 series TOs**											
A4.9.1 System Description								A	-	-	-
A4.9.2 System Operation											
A4.9.2.1 Stability and command augmentation								A	-	-	-
A4.9.2.2 Trim								-	-	-	-
A4.9.2.3 Autopilot								-	-	-	-
A4.9.2.4 BIT								A	-	-	-
A4.9.2.5 Air data scheduling								A	-	-	-
A4.9.2.6 Electrical power (primary/alternate)								A	-	-	-
A4.9.2.7 Terrain Following (TF)								-	-	-	-
A4.9.3 System Theory								-	A	-	B
A4.9.4 Trace signal/data flow								1b	-	-	-
A4.9.5 Perform operational checkouts											
A4.9.5.1 Operational checkout and BIT	*							2b	-	-	-
A4.9.5.2 Other checkouts								-	-	-	-
A4.9.6 Boresight AOA transmitter mount								-	-	-	-
A4.9.7 Isolate malfunctions		*						-	-	-	-
A4.9.8 Remove system LRU(s)											
A4.9.8.1 DFLCC	*							-	-	-	-
A4.9.8.2 Other LRU(s)								-	-	-	-
A4.9.9 Install system LRU(s)											
A4.9.9.1 DFLCC	*							-	-	-	-
A4.9.9.2 Other LRU(s)								-	-	-	-
A4.10 **LEADING EDGE FLAP SYSTEM** **TR: Applicable F-16 -2 series TOs**											
A4.10.1 System Description								A	-	-	-
A4.10.2 System Operation								A	-	-	-
A4.10.3 System Theory								-	A	-	-
A4.10.4 Trace signal/data flow								-	-	-	-
A4.10.5 Perform operational checkout								-	-	-	-
A4.10.6 Isolate malfunctions								-	-	-	-
A4.10.7 Remove system LRU(s)								-	-	-	-
A4.10.8 Install system LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.11 **FLCS SEAT DATA RECORDER** **TR: Applicable F-16 -2 series TOs**											
A4.11.1 System Description								-	-	-	-
A4.11.2 System Operation								-	-	-	-
A4.11.3 System Theory								-	A	-	-
A4.11.4 Perform operational checkout								-	-	-	-
A4.11.5 Isolate malfunctions								-	-	-	-
A4.11.6 Remove LRU								-	-	-	-
A4.11.7 Install LRU								-	-	-	-
A4.12 **FUEL QUANTITY INDICATING SYSTEM** **TR: Applicable F-16 -2 series TOs**											
A4.12.1 System Description								A	-	-	-
A4.12.2 System Operation								A	-	-	-
A4.12.3 System Theory								B	A	-	-
A4.12.4 Trace signal/data flow								1b	-	-	-
A4.12.5 Perform operational checkout	*							-	-	-	-
A4.12.6 Calibrate system								2b	-	-	-
A4.12.7 Perform capacitance check								2b	-	-	-
A4.12.8 Isolate malfunctions		*						2b	-	-	-
A4.12.9 Use test equipment								2b	-	-	-
A4.12.10 Remove system LRU(s)								-	-	-	-
A4.12.11 Install system LRU(s)								-	-	-	-
A4.13 **HYDRAULIC PRESSURE INDICATION** **TR: Applicable F-16/F-117 -2 series TOs**											
A4.13.1 System Description								-	-	-	-
A4.13.2 System Operation								-	-	-	-
A4.13.3 System Theory								-	A	-	-
A4.13.4 Trace signal/data flow								-	-	-	-
A4.13.5 Perform operational check								-	-	-	-
A4.13.6 Isolate malfunctions								-	-	-	-
A4.13.7 Remove indicator								-	-	-	-
A4.13.8 Install indicator								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.14 **CRASH SURVIVABLE FLIGHT DATA RECORDER (CSFDR) SYSTEM TR: Applicable F-16 -2 series TOs**											
A4.14.1 System Description								-	-	-	-
A4.14.2 System Operation								-	-	-	-
A4.14.3 System Theory								-	A	-	-
A4.14.4 Trace signal/data flow								-	-	-	-
A4.14.5 Perform operational check								-	-	-	-
A4.14.6 Isolate malfunctions								-	-	-	-
A4.14.7 Remove LRU(s)								-	-	-	-
A4.14.8 Install LRU(s)								-	-	-	-
A4.14.9 Load OFP								-	-	-	-
A4.14.10 CSFDR Data Retrieval											
A4.14.10.1 Perform download								-	-	-	-
A4.14.10.2 Analyze data								-	-	-	-
A4.15 **FLIGHT ENVIRONMENT (Air Data) SYSTEM TR: Applicable F-16 -2 series TOs**											
A4.15.1 System Description								A	-	-	-
A4.15.2 System Operation								A	-	-	-
A4.15.3 System Theory								-	A	-	B
A4.15.4 Trace signal/data flow								-	-	-	-
A4.15.5 Perform operational checkout and BIT											
A4.15.5.1 CADC operational checkout (Block 32 and below)								-	-	-	-
A4.15.5.2 Other operational checkouts								-	-	-	-
A4.15.6 Isolate malfunctions								-	-	-	-
A4.15.7 Remove system LRU(s)											
A4.15.7.1 CADC								2b	-	-	-
A4.15.7.2 Other LRU(s)								-	-	-	-
A4.15.8 Install system LRU(s)											
A4.15.8.1 CADC								2b	-	-	-
A4.15.8.2 Other LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.16 **PITOT STATIC INSTRUMENTS** **TR: Applicable F-16/F-117 -2 series TOs**											
A4.16.1 System Description								A	-	-	-
A4.16.2 System Operation								A	-	-	-
A4.16.3 System Theory								-	A	-	B
A4.16.4 Trace signal/data flow								-	-	-	-
A4.16.5 Perform operational checkouts	*							2b	-	-	-
A4.16.6 Adjust components								-	-	-	-
A4.16.7 Isolate malfunctions		*						-	-	-	-
A4.16.8 Use test equipment								2b	-	-	-
A4.16.9 Remove system LRU(s)											
A4.16.9.1 Altimeter								-	-	-	-
A4.16.9.2 AMI								-	-	-	-
A4.16.9.3 Other LRU(s)								-	-	-	-
A4.16.10 Install system LRU(s)											
A4.16.10.1 Altimeter								-	-	-	-
A4.16.10.2 AMI								-	-	-	-
A4.16.10.3 Other LRU(s)								-	-	-	-
A4.17 **STANDBY ATTITUDE INDICATOR (SAI)** **TR: Applicable F-16/F-117 -2 series TOs**											
A4.17.1 System Description								-	-	-	-
A4.17.2 System Operation								-	-	-	-
A4.17.3 System Theory								-	-	-	-
A4.17.4 Perform operational checkout								-	-	-	-
A4.17.5 Isolate malfunctions								-	-	-	-
A4.17.6 Remove system LRU								-	-	-	-
A4.17.7 Install system LRU								-	-	-	-
A4.18 **DIRECT READING (STANDBY) COMPASS** **TR: Applicable F-16 -2 series TOs**											
A4.18.1 System Description								-	-	-	-
A4.18.2 System Operation								-	-	-	-
A4.18.3 System Theory								-	-	-	-
A4.18.4 Perform operational checkout								-	-	-	-
A4.18.5 Make compensation adjustments								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.18.6 Isolate malfunctions								-	-	-	-
A4.18.7 Remove system LRU								-	-	-	-
A4.18.8 Install system LRU								-	-	-	-
A4.19 **INSTRUMENT LANDING SYSTEM (ILS)** **TR: Applicable F-16 –2 series TOs**								-	-	-	-
A4.19.1 System Description								-	-	-	-
A4.19.2 System Operation								-	-	-	-
A4.19.3 System Theory								-	A	-	-
A4.19.4 Trace signal/data flow								-	-	-	-
A4.19.5 Perform operational checkout								-	-	-	-
A4.19.6 Isolate malfunctions								-	-	-	-
A4.19.7 Use test equipment								-	-	-	-
A4.19.8 Remove system LRU(s)								-	-	-	-
A4.19.9 Install system LRU(s)								-	-	-	-
A4.20 **AIR-TO-GROUND IFF (A/G IFF) TRANSPONDER SYSTEM** **TR: Applicable F-16/F-117 -2 series TOs**											
A4.20.1 System Description								A	-	-	-
A4.20.2 System Operation								A	-	-	-
A4.20.3 System Theory								-	A	-	B
A4.20.4 Trace signal/data flow								-	-	-	-
A4.20.5 Perform operational checkout and BIT	*							2b	-	-	-
A4.20.6 Isolate malfunctions		*						2b	-	-	-
A4.20.7 Use test equipment	*							2b	-	-	-
A4.20.8 Remove system LRU(s)											
A4.20.8.1 IFF RT								2b	-	-	-
A4.20.8.2 Other LRU(s)								-	-	-	-
A4.20.9 Install system LRU(s)											
A4.20.9.1 IFF RT								2b	-	-	-
A4.20.9.2 Other LRU(s)								-	-	-	-
A4.20.10 Mode 4											
A4.20.10.1 System Description								A	-	-	-
A4.20.10.2 System Operation								A	-	-	-
A4.20.10.3 System Theory								-	A	-	B

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.20.10.4 Trace signal/data flow								-	-	-	-
A4.20.10.5 Perform operational checkout	*							2b	-	-	-
A4.20.10.6 Isolate malfunctions		*						-	-	-	-
A4.20.10.7 Remove system LRU(s)								-	-	-	-
A4.20.10.8 Install system LRU(s)								-	-	-	-
A4.20.10.9 Code system											
A4.20.10.9.1 Use KYK-13	*							2b	-	-	-
A4.20.10.9.2 Use AN/CYZ-10								-	-	-	-
A4.20.10.9.3 Use other fill devices								-	-	-	-
A4.20.10.10 Perform Mode 4 check								-	-	-	-
A4.21 **ADVANCED IDENTIFICATION FRIEND OR FOE (AIFF)** **TR: Applicable F-16/F-117 –2 series TOs**											
A4.21.1 System Description								-	-	-	-
A4.21.2 System Operation								-	-	-	-
A4.21.3 System Theory								-	-	-	-
A4.21.4 Trace signal/data flow								-	-	-	-
A4.21.5 Perform operational checkout and BIT								-	-	-	-
A4.21.6 Isolate malfunction								-	-	-	-
A4.21.7 Remove system LRU(s)								-	-	-	-
A4.21.8 Install system LRU(s)								-	-	-	-
A4.21.9 Use test equipment								-	-	-	-
A4.21.10 Load OFP								-	-	-	-
A4.21.11 Load Encryption Codes								-	-	-	-
A4.21.12 Perform EOR IFF Mode 4 check								-	-	-	-
A4.22 **TACTICAL AIR NAVIGATION (TACAN) SYSTEM** **TR: Applicable F-16/F-117 –2 series TOs**											
A4.22.1 System Description								A	-	-	-
A4.22.2 System Operation								A	-	-	-
A4.22.3 System Theory								-	A	-	B
A4.22.4 Trace signal/data flow								-	-	-	-
A4.22.5 Perform operational checkout and BIT								2b	-	-	-
A4.22.6 Isolate malfunctions								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.22.7 Remove system LRU(s)								-	-	-	-
A4.22.8 Install system LRU(s)								-	-	-	-
A4.23 **FUEL FLOW INDICATION** **TR: Applicable F-16 –2 series TOs**											
A4.23.1 System Description								-	-	-	-
A4.23.2 System Operation								-	-	-	-
A4.23.3 System Theory								-	A	-	-
A4.23.4 Trace signal/data flow								-	-	-	-
A4.23.5 Isolate malfunctions								-	-	-	-
A4.23.6 Remove indicator								-	-	-	-
A4.23.7 Install indicator								-	-	-	-
A4.24 **NOZZLE POSITION INDICATION** **TR: Applicable F-16 –2 series TOs**											
A4.24.1 System Description								-	-	-	-
A4.24.2 System Operation								-	-	-	-
A4.24.3 System Theory								-	A	-	-
A4.24.4 Trace signal/data flow								-	-	-	-
A4.24.5 Isolate malfunctions								-	-	-	-
A4.24.6 Remove indicator								-	-	-	-
A4.24.7 Install indicator								-	-	-	-
A4.25 **TACHOMETER INDICATION** **TR: Applicable F-16 –2 series TOs**											
A4.25.1 System Description								-	-	-	-
A4.25.2 System Operation								-	-	-	-
A4.25.3 System Theory								-	A	-	-
A4.25.4 Trace signal/data flow								-	-	-	-
A4.25.5 Isolate malfunctions								-	-	-	-
A4.25.6 Remove indicator								-	-	-	-
A4.25.7 Install indicator								-	-	-	-
A4.26 **TEMPERATURE INDICATION** **TR: Applicable F-16 –2 series TOs**											
A4.26.1 System Description								-	-	-	-
A4.26.2 System Operation								-	-	-	-
A4.26.3 System Theory								-	A	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.26.4 Trace signal/data flow								-	-	-	-
A4.26.5 Isolate malfunctions								-	-	-	-
A4.26.6 Remove indicator								-	-	-	-
A4.26.7 Install indicator								-	-	-	-
A4.26.8 Use engine warning test set								-	-	-	-
A4.27 **OIL PRESSURE INDICATION** **TR: Applicable F-16 –2 series TOs**											
A4.27.1 System Description								-	-	-	-
A4.27.2 System Operation								-	-	-	-
A4.27.3 System Theory								-	A	-	-
A4.27.4 Trace signal/data flow								-	-	-	-
A4.27.5 Isolate malfunctions								-	-	-	-
A4.27.6 Remove indicator								-	-	-	-
A4.27.7 Install indicator								-	-	-	-
A4.28 **ADVANCED STORES MANAGEMENT SET (ASMS)** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.28.1 System Description								-	-	-	-
A4.28.2 System Operation								-	-	-	-
A4.28.3 System Theory								-	A	-	-
A4.28.4 Trace signal/data flow								-	-	-	-
A4.28.5 Perform confidence checkout								-	-	-	-
A4.28.6 Load OFP								-	-	-	-
A4.29 **FIRE CONTROL INTEGRATION** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.29.1 System Description								-	-	-	-
A4.29.2 System Operation								-	-	-	-
A4.29.3 System Theory								-	A	-	B
A4.29.4 Perform integrated system checkout								-	-	-	-
A4.29.5 Isolate malfunction to subsystem								-	-	-	-
A4.30 **BORESIGHT FIRE CONTROL SYSTEM (FCS)** **TR: Applicable F-16 –2 series TOs**											
A4.30.1 Purpose of boresighting								-	A	-	-
A4.30.2 Use test equipment								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.30.3 Perform boresight procedures											
A4.30.3.1 Pilots display unit mount								-	-	-	-
A4.30.3.2 Rate sensor unit mount								-	-	-	-
A4.30.3.3 Inertial navigation unit mount								-	-	-	-
A4.30.3.4 Fire control radar antenna mount								-	-	-	-
A4.30.3.5 Left and right hardpoints								-	-	-	-
A4.31 **FIRE CONTROL RADAR (FCR)** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.31.1 System Description								A	-	-	-
A4.31.2 System Operation								A	-	-	-
A4.31.3 System Theory								-	A	-	B
A4.31.4 Trace signal/data flow								1b	-	-	-
A4.31.5 Perform operational checkout	*							2b	-	-	-
A4.31.6 Isolate malfunctions		*						2b	-	-	-
A4.31.7 Remove system LRU(s)											
A4.31.7.1 DMT	*							2b	-	-	-
A4.31.7.2 Other LRU(s)								-	-	-	-
A4.31.8 Install system LRU(s)											
A4.31.8.1 DMT	*							2b	-	-	-
A4.31.8.2 Other LRU(s)								-	-	-	-
A4.31.9 Load OFP								-	-	-	-
A4.31.10 Use waveguide pressurization tester								2b	-	-	-
A4.32 **COMBINED ALTITUDE RADAR ALTIMETER (CARA)** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.32.1 System Description								-	-	-	-
A4.32.2 System Operation								-	-	-	-
A4.32.3 System Theory								-	A	-	-
A4.32.4 Trace signal/data flow								-	-	-	-
A4.32.5 Perform operational checkout and BIT								-	-	-	-
A4.32.6 Isolate malfunctions								-	-	-	-
A4.32.7 Remove system LRU(s)								-	-	-	-
A4.32.8 Install system LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.33 **RING LASER GYRO (RLG) NAVIGATION SYSTEM** **TR: Applicable F-16/F-117 –2 and –34 series TOs**											
A4.33.1 System Description								-	-	-	-
A4.33.2 System Operation								-	-	-	-
A4.33.3 System Theory								-	A	-	-
A4.33.4 Trace signal/data flow								-	-	-	-
A4.33.5 Perform operational checkout and BIT	*							-	-	-	-
A4.33.6 Isolate malfunction		*						-	-	-	-
A4.33.7 Remove system LRU(s)								-	-	-	-
A4.33.8 Install system LRU(s)								-	-	-	-
A4.34 **STANDARD INERTIAL NAVIGATION SYSTEM (SINS)** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.34.1 System Description								-	-	-	-
A4.34.2 System Operation								-	-	-	-
A4.34.3 System Theory								-	-	-	-
A4.34.4 Trace signal/data flow								-	-	-	-
A4.34.5 Perform alignment and operational checkout	*							-	-	-	-
A4.34.6 Isolate malfunctions		*						-	-	-	-
A4.34.7 Remove system LRU(s)								-	-	-	-
A4.34.8 Install system LRU(s)								-	-	-	-
A4.35 **EMBEDDED GLOBAL POSITIONING SYSTEM; INERTIAL NAVIGATION SYSTEM (EGI)** **TR: Applicable F-16–2 TOs**											
A4.35.1 System Description								A	-	-	-
A4.35.2 System Operation								A	-	-	-
A4.35.3 System Theory								-	-	-	-
A4.35.4 Trace signal/data flow								1b	-	-	-
A4.35.5 Enter encryption codes								-	-	-	-
A4.35.6 Perform operational check	*							2b	-	-	-
A4.35.7 Isolate malfunctions		*						2b	-	-	-
A4.35.8 Remove LRU(s)								-	-	-	-
A4.35.9 Install LRU(s)								-	-	-	-
A4.35.10 Load OFP								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.36 **GLOBAL POSITIONING SYSTEM (GPS)** **TR: Applicable F-16/117 -2 and -34 series TOs**											
A4.36.1 System Description								-	-	-	-
A4.36.2 System Operation								-	-	-	-
A4.36.3 System Theory								-	A	-	-
A4.36.4 Trace signal/data flow								-	-	-	-
A4.36.5 Enter encryption codes								-	-	-	-
A4.36.6 Perform operational check								-	-	-	-
A4.36.7 Isolate malfunctions								-	-	-	-
A4.36.8 Remove LRU(s)								-	-	-	-
A4.36.9 Install LRU(s)								-	-	-	-
A4.36.10 Test Equipment (F-117)								-	-	-	-
A4.37 **ENHANCED FIRE CONTROL COMPUTER (EFCC)/ENHANCED EXPANDED FIRE CONTROL COMPUTER (EEFCC)** **TR: Applicable F-16 -2 and -34 series TOs**											
A4.37.1 System Description								A	-	-	-
A4.37.2 System Operation								A	-	-	-
A4.37.3 System Theory								-	A	-	B
A4.37.4 Trace signal/data flow								-	-	-	-
A4.37.5 Perform operational checkout	*							-	-	-	-
A4.37.6 Isolate malfunctions		*						-	-	-	-
A4.37.7 Remove system LRU(s)								-	-	-	-
A4.37.8 Install system LRU(s)								-	-	-	-
A4.37.9 Load OFP	*							-	-	-	-
A4.38 **GENERAL AVIONICS COMPUTER (GAC)** **TR: Applicable F-16 –2 and –34 series TOs**											
A4.38.1 System Description								A	-	-	-
A4.38.2 System Operation								A	-	-	-
A4.38.3 System Theory								-	A	-	B
A4.38.4 Trace signal/data flow								1b	-	-	-
A4.38.5 Perform operational check	*							-	-	-	-
A4.38.6 Isolate malfunctions		*						1b	-	-	-
A4.38.7 Remove system LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.38.8 Install system LRU(s)								-	-	-	-
A4.38.9 Load OFP	*							-	-	-	-
A4.39 **MODULAR MISSION COMPUTER (MMC) TR: Applicable F-16 -2 and -34 series TOs**											
A4.39.1 System Description								-	-	-	-
A4.39.2 System Operation								-	-	-	-
A4.39.3 System Theory								-	A	-	-
A4.39.4 Trace signal/data flow								-	-	-	-
A4.39.5 Perform operational check	*							-	-	-	-
A4.39.6 Isolate malfunctions		*						-	-	-	-
A4.39.7 Remove system LRM(s)								-	-	-	-
A4.39.8 Install system LRM(s)								-	-	-	-
A4.39.9 Remove and replace other LRU(s)								-	-	-	-
A4.39.10 Use test equipment								-	-	-	-
A4.39.11 Load OFP	*							-	-	-	-
A4.40 **HEAD UP DISPLAY (HUD) SYSTEM TR: Applicable F-16 -2 and -34 series TOs**											
A4.40.1 System Description								-	-	-	-
A4.40.2 System Operation								-	-	-	-
A4.40.3 System Theory								-	A	-	-
A4.40.4 Trace signal/data flow								-	-	-	-
A4.40.5 Perform operational checkout and BIT	*							-	-	-	-
A4.40.6 Isolate malfunctions		*						-	-	-	-
A4.40.7 Remove system LRU(s)								-	-	-	-
A4.40.8 Install system LRU(s)								-	-	-	-
A4.41 **JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS)**											
A4.41.1 System Description								-	-	-	-
A4.41.2 System Operation								-	-	-	-
A4.41.3 System Theory								-	-	-	-
A4.41.4 Trace signal/data flow								-	-	-	-
A4.41.5 Perform operation checkout								-	-	-	-
A4.41.6 Isolate malfunction								-	-	-	-
A4.41.7 Remove system LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.41.8 Install system (LRU(s)								-	-	-	-
A4.41.9 Use test equipment								-	-	-	-
A4.41.10 Load OFP								-	-	-	-
A4.41.11 Perform Cockpit Magnetic Mapping								-	-	-	-
A4.42 **DATA TRANSFER EQUIPMENT (DTE)** **TR: Applicable F-16 -2 and -34 series TOs**											
A4.42.1 System Description								-	-	-	-
A4.42.2 System Operation								-	-	-	-
A4.42.3 System Theory								-	A	-	-
A4.42.4 Trace signal/data flow								-	-	-	-
A4.42.5 Perform operational checkout and BIT								-	-	-	-
A4.42.6 Isolate malfunctions								-	-	-	-
A4.42.7 Remove system LRU(s)								-	-	-	-
A4.42.8 Install system LRU(s)								-	-	-	-
A4.43 **MULTI-FUNCTION DISPLAY SET (MFDS),** **TR: Applicable F-16 -2 and -34 series Tos**											
A4.43.1 System Description								A	-	-	-
A4.43.2 System Operation								A	-	-	-
A4.43.3 System Theory								-	A	-	-
A4.43.4 Trace signal/data flow								-	-	-	-
A4.43.5 Perform operational checkout and BIT	*							2b	-	-	-
A4.43.6 Isolate malfunction		*						-	-	-	-
A4.43.7 Remove system LRU(s)								-	-	-	-
A4.43.8 Install system LRU(s)								-	-	-	-
A4.43.9 Load OFP								-	-	-	-
A4.44 **COLOR MULTI-FUNCTION DISPLAY SET (CMFDS)** **TR: Applicable F-16 -2 and -34 series TOs**											
A4.44.1 System Description								-	-	-	-
A4.44.2 System Operation								-	-	-	-
A4.44.3 System Theory								-	-	-	-
A4.44.4 Trace signal/data flow								-	-	-	-
A4.44.5 Perform operational checkout	*							-	-	-	-
A4.44.6 Isolate malfunction		*						-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.44.7 Remove system LRU(s)								-	-	-	-
A4.44.8 Install system LRU(s)								-	-	-	-
A4.44.9 Use test equipment								-	-	-	-
A4.44.10 Load OFP								-	-	-	-
A4.45 **UPFRONT CONTROL SYSTEM (UFC)** **TR: Applicable F-16 -2 and -34 series TOs**											
A4.45.1 System Description								A	-	-	-
A4.45.2 System Operation								A	-	-	-
A4.45.3 System Theory								-	A	-	-
A4.45.4 Trace signal/data flow								-	-	-	-
A4.45.5 Perform operational checkout and BIT	*							2b	-	-	-
A4.45.6 Isolate malfunctions		*						-	-	-	-
A4.45.7 Remove system LRU(s)								-	-	-	-
A4.45.8 Install system LRU(s)								-	-	-	-
A4.45.9 Load OFP								-	-	-	-
A4.46 **MULTI-PLEX BUS** **TR: Applicable F-16 -2 and -34 series TOs**											
A4.46.1 System Description								-	-	-	-
A4.46.2 System Operation								-	-	-	-
A4.46.3 System Theory								-	A	-	-
A4.46.4 Trace signal/data flow								-	-	-	-
A4.46.5 Isolate malfunctions								-	-	-	-
A4.46.6 Remove system LRU(s)								-	-	-	-
A4.46.7 Install system LRU(s)								-	-	-	-
A4.46.8 Use test equipment								-	-	-	-
A4.47 **IMPROVED AIRBORNE VIDEO TAPE RECORDER (IAVTR) SYSTEM/COLOR AIRBORNE VIDEO TAPE RECORDER (CAVTR)** **TR: Applicable F-16/F-117 -2 and -34 series TOs**											
A4.47.1 System Description								-	-	-	-
A4.47.2 System Operation								-	-	-	-
A4.47.3 System Theory								-	A	-	-
A4.47.4 Trace signal/data flow								-	-	-	-
A4.47.5 Perform operational checkout and BIT								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.47.6 Isolate malfunctions								-	-	-	-
A4.47.7 Remove system LRU(s)								-	-	-	-
A4.47.8 Install system LRU(s)								-	-	-	-
A4.47.9 Perform CTVS Hud Video Alignment								-	-	-	-
A4.48 **RADAR THREAT WARNING SYSTEM (RTWS) (ALR-69)** **TR: Applicable F-16 -2 series TOs**											
A4.48.1 System Description								A	-	-	-
A4.48.2 System Operation								A	-	-	-
A4.48.3 System Theory								-	A	-	B
A4.48.4 Trace signal/data flow								1b	-	-	-
A4.48.5 Perform confidence check	*							2b	-	-	-
A4.48.6 Perform operational checkout	*							-	-	-	-
A4.48.7 Isolate malfunctions		*						-	-	-	-
A4.48.8 Use test equipment								2b	-	-	-
A4.48.9 Remove system LRU(s)											
A4.48.9.1 Receiver controller								2b	-	-	-
A4.48.9.2 Other LRU(s)								-	-	-	-
A4.48.10 Install system LRU(s)											
A4.48.10.1 Receiver controller								2b	-	-	-
A4.48.10.2 Other LRU(s)								-	-	-	-
A4.48.11 Perform EOR checks								-	-	-	-
A4.48.12 Perform 90 day checks								-	-	-	-
A4.48.13 Load OFP								-	-	-	-
A4.49 **ADVANCED RADAR WARNING RECEIVER (ALR-56M)** **TR: Applicable F-16 -2 series TOs**											
A4.49.1 System Description								A	-	-	-
A4.49.2 System Operation								-	-	-	-
A4.49.3 System Theory								-	A	-	B
A4.49.4 Trace signal/data flow								-	-	-	-
A4.49.5 Perform confidence check	*							-	-	-	-
A4.49.6 Perform operational checkout	*							2b	-	-	-
A4.49.7 Isolate malfunctions		*						2b	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.49.8 Use test equipment								-	-	-	-
A4.49.9 Remove system LRU(s)								-	-	-	-
A4.49.10 Install system LRU(s)								-	-	-	-
A4.49.11 Perform EOR checks								-	-	-	-
A4.49.12 Perform 90 day checks								-	-	-	-
A4.49.13 Load OFP								-	-	-	-
A4.50 **COUNTERMEASURES SET (CMS) (ALQ-213) TR: Applicable F-16 -2 and -34 series TOs**											
A4.50.1 System Description								A	A	-	-
A4.50.2 System Operation								A	-	-	-
A4.50.3 System Theory								-	-	-	-
A4.50.4 Trace signal/data flow								-	-	-	-
A4.50.5 Perform operational check	*							-	-	-	-
A4.50.6 Load/verify/reprogram								-	-	-	-
A4.50.7 Isolate malfunctions		*						-	-	-	-
A4.50.8 Remove system LRU(s)								-	-	-	-
A4.50.9 Install system LRU(s)								-	-	-	-
A4.50.10 Use Test Equipment								-	-	-	-
A4.51 **ADVANCED INTERFERENCE BLANKER SYSTEM TR: Applicable F-16 -2 series TOs**											
A4.51.1 System Description								-	-	-	-
A4.51.2 System Operation								-	-	-	-
A4.51.3 System Theory								-	A	-	-
A4.51.4 Trace signal/data flow								-	-	-	-
A4.51.5 Perform operational checkout and BIT								-	-	-	-
A4.51.6 Isolate malfunctions								-	-	-	-
A4.51.7 Use test equipment								-	-	-	-
A4.51.8 Remove system LRU(s)								-	-	-	-
A4.51.9 Install system LRU(s)								-	-	-	-
A4.51.10 Load OFP								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.52 **CHAFF-FLARE DISPENSER SYSTEM (CFDS) (ALE-40)** **TR: Applicable F-16 –2 series TOs**											
A4.52.1 System Description								-	-	-	-
A4.52.2 System Operation								-	-	-	-
A4.52.3 System Theory								-	A	-	-
A4.52.4 Trace signal/data flow								-	-	-	-
A4.52.5 Perform operational checkout								-	-	-	-
A4.52.6 Isolate malfunctions								-	-	-	-
A4.52.7 Use test equipment								-	-	-	-
A4.52.8 Remove system LRU(s)								-	-	-	-
A4.52.9 Install system LRU(s)								-	-	-	-
A4.52.10 Pylon Integrated Dispenser System (PIDS)											
A4.52.10.1 Perform operational checkout								-	-	-	-
A4.52.10.2 Remove LRU(s)								-	-	-	-
A4.52.10.3 Install LRU(s)								-	-	-	-
A4.53 **COUNTERMEASURES DISPENSING SET (CMDS) (ALE-47)** **TR: Applicable F-16 -2 series TOs**											
A4.53.1 System Description								A	-	-	-
A4.53.2 System Operation								A	-	-	-
A4.53.3 System Theory								-	A	-	-
A4.53.4 Trace signal/data flow								-	-	-	-
A4.53.5 Perform operational checkout	*							2b	-	-	-
A4.53.6 Isolate malfunctions		*						-	-	-	-
A4.53.7 Use test equipment								-	-	-	-
A4.53.8 Remove system LRU(s)								-	-	-	-
A4.53.9 Install system LRU(s)								-	-	-	-
A4.53.10 Pylon Integrated Dispenser System (PIDS)											
A4.53.10.1 Perform operational checkout								-	-	-	-
A4.53.10.2 Remove LRU(s)								-	-	-	-
A4.53.10.3 Install LRU(s)								-	-	-	-

F-16 C/D and F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A4.54 **CV-22 SYSTEMS** **TR: Applicable CV-22-2 TOs Series TOs**											
A4.54.1 General aircraft systems								-	A	-	-
A4.54.2 Aircraft avionics systems								-	-	-	-

EXTERNAL POD TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.											
NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column.											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.											
A5.1 **LITENING II POD** **TR: Applicable F-16 –2 and –34 series TOs**											
A5.1.1 System Description								-	-	-	-
A5.1.2 System Operation								-	-	-	-
A5.1.3 System Theory								-	-	-	-
A5.1.4 Trace signal/data flow								-	-	-	-
A5.1.5 Perform system checkout											
A5.1.5.1 BIT								-	-	-	-
A5.1.5.2 Operational								-	-	-	-
A5.1.5.3 Hardpoint								-	-	-	-
A5.1.6 Isolate malfunctions								-	-	-	-
A5.1.7 Remove LRU(s)								-	-	-	-
A5.1.8 Install LRU(s)								-	-	-	-
A5.1.9 Use test equipment								-	-	-	-
A5.1.10 Upload/Download Pod								-	-	-	-
A5.1.11 Upload/Download Pylon								-	-	-	-
A5.2 **LANTIRN NAVIGATION POD** **TR: Applicable F-16 –2 and –34 series TOs**											
A5.2.1 System Description								-	-	-	-
A5.2.2 System Operation								-	-	-	-
A5.2.3 System Theory								-	-	-	-
A5.2.4 Trace signal/data flow								-	-	-	-
A5.2.5 Perform system checkout											
A5.2.5.1 BIT								-	-	-	-
A5.2.5.2 Operational								-	-	-	-
A5.2.5.3 Hardpoint								-	-	-	-
A5.2.6 Isolate malfunctions								-	-	-	-

EXTERNAL POD TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A5.2.7 Remove LRU(s)											
A5.2.8 Install LRU(s)											
A5.2.9 Service								-	-	-	-
A5.2.10 Use test equipment								-	-	-	-
A5.2.11 Upload/Download Pod								-	-	-	-
A5.3 **LANTIRN TARGETING POD** **TR: Applicable F-16 -2 and -34 series TOs**											
A5.3.1 System Description								-	-	-	-
A5.3.2 System Operation								-	-	-	-
A5.3.3 System Theory								-	A	-	-
A5.3.4 Trace signal/data flow								-	-	-	-
A5.3.5 Perform system checkout											
A5.3.5.1 BIT	*							-	-	-	-
A5.3.5.2 Operational								-	-	-	-
A5.3.5.3 Hardpoint								-	-	-	-
A5.3.6 Isolate malfunctions		*						-	-	-	-
A5.3.7 Remove LRU(s)								-	-	-	-
A5.3.8 Install LRU(s)								-	-	-	-
A5.3.9 Service								-	-	-	-
A5.3.10 Upload/Download Pod								-	-	-	-
A5.3.11 Upload/Download Pylon								-	-	-	-
A5.3.12 Use test equipment								-	-	-	-
A5.4 **SNIPER XR-Advanced Targeting Pod (ATP)** **TR: Applicable F-16 -2 and -34 series TOs**											
A5.4.1 System Description								-	-	-	-
A5.4.2 System Operation								-	-	-	-
A5.4.3 System Theory								-	-	-	-
A5.4.4 Trace signal/data flow								-	-	-	-
A5.4.5 Perform system checkout											
A5.4.5.1 BIT								-	-	-	-
A5.4.5.2 Operational								-	-	-	-
A5.4.5.3 Hardpoint								-	-	-	-
A5.4.6 Isolate malfunctions								-	-	-	-

EXTERNAL POD TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A5.4.7 Remove LRU/LRM(s)								-	-	-	-
A5.4.8 Install LRU/LRM(s)								-	-	-	-
A5.4.9 Use test equipment								-	-	-	-
A5.4.10 Upload/Download Pod								-	-	-	-
A5.4.11 Upload/Download Pylon								-	-	-	-
A5.4.12 Load OFP								-	-	-	-
A5.5 **HARM TARGETING SYSTEM POD (HTS)/SMART TARGETING AND IDENTIFICATION VIA NETWORKED GEO-LOCATION (STING) POD TR: Applicable F-16-2 and -34 series TOs**											
A5.5.1 System Description								-	A	-	-
A5.5.2 System Operation								-	-	-	-
A5.5.3 System Theory								-	-	-	-
A5.5.4 Trace signal/data flow								-	-	-	-
A5.5.5 Perform system checkout											
A5.5.5.1 BIT	*							-	-	-	-
A5.5.5.2 Operational								-	-	-	-
A5.5.5.3 Hardpoint								-	-	-	-
A5.5.6 Isolate malfunctions		*						-	-	-	-
A5.5.7 Use test equipment								-	-	-	-
A5.5.8 Upload/Download Pod	*							-	-	-	-
A5.5.9 Mate/unmate Pylon								-	-	-	-
A5.5.10 Load OFP								-	-	-	-
A5.6 **THEATRE AIRBORNE RECONNAISANCE SYSTEM (TARS Pod) TR: Applicable F-16 –2 and –34 TOs, 10A1-5-44-1, And MRP Ground Support Equipment Manuals 791-0305, 791-0307, and 791-0308**											
A5.6.1 System Description								-	-	-	-
A5.6.2 System Operation								-	-	-	-
A5.6.3 System Theory								-	-	-	-
A5.6.4 Trace signal/data flow								-	-	-	-
A5.6.5 Perform operational checkout											

EXTERNAL POD TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A5.6.5.1 IBIT								-	-	-	-
A5.6.5.2 Operational								-	-	-	-
A5.6.5.3 Operation using IMP								-	-	-	-
A5.6.6 Isolate malfunctions								-	-	-	-
A5.6.7 Remove LRU(s)											
A5.6.7.1 Panels and midbay window								-	-	-	-
A5.6.7.2 Tape cartridge								-	-	-	-
A5.6.7.3 EO-FS and lens								-	-	-	-
A5.6.7.4 ECU								-	-	-	-
A5.6.7.5 MAEO Camera								-	-	-	-
A5.6.7.6 Other LRU(s)								-	-	-	-
A5.6.8 Install LRU(s)											
A5.6.8.1 Panels and midbay window								-	-	-	-
A5.6.8.2 Tape cartridge								-	-	-	-
A5.6.8.3 EO-FS and lens								-	-	-	-
A5.6.8.4 ECU								-	-	-	-
A5.6.8.5 MAEO Camera								-	-	-	-
A5.6.8.6 Other LRU(s)								-	-	-	-
A5.6.9 Clean LRU(s) and windows								-	-	-	-
A5.6.10 Use test equipment											
A5.6.10.1 Upload/Download software								-	-	-	-
A5.6.10.2 Other tests								-	-	-	-
A5.6.11 Support equipment											
A5.6.11.1 Perform pre-use inspection								-	-	-	-
A5.6.11.2 Use								-	-	-	-
A5.6.12 Upload/Download Pod/Adapter								-	-	-	-
A5.7 **ELECTRONIC COUNTERMEASURES (ECM) SYSTEM (POD)** **TR: Applicable F-16 -2 series TOs**											
A5.7.1 System Description								-	-	-	-
A5.7.2 System Operation								-	-	-	-
A5.7.3 System Theory								-	A	-	-
A5.7.4 Trace signal/data flow								-	-	-	-

EXTERNAL POD TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A5.7.5	Perform operational checkout								-	-	-	-
A5.7.6	Isolate malfunctions								-	-	-	-
A5.7.7	Use test equipment								-	-	-	-
A5.7.8	Install Control Panel								-	-	-	-
A5.7.9	Remove Control Panel								-	-	-	-
A5.7.10	Upload/download pod	*							-	-	-	-
A5.7.11	Upload/download centerline pylon adapter								-	-	-	-
A5.7.12	Inspect pylon adapter								-	-	-	-
A5.7.13	Load OFP / Mission tapes								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.											
NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.											
A6.1 **COMPUTER COMPLEX (F-117)** **TR: Applicable F-117 -2 series TOs**											
A6.1.1 System Description								-	-	-	-
A6.1.2 System Operation								-	-	-	-
A6.1.3 System Theory								-	A	-	-
A6.1.4 Trace signal/data flow								-	-	-	-
A6.1.5 Perform operational checkout and BIT	*							-	-	-	-
A6.1.6 Perform on-line checkout								-	-	-	-
A6.1.7 Isolate malfunctions		*						-	-	-	-
A6.1.8 Remove system LRU(s)	*							-	-	-	-
A6.1.9 Install system LRU(s)	*							-	-	-	-
A6.1.10 Perform on-line checkout								-	-	-	-
A6.2 **STORES MANAGEMENT SYSTEM (F-117)** **TR: Applicable F-117 -2 series TOs**											
A6.2.1 System Description								-	-	-	-
A6.2.2 System Operation								-	-	-	-
A6.2.3 System Theory								-	-	-	-
A6.3 **HEAD UP DISPLAY (HUD) SYSTEM (F-117)** **TR: Applicable F-117 -2 series TOs**											
A6.3.1 System Description								-	-	-	-
A6.3.2 System Operation								-	-	-	-
A6.3.3 System Theory								-	-	-	-
A6.3.4 Trace signal/data flow								-	-	-	-
A6.3.5 Perform operational checkout and BIT	*							-	-	-	-
A6.3.6 Isolate malfunctions		*						-	-	-	-
A6.3.7 Remove system LRU(s)								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A6.3.8 Install system LRU(s)								-	-	-	-
A6.4 **INERTIAL NAVIGATION SYSTEM (INS) (F-117)** **TR: Applicable F-117 -2 series TOs**											
A6.4.1 System Description								-	-	-	-
A6.4.2 System Operation								-	-	-	-
A6.4.3 System Theory								-	-	-	-
A6.4.4 Trace signal/data flow								-	-	-	-
A6.4.5 Perform alignments, operational checkout, and BIT	*							-	-	-	-
A6.4.6 Isolate malfunctions		*						-	-	-	-
A6.4.7 Remove system LRU(s)								-	-	-	-
A6.4.8 Install system LRU(s)								-	-	-	-
A6.4.9 Interpret performance data								-	-	-	-
A6.5 **COLOR MULTI-FUNCTION DISPLAY INDICATOR SYSTEM (F-117)** **TR: Applicable F-117 –2 series TOs**											
A6.5.1 System Description								-	A	-	-
A6.5.2 System Operation								-	-	-	-
A6.5.3 System Theory								-	-	-	-
A6.5.4 Trace signal/data flow								-	-	-	-
A6.5.5 Perform operational checkout and BIT	*							-	-	-	-
A6.5.6 Isolate malfunctions		*						-	-	-	-
A6.5.7 Remove system LRU(s)								-	-	-	-
A6.5.8 Install system LRU(s)								-	-	-	-
A6.6 **DIGITAL TACTICAL SITUATION DISPLAY SYSTEM (F-117)** **TR: Applicable F-117 –2 series TOs**											
A6.6.1 System Description								-	A	-	-
A6.6.2 System Operation								-	-	-	-
A6.6.3 System Theory								-	-	-	-
A6.6.4 Trace signal/data flow								-	-	-	-
A6.6.5 Perform operational checkout and BIT	*							-	-	-	-
A6.6.6 Isolate malfunctions		*						-	-	-	-
A6.6.7 Remove system LRU(s)								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A6.6.8 Install system LRU(s)								-	-	-	-
A6.7 **EXPANDED DATA TRANSFER SYSTEM (EDTS) (F-117)** **TR: Applicable F-117 –2 series TOs**											
A6.7.1 System Description								-	-	-	-
A6.7.2 System Operation								-	-	-	-
A6.7.3 System Theory								-	-	-	-
A6.7.4 Trace signal/data flow								-	-	-	-
A6.7.5 Perform operational checkout and BIT	*							-	-	-	-
A6.7.6 Isolate malfunctions		*						-	-	-	-
A6.7.7 Remove system LRU(s)								-	-	-	-
A6.7.8 Install system LRU(s)								-	-	-	-
A6.8 **FLIGHT CONTROL SYSTEM (F-117)** **TR: Applicable F-117 –2 series TOs**											
A6.8.1 System Description								-	A	-	-
A6.8.2 System Operation								-	-	-	-
A6.8.3 System Theory								-	-	-	-
A6.8.4 Trace signal/data flow								-	-	-	-
A6.8.5 Perform operational checkout and BIT								-	-	-	-
A6.8.6 Isolate malfunctions								-	-	-	-
A6.8.7 Remove system LRU(s)											
A6.8.7.1 FLCC	*							-	-	-	-
A6.8.7.2 FLCP	*							-	-	-	-
A6.8.7.3 Air Data Probe								-	-	-	-
A6.8.7.4 Air Data Transducer								-	-	-	-
A6.8.7.5 Other LRUs								-	-	-	-
A6.8.8 Install system LRU(s)											
A6.8.8.1 FLCC	*							-	-	-	-
A6.8.8.2 FLCP	*							-	-	-	-
A6.8.8.3 Air Data Probe								-	-	-	-
A6.8.8.4 Air Data Transducer								-	-	-	-
A6.8.8.5 Other LRUs								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A6.9 **ATTITUDE HEADING REFERENCE SYSTEM (AHRS) (F-117)** **TR: Applicable F-117 -2 series TOs**											
A6.9.1 System Description								-	A	-	-
A6.9.2 System Operation								-	A	-	-
A6.9.3 Trace signal/data flow								-	-	-	-
A6.9.4 Perform operational checkout and BIT	*							-	-	-	-
A6.9.5 Isolate malfunctions		*						-	-	-	-
A6.9.6 Degaussing								-	-	-	-
A6.9.7 Remove system LRU(s)								-	-	-	-
A6.9.8 Install system LRU(s)								-	-	-	-
A6.9.9 System calibration (Compass Swing)								-	-	-	-
A6.10 **AUTOPILOT** **TR: Applicable F-117 -2 series TOs**											
A6.10.1 System Description								-	-	-	-
A6.10.2 System Operation								-	-	-	-
A6.10.3 System Theory								-	-	-	-
A6.10.4 Trace signal/data flow								-	-	-	-
A6.10.5 Perform operational checkout and BIT	*							-	-	-	-
A6.10.6 Isolate malfunctions		*						-	-	-	-
A6.10.7 Remove system LRU(s)								-	-	-	-
A6.10.8 Install system LRU(s)								-	-	-	-
A6.11 **AUTO THROTTLE SYSTEM** **TR: Applicable F-117 -2 series TOs**											
A6.11.1 System Description								-	-	-	-
A6.11.2 System Operation								-	-	-	-
A6.11.3 System Theory								-	-	-	-
A6.11.4 Trace signal/data flow								-	-	-	-
A6.11.5 Perform operational checkout and BIT	*							-	-	-	-
A6.11.6 Isolate malfunctions		*						-	-	-	-
A6.11.7 Remove system LRU(s)								-	-	-	-
A6.11.8 Install system LRU(s)								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A6.12 **FLIGHT MANAGEMENT SYSTEM** **TR: Applicable F-117 -2 series TOs**											
A6.12.1 System Description								-	-	-	-
A6.12.2 System Operation								-	-	-	-
A6.12.3 System Theory								-	-	-	-
A6.12.4 Trace signal/data flow								-	-	-	-
A6.12.5 Perform operational checkout and BIT	*							-	-	-	-
A6.12.6 Remove system LRU(s)								-	-	-	-
A6.12.7 Install system LRU(s)								-	-	-	-
A6.13 **NOSE WHEEL STEERING** **TR: Applicable F-117 -2 series TOs**											
A6.13.1 System Description								-	-	-	-
A6.13.2 System Operation								-	-	-	-
A6.13.3 System Theory								-	-	-	-
A6.13.4 Trace signal/data flow								-	-	-	-
A6.13.5 Perform operational checkout and BIT	*							-	-	-	-
A6.13.6 Isolate malfunctions		*						-	-	-	-
A6.13.7 Remove system LRU(s)								-	-	-	-
A6.13.8 Install system LRU(s)								-	-	-	-
A6.14 **LOW OBSERVABLE INSTRUMENT SYSTEM (LOIS) RADAR BEACON** **TR: Applicable F-117 -2 series TO**											
A6.14.1 System Description								-	-	-	-
A6.14.2 System Operation								-	-	-	-
A6.14.3 System Theory								-	-	-	-
A6.14.4 Trace signal/data flow								-	-	-	-
A6.14.5 Perform operational checkout	*							-	-	-	-
A6.14.6 Isolate malfunctions		*						-	-	-	-
A6.14.7 Remove system LRU(s)								-	-	-	-
A6.14.8 Install system LRU(s)								-	-	-	-
A6.15 **INFRARED ACQUISITION/ DESIGNATION SYSTEM (IRADS)** **TR: Applicable F-117 -2 series TOs**											

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A6.15.1 System Description								-	-	-	-
A6.15.2 System Operation								-	-	-	-
A6.15.3 System Theory								-	A	-	-
A6.15.4 Trace signal/data flow								-	-	-	-
A6.15.5 Perform operational checkout and BIT	*							-	-	-	-
A6.15.6 Isolate malfunctions		*						-	-	-	-
A6.15.7 Remove system LRU(s)	*							-	-	-	-
A6.15.8 Install system LRU(s)	*							-	-	-	-
A6.16 **AIR DATA COMPUTER SYSTEM** **TR: Applicable F-117 -2 series TOs**											
A6.16.1 System Description								-	-	-	-
A6.16.2 System Operation								-	-	-	-
A6.16.3 System Theory								-	-	-	-
A6.16.4 Trace signal/data flow								-	-	-	-
A6.16.5 Perform operational checkout and BIT	*							-	-	-	-
A6.16.6 Isolate malfunctions		*						-	-	-	-
A6.16.7 Remove system LRU(s)								-	-	-	-
A6.16.8 Install system LRU(s)								-	-	-	-
A6.17 **RADAR ALTIMETER** **TR: Applicable F-117-2 and –34 series TOs**											
A6.17.1 System Description								-	-	-	-
A6.17.2 System Operation								-	-	-	-
A6.17.3 System Theory								-	-	-	-
A6.17.4 Trace signal/data flow								-	-	-	-
A6.17.5 Perform operational checkout and BIT	*							-	-	-	-
A6.17.6 Isolate malfunctions		*						-	-	-	-
A6.17.7 Remove system LRU(s)								-	-	-	-
A6.17.8 Install system LRU(s)								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify requirements and annotate qualifications.											
NOTE 2: All task/knowledge taught in the initial skills courses will be taught in the wartime initial skills courses. The 7-level in-residence course is not taught during wartime.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Core Tasks are identified by an asterisk (*) in the appropriate column.											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN: 736-7899.											
A7.1 **AIRCRAFT GENERAL TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.1.1 Perform Aircraft Pack Up procedure								-	-	-	-
A7.1.2 Perform Aircraft Set Up Procedures								-	-	-	-
A7.1.3 Perform Ground Handling											
A7.1.3.1 Pre-Flight inspection								-	-	-	-
A7.1.3.2 Post-Flight inspection								-	-	-	-
A7.1.3.3 Through-Flight inspection								-	-	-	-
A7.1.3.4 Service Oil								-	-	-	-
A7.1.3.5 Service Coolant								-	-	-	-
A7.1.3.6 Tire Servicing								-	-	-	-
A7.1.3.7 Tow aircraft:											
A7.1.3.7.1 Push aircraft								-	-	-	-
A7.1.3.7.2 Steer aircraft								-	-	-	-
A7.1.3.8 Remove											
A7.1.3.8.1 Aircraft Panel								-	-	-	-
A7.1.3.8.2 Hour Meter								-	-	-	-
A7.1.3.9 Install											
A7.1.3.9.1 Aircraft Panel								-	-	-	-
A7.1.3.9.2 Hour Meter								-	-	-	-
A7.1.3.10 Perform Direct Connect Datalink Test								-	-	-	-
A7.1.3.11 Perform aircraft Power Up and Power Down Procedures								-	-	-	-
A7.2 **LANDING GEAR SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.2.1 System Description								-	-	-	-
A7.2.2 System Operation								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.2.3 Remove system LRU(s)								-	-	-	-
A7.2.4 Install system LRU(s)								-	-	-	-
A7.2.5 Perform rigging								-	-	-	-
A7.2.6 Perform operational checks								-	-	-	-
A7.2.7 Use test equipment								-	-	-	-
A7.3 **BRAKE SYSTEM** **TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.3.1 System Description								-	-	-	-
A7.3.2 System Operation								-	-	-	-
A7.3.3 Remove system LRU(s)								-	-	-	-
A7.3.4 Install system LRU(s)								-	-	-	-
A7.3.5 Perform rigging								-	-	-	-
A7.3.6 Perform operational checks								-	-	-	-
A7.4 **AIRCRAFT FUEL SYSTEM** **TR: 1Q-1 (R/M) A/B-2 series TOs**											
A7.4.1 System Description								-	-	-	-
A7.4.2 System Operation								-	-	-	-
A7.4.3 System Theory								-	-	-	-
A7.4.4 Perform Operational Check											
A7.4.4.1 Fuel Level Sensor Test								-	-	-	-
A7.4.4.2 Fuel Pressure Regulator Test								-	-	-	-
A7.4.5 Perform Fuel Calibration Procedures	*							-	-	-	-
A7.4.6 Isolate malfunctions								-	-	-	-
A7.4.7 Remove System LRU(s)											
A7.4.7.1 Fuel Level Sensors								-	-	-	-
A7.4.7.2 Fuel Pressure Sensor								-	-	-	-
A7.4.7.3 Fuel Pressure Regulator								-	-	-	-
A7.4.7.4 Fuel Feed Tray								-	-	-	-
A7.4.7.5 Fuel Return Tray								-	-	-	-
A7.4.7.6 Fuel Pump								-	-	-	-
A7.4.8 Install System LRU(s)											
A7.4.8.1 Fuel Level Sensors								-	-	-	-
A7.4.8.2 Fuel Pressure Sensor								-	-	-	-
A7.4.8.3 Fuel Pressure Regulator								-	-	-	-
A7.4.8.4 Fuel Feed Tray								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.4.8.5 Fuel Return Tray								-	-	-	-
A7.4.8.6 Fuel Pump								-	-	-	-
A7.5 **ENGINE IGNITION SYSTEM** **TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.5.1 System Description								-	-	-	-
A7.5.2 System Operation								-	-	-	-
A7.5.3 System Theory								-	-	-	-
A7.5.4 Perform Operational Check								-	-	-	-
A7.5.5 Isolate malfunctions								-	-	-	-
A7.5.6 Remove System LRU(s)											
A7.5.6.1 Ignition Module and Harness Assembly								-	-	-	-
A7.5.6.2 Ignition Relay Box								-	-	-	-
A7.5.6.3 Ignition Kill Switch								-	-	-	-
A7.5.7 Install System LRU(s)											
A7.5.7.1 Ignition Module and Harness Assembly								-	-	-	-
A7.5.7.2 Ignition Relay Box								-	-	-	-
A7.5.7.3 Ignition Kill Switch								-	-	-	-
A7.6 **ENGINE SYSTEM MAINTENANCE** **TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.6.1 System Description								-	-	-	-
A7.6.2 System Operation								-	-	-	-
A7.6.3 System Theory								-	-	-	-
A7.6.4 Perform Engine Run								-	-	-	-
A7.6.5 Remove System LRU(s)								-	-	-	-
A7.6.5.1 Engine								-	-	-	-
A7.6.5.2 Carburators								-	-	-	-
A7.6.5.3 Fuel Injection Nozzle								-	-	-	-
A7.6.6 Install System LRU(s)											
A7.6.6.1 Engine								-	-	-	-
A7.6.6.2 Carburators								-	-	-	-
A7.6.6.3 Fuel Injection Nozzle								-	-	-	-
A7.6.7 Perform Inspections											
A7.6.7.1 50 hour inspection								-	-	-	-
A7.6.7.2 150 hour inspection								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.6.7.3 300 hour inspection								-	-	-	-
A7.6.8 Perform Concentricity / Perpendicularity checks								-	-	-	-
A7.7 **ENGINE LUBRICATION SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.7.1 System Description								-	-	-	-
A7.7.2 System Operation								-	-	-	-
A7.7.3 System Theory								-	-	-	-
A7.7.4 Perform operational checks								-	-	-	-
A7.7.5 Remove System LRU(s)								-	-	-	-
A7.7.6 Install System LRU(s)								-	-	-	-
A7.8 **ENGINE SENSORS TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.8.1 System Description								-	-	-	-
A7.8.2 System Operation								-	-	-	-
A7.8.3 System Theory								-	-	-	-
A7.8.4 Remove engine sensors								-	-	-	-
A7.8.5 Install engine sensors								-	-	-	-
A7.9 **VARIABLE PITCH PROPELLER SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.9.1 System Description								-	-	-	-
A7.9.2 System Operation								-	-	-	-
A7.9.3 System Theory								-	-	-	-
A7.9.4 Remove LRUs								-	-	-	-
A7.9.5 Install LRUs								-	-	-	-
A7.9.6 Perform rigging								-	-	-	-
A7.9.7 Perform Adjustment								-	-	-	-
A7.10 **ELECTRICAL POWER AND DISTRIBUTION SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.10.1 System Description								-	-	-	-
A7.10.2 System Operation								-	-	-	-
A7.10.3 System Theory								-	-	-	-
A7.10.4 Perform Inspection								-	-	-	-
A7.10.5 Perform Operational Check											
A7.10.5.1 Ground Power								-	-	-	-
A7.10.5.2 Battery Power								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.10.5.3 PPDM								-	-	-	-
A7.10.5.4 System Temperature								-	-	-	-
A7.10.6 Isolate malfunctions.								-	-	-	-
A7.10.7 Remove System LRU(s)											
A7.10.7.1 Power Supply								-	-	-	-
A7.10.7.2 Battery	*							-	-	-	-
A7.10.7.3 Alternator Terminal Block								-	-	-	-
A7.10.7.4 Current Sense Module								-	-	-	-
A7.10.7.5 Monitor Board								-	-	-	-
A7.10.8 Install System LRU(s)											
A7.10.8.1 Power Supply								-	-	-	-
A7.10.8.2 Battery	*							-	-	-	-
A7.10.8.3 Alternator Terminal Block								-	-	-	-
A7.10.8.4 Current Sense Module								-	-	-	-
A7.10.8.5 Monitor Board								-	-	-	-
A7.10.9 Perform aircraft battery reconditioning								-	-	-	-
A7.11 **AIRCRAFT DIGITAL CONTROL SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.11.1 System Description								-	A	-	-
A7.11.2 System Operation								-	-	-	-
A7.11.3 System Theory								-	-	-	-
A7.11.4 Perform Operational checkout	*							-	-	-	-
A7.11.5 Isolate malfunctions		*						-	-	-	-
A7.11.6 Remove System LRU(s)											
A7.11.6.1 Primary Control Module (PCM)								-	-	-	-
A7.11.6.2 Secondary Control Module (SCM)								-	-	-	-
A7.11.6.3 Network Junction Board								-	-	-	-
A7.11.6.4 Wing Control Modules								-	-	-	-
A7.11.6.5 PCM Cooling Fan								-	-	-	-
A7.11.7 Install System LRU(s)											
A7.11.7.1 Primary Control Module (PCM)								-	-	-	-
A7.11.7.2 Secondary Control Module (SCM)								-	-	-	-
A7.11.7.3 Network Junction Board								-	-	-	-
A7.11.7.4 Wing Control Modules								-	-	-	-
A7.11.7.5 PCM Cooling Fan								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.12 **AN/ARC-210 RADIO TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.12.1 System Description								-	-	-	-
A7.12.2 System Operation								-	-	-	-
A7.12.3 System Theory								-	-	-	-
A7.12.4 Perform Operational checks								-	-	-	-
A7.12.5 Isolate Malfunctions								-	-	-	-
A7.12.6 Remove LRU(s)								-	-	-	-
A7.12.7 Install LRU(s)								-	-	-	-
A7.13 **AN/APX-100 IDENTIFICATION FRIEND OR FOE (IFF) SYSTEM TR: Applicable MQ/RQ-2 series TOs**											
A7.13.1 System Description								-	-	-	-
A7.13.2 System Operation								-	-	-	-
A7.13.3 System Theory								-	-	-	-
A7.13.4 Perform Operational checks								-	-	-	-
A7.13.5 Isolate malfunctions								-	-	-	-
A7.13.6 Use test equipment								-	-	-	-
A7.13.7 Load Encryption Codes								-	-	-	-
A7.13.8 Remove system LRU(s)								-	-	-	-
A7.13.9 Install system LRU(s)								-	-	-	-
A7.13.10 Perform Mode 4 check								-	-	-	-
A7.14 **C-BAND AIRBORNE DATALINK TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.14.1 System Description								-	A	-	-
A7.14.2 System Operation								-	-	-	-
A7.14.3 System Theory								-	-	-	-
A7.14.4 Perform Operational Check								-	-	-	-
A7.14.4.1 C-Band Ground Data Terminal								-	-	-	-
A7.14.4.2 Directional Antenna Control								-	-	-	-
A7.14.5 Isolate malfunctions								-	-	-	-
A7.14.6 Remove system LRU(s)								-	-	-	-
A7.14.7 Install system LRU(s)								-	-	-	-
A7.15 **KU-BAND SATCOM DATALINK TR: 1Q-1(R/M) A/B-2 series TOs**											

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.15.1 System Description								-	A	-	-
A7.15.2 System Operation								-	-	-	-
A7.15.3 System Theory								-	-	-	-
A7.15.4 Perform Operational Check	*							-	-	-	-
A7.15.5 Isolate malfunctions								-	-	-	-
A7.15.6 Remove system LRU(s)								-	-	-	-
A7.15.7 Install system LRU(s)								-	-	-	-
A7.16 **SYNTHETIC APERTURE RADAR SYSTEM (SAR) TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.16.1 System Description								-	A	-	-
A7.16.2 System Operation								-	-	-	-
A7.16.3 System Theory								-	-	-	-
A7.16.4 Perform Operational Checkout								-	-	-	-
A7.16.5 Isolate malfunctions								-	-	-	-
A7.16.6 Remove system LRU(s)								-	-	-	-
A7.16.7 Install system LRU(s)								-	-	-	-
A7.17 **NAVIGATION GUIDANCE & CONTROL SYSTEMS TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.17.1 System Description								-	A	-	-
A7.17.2 System Operation								-	-	-	-
A7.17.3 System Theory								-	-	-	-
A7.17.4 Perform Operational Checkouts											
A7.17.4.1 Primary AOA	*							-	-	-	-
A7.17.4.2 Airspeed and Altitude	*							-	-	-	-
A7.17.4.3 Pitot and Static Heater	*							-	-	-	-
A7.17.4.5 Heading Indication	*							-	-	-	-
A7.17.4.6 INS/GPS Primary Function	*							-	-	-	-
A7.17.4.7 Secondary GPS Function	*							-	-	-	-
A7.17.4.8 Yaw Rate Gyroscope	*							-	-	-	-
A7.17.4.9 Accelerometer	*							-	-	-	-
A7.17.4.10 INS/GPS Heading	*							-	-	-	-
A7.17.4.11 INS/GPS Yaw Rate	*							-	-	-	-
A7.17.4.12 Outside Air Temperature (OAT) Sensor	*							-	-	-	-
A7.17.5 Use test equipment								-	-	-	-
A7.17.6 Perform AOA Sensor Adjustment								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.17.7 Remove System LRU(s)								-	-	-	-
A7.17.8 Install System LRU(s)								-	-	-	-
A7.18 **FLIGHT CONTROL SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.18.1 System Description								-	A	-	-
A7.18.2 System Operation								-	A	-	-
A7.18.3 System Theory								-	-	-	-
A7.18.4 Perform Operational Checkout	*							-	-	-	-
A7.18.5 Isolate malfunctions		*						-	-	-	-
A7.18.6 Perform Servo Rig Adjustments	*							-	-	-	-
A7.18.7 Remove system LRU(s)											
A7.18.7.1 Wing								-	-	-	-
A7.18.7.2 Other LRU(s)								-	-	-	-
A7.18.8 Install system LRU(s)											
A7.18.8.1 Wing								-	-	-	-
A7.18.8.2 Other LRU(s)								-	-	-	-
A7.19 **AIRCRAFT LIGHTING SYSTEM TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.19.1 System Description								-	-	-	-
A7.19.2 System Operation								-	-	-	-
A7.19.3 System Theory								-	-	-	-
A7.19.4 Perform Operational Checks	*							-	-	-	-
A7.19.5 Isolate malfunctions.		*						-	-	-	-
A7.19.6 Remove system LRUs								-	-	-	-
A7.19.7 Install system LRUs								-	-	-	-
A7.20 **EO/IR RECONNAISSANCE PAYLOAD SYSTEM TR: 1Q-1(R/M) A/B-2**											
A7.20.1 System Description								-	A	-	-
A7.20.2 System Operation								-	-	-	-
A7.20.3 System Theory								-	-	-	-
A7.20.4 Perform Operational Checkout	*							-	-	-	-
A7.20.5 Isolate malfunctions		*						-	-	-	-
A7.20.6 Remove system LRU(s)											
A7.20.6.1 EO/IR Payload								-	-	-	-
A7.20.6.2 EO/IR Payload ECU								-	-	-	-

F-117 TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A7.20.7 Install system LRU(s)											
A7.20.7.1 EO/IR Payload								-	-	-	-
A7.20.7.2 EO/IR Payload ECU								-	-	-	-
A7.21 **VIDEO DATA SYSTEM** **TR: 1Q-1(R/M) A/B-2 series TOs**											
A7.21.1 System Description								-	-	-	-
A7.21.2 System Operation								-	-	-	-
A7.21.3 System Theory								-	-	-	-
A7.21.4 Perform Operational Checks											
A7.21.4.1 Nose Camera Lens Heater	*							-	-	-	-
A7.21.4.2 Nose / Chin Camera								-	-	-	-
A7.21.5 Isolate malfunctions								-	-	-	-
A7.21.6 Remove System LRU(s)								-	-	-	-
A7.21.7 Install System LRU(s)								-	-	-	-
A7.22 **PREDATOR SUPPORT EQUIPMENT**											
A7.22.1 Starter/Power Cart											
A7.22.1.1 Perform pre-use inspection								-	-	-	-
A7.22.1.2 Use								-	-	-	-
A7.22.2 Refuel/Defuel Cart											
A7.22.2.1 Perform pre-use inspection								-	-	-	-
A7.22.2.2 Use								-	-	-	-
A7.22.3 Casp 2000 Battery Charger											
A7.22.3.1 Perform pre-use inspection								-	-	-	-
A7.22.3.2 Use								-	-	-	-
A7.22.4 Hoist											
A7.22.4.1 Perform pre-use inspection								-	-	-	-
A7.22.4.2 Use								-	-	-	-
A7.22.5 Single Bay Station											
A7.22.5.1 Perform pre-use inspection								-	-	-	-
A7.22.5.2 Use								-	-	-	-
A7.23 **RQ-4 SYSTEMS** **TR: Applicable RQ-4 -2 series TOs**											
A7.23.1 General aircraft systems								-	-	-	-
A7.23.1 Aircraft avionic systems								-	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
NOTE 1: This attachment identifies the Air Force standardized STS electronic fundamentals and applications entries.											
NOTE 2: Only those electronic fundamentals and applications items in column 4 that have a training code in the 3- or 7-level or CDC columns are trained to that specified level.											
NOTE 3: Users may annotate additional devices or circuits not identified by this attachment that are specific to their AFSC IAW AFI 36-2201. Users may annotate lists of TRs to identify current references pending STS revision.											
NOTE 4: Items in column 1, marked with a single asterisk (*) are the task/knowledge that are trained in resident wartime courses to the proficiency levels listed in column 4a. Items with a dash (-) in columns 4a are not trained in the resident wartime course.											
A8.1 **ELECTRONIC SUPPORT SUBJECTS** **TR: TOs 00-24-234 and 31-1-141-1**											
A8.1.1 Safety								B	B	-	-
A8.1.2 First Aid								B	-	-	-
A8.1.3 Electrostatic Discharge (ESD) Control								B	B	-	-
A8.1.4 Electromagnetic Effects (EMP/EMI)								B	-	-	-
A8.1.5 Metric Notation											
A8.1.5.1 Powers of Ten								B	-	-	-
A8.1.5.2 Electrical Prefixes								B	-	-	-
A8.2 **USE TEST EQUIPMENT** **TR: TOs 31-1-141-1, 31-1-141-7, 31-141-1-8, 31-1-141-9, and 31-1-141-10**											
A8.2.1 Analog Multi-meter								2b	-	-	-
A8.2.2 Digital Multi-meter								2b	-	-	-
A8.3 **BASIC CIRCUITS** **TR: TO 31-1-141-5**											
A8.3.1 Direct Current (DC)											
A8.3.1.1 Terms								B	-	-	-
A8.3.1.2 Theory								B	-	-	-
A8.3.1.3 Calculations								B/-	-	-	-
A8.3.2 Alternating Current (AC)											
A8.3.2.1 Terms								B			
A8.3.2.2 Theory								B	-	-	-
A8.3.2.3 Calculations								B/-	-	-	-
A8.4 **BASIC CIRCUIT COMPONENTS** **TR: TOs 31-1-141-2, 31-1-141-5, and 31-1-141-15**											
A8.4.1 Resistors											
A8.4.1.1 Theory								B	-	-	-
A8.4.1.2 Color code								B	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A8.4.1.3 Troubleshoot								2b	-	-	-
A8.4.2 Inductors TR: TOs 31-1-141-2, 31-1-141-5 and 31-1-141-15											
A8.4.2.1 Theory								B	-	-	-
A8.4.2 .2 Troubleshoot								2b	-	-	-
A8.4.3 Capacitors											
A8.4.3.1 Theory								B	-	-	-
A8.4.3.2 Troubleshoot								2b	-	-	-
A8.4.4 Resistive-Capacitive-Inductive (RCL) Circuits Theory								-	-	-	
A8.5 **ELECTROMAGNETIC DEVICES** **TR: TOs 31-1-141-2, 31-1-141-3, 31-1-141-5, 31-1-141-9, 31-1-141-13, and 31-1-141-15**											
A8.5.1 Transformers											
A8.5.1.1 Theory								B	-	-	-
A8.5.1.2 Troubleshoot								2b	-	-	-
A8.5.2 Relays and Solenoids											
A8.5.2.1 Theory								B	B	-	-
A8.5.2.2 Troubleshoot								2b	-	-	-
A8.5.3 Motor Theory											
A8.5.3.1 DC								B	-	-	-
A8.5.3.2 AC								B	-	-	-
A8.5.4 Generator Theory											
A8.5.4.1 DC								B	-	-	-
A8.5.4.2 AC								B	-	-	-
A8.5.5 Synchro/Servo											
A8.5.5.1 Theory								B	-	-	-
A8.5.5.2 Fault Isolate								b	-	-	-
A8.5.6 Transducers								B	-	-	-
A8.6 **SOLID STATE DEVICES** **TR: TOs 31-1-141-4 and 31-1-141-15**											
A8.6.1 Diodes											
A8.6.1.1 Theory								B	-	-	-
A8.6.1.2 Troubleshoot								2b	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A8.6.2 Bipolar Junction Transistors TR: TO 31-1-141-4											
A8.6.2.1 Theory								B	-	-	-
A8.6.2.2 Troubleshoot								2b	-	-	-
A8.6.3 Special Purpose Device Theory TR: TO 31-1-141-4											
A8.6.3.1 Zener Diode								B	-	-	-
A8.6.3.2 Light Emitting Diode (LED)								B	-	-	-
A8.6.3.3 Liquid Crystal Display (LCD)								B	-	-	-
A8.6.3.4 Integrated Circuits (IC)								B	-	-	-
A8.7 **TRANSISTOR AMPLIFIER CIRCUITS** **TR: TOs 31-1-141-1 and 31-1-141-4**								-	-	-	-
A8.8 **POWER SUPPLY CIRCUITS** **TR: TOs 31-1-141-3, 31-1-141-4, 31-1-141-9 and 31-1-141-15**											
A8.8.1 Theory											
A8.8.1.1 Rectifiers								B	-	-	-
A8.8.1.2 Filters								B	-	-	-
A8.8.1.3 Voltage Regulators								B	-	-	-
A8.9 **WAVE GENERATING CIRCUIT** **TR: TOs 31-1-141-3, 31-1-141-4 and 31-1-141-10**											
A8.9.1 Theory											
A8.9.1.1 Oscillators								B	-	-	-
A8.9.1.2 Multi-vibrators								B	-	-	-
A8.9.1.3 Waveshaping Circuits								B	-	-	-
A8.10 **DIGITAL NUMBERING SYSTEMS** **TR: TO 31-1-141-5**											
A8.10.1 Conversions											
A8.10.1.1 Binary								B	B	-	-
A8.10.1.2 Octal								-	-	-	-
A8.10.1.3 Hexadecimal								B	B	-	-
A8.10.1.4 Binary Coded Decimal								-	-	-	-
A8.10.2 Binary Math Operations								-	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A8.11 **DIGITAL LOGIC CIRCUITS** **TR: TOs 31-1-141-4, 31-1-141-5, AND 31-141-1-13**											
A8.11.1 Theory											
A8.11.1.1 Gates								B	-	-	-
A8.11.1.2 Flip Flops								B	-	-	-
A8.11.2 Digital to Analog (DA) and Analog to Digital (AD) Converters Theory								A	-	-	-
A8.12 **BASIC COMPUTER FUNDAMENTALS** **TR: TOs 31-1-141-6c and 31-1-141-9**											
A8.12.1 Computer Theory											
A8.12.1.1 Hardware								B	-	-	-
A8.12.1.2 Software											
A8.12.1.2.1 Operating Systems								B	-	-	-
A8.12.1.2.2 Virus Protection								B	-	-	-
A8.12.1.2.3 Diagnostics								B	-	-	-
A8.12.1.2.4 Applications								B	-	-	-
A8.12.1.3 Peripherals								B	-	-	-
A8.12.2 Network Theory								-	-	-	-
A8.13 **BASIC COMMUNICATIONS THEORY** **TR: TOs 31-1-141-4, 31-1-141-9, AND 31-141-1-13**											
A8.13.1 Antenna								B	-	-	-
A8.13.2 Transmission Lines								B	-	-	-
A8.13.3 Waveguide								B	-	-	-
A8.13.4 Transmitters											
A8.13.4.1 Amplitude Modulation (AM)								B	-	-	-
A8.13.4.2 Frequency Modulation (FM)								B	-	-	-
A8.13.5 Receivers											
A8.13.5.1 Amplitude Modulation (AM)								B	-	-	-
A8.13.5.2 Frequency Modulation (FM)								B	-	-	-
A8.14 **SOLDER AND DESOLDER** **TR: TOs 00-25-234 and 1-1A-14**											
A8.14.1 Terminal Connection								2b	-	-	-
A8.14.2 Printed Circuit Board (PCB)								2b	-	-	-
A8.14.3 Multi-pin Connector								2b	-	-	-
A8.14.4 Coaxial Connector								2b	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
A8.15 **ASSEMBLE SOLDERLESS CONNECTORS** **TR: TO 1-1A-14**											
A8.15.1 Crimped Connection								2b	-	-	-
A8.15.2 Coaxial Connector								2b	-	-	-
A8.15.3 Multi-pin Connector								2b	-	-	-

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(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 CDCs.											
NOTE 5: All items are SUBJECT KNOWLEDGE LEVELS only and require no certification on this STS.											
AA.1 **MANAGEMENT WITHIN THE MAINTENANCE COMPLEX** **TR: AFI 21-101, AFI 21-118 and specific MAJCOM guidance**											
AA.1.1 Functions of the Maintenance Complex								-	-	-	B
AA.1.2 Operations / Logistics Group Commander Responsibilities TR: AFI 38-101, AFPD 38-1								-	-	-	B
AA.1.3 Accountability and Core Values								-	-	-	B
AA.1.4 Aircraft Maintenance Management Information Systems								-	-	-	B
AA.1.5 Maintenance Analysis								-	-	-	B
AA.1.6 Compliance and Standardization Requirements Listings								-	-	-	A
AA.1.7 Maintenance Quality Performance Measures (QPM) Relationships								-	-	-	B
AA.1.8 Health-of-the-Fleet Metrics								-	-	-	B
AA.1.9 Foreign Object Damage (FOD) Program Manager TR: AFI 21-101								-	-	-	A
AA.1.10 Joint Oil Analysis Program TR: T.O. 33-1-37-1								-	-	-	B
AA.1.11 Mobility								-	-	-	A
AA.1.12 Hazard Declarations for Mobility Packages TR: AFMAN 24-204								-	-	-	A
AA.1.13 Hazardous Material Handling Procedures TR: AFJMAN 24-204, AFI 91-301, AFI 24-202, AFMAN 23-110								-	-	-	B
AA.1.14 Production Supervisor, Flight Chief and Expediter Duties and Responsibilities								-	-	-	B
AA.1.15 Special Certification Rosters								-	-	-	B
AA.1.16 Maintenance Incident Investigation and Prevention TR: AFI 91-204								-	-	-	B

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
AA.1.17 Aircraft Impoundment TR: AFI 91-204								-	-	-	A
AA.1.18 Operational Risk Management (ORM) TR: AFPD 90-9, AFI 90-901, AFPAM 90-902								-	-	-	B
AA.1.19 Restricted Maintenance Areas								-	-	-	A
AA.1.20 Force Protection TR: AFDD 2-4.1								-	-	-	A
AA.1.21 Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC TR: AFI 33-211, AFI 10-1101, AFI 33-202								-	-	-	B
AA.1.22 Proper Handling of Classified Assets TR: AFI 31-101								-	-	-	A
AA.1.23 Aircraft Inspection Concepts TR: TO 00-20-5								-	-	-	B
AA.2 **ENLISTED SPECIALTY TRAINING** **TR: AFI 36-2201 and MAJCOM directives**											
AA.2.1 Training Management and Records								-	-	-	B
AA.2.2 Automated Training Records								-	-	-	B
AA.2.3 Career Field Education and Training Plan (CFETP)								-	-	-	B
AA.2.4 Specialty Training Standard (STS)								-	-	-	B
AA.2.5 Occupational Survey Report (OSR)								-	-	-	B
AA.2.6 Utilization and Training Workshop (U&TW)								-	-	-	B
AA.2.7 Training Forecast / Request								-	-	-	A
AA.2.8 Training Waiver Process								-	-	-	B
AA.2.9 Field Evaluation Questionnaire (FEQ) and Graduate Assessment Survey								-	-	-	A
AA.3 **ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS** **TR: AFI 21-109, TO 00-35D-54, TO 00-20 Series and applicable MAJCOM guidance**											
AA.3.1 Historical Records								-	-	-	B
AA.3.2 Minimum Essential Configuration Management (MESL)								-	-	-	B
AA.3.3 Automated Maintenance Systems								-	-	-	A

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
AA.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
AA.3.5	Core Automated Maintenance System (CAMS) TR: AFM 66-279 Vol. I-XXVII, T.O. 00-20-2								-	-	-	B
AA.3.6	Job Data Documentation (JDD)								-	-	-	B
AA.3.7	Air Force Technical Order (AFTO) Forms 781 and 244 / 245								-	-	-	B
AA.3.8	Configuration Management								-	-	-	B
AA.3.9	Aircraft / Equipment Modifications								-	-	-	B
AA.3.10	Nuclear Surety TR: AFI 91-101								-	-	-	B
AA.3.11	Dull Sword Reporting TR: AFI 91-204								-	-	-	B
AA.4	**SUPPLY MANAGEMENT** **TR: DOD 7200-10, AFM 67-1, AFMAN 23-220, AFMAN 23-110 and applicable MAJCOM guidance**											
AA.4.1	Maintenance Supply Concept TR: AFMAN 23-110								-	-	-	B
AA.4.2	Supply Documents Management								-	-	-	B
AA.4.3	Precious Metal Program TR: AFMAN 23-110								-	-	-	A
AA.4.4	Bench Stock								-	-	-	A
AA.4.5	Air Force Technical Order (AFTO) 375								-	-	-	A
AA.4.6	Quick Reference List (QRL)								-	-	-	A
AA.4.7	Standard Base Supply System (SBSS) TR: AFMAN 23-110								-	-	-	B
AA.4.8	Integrated Logistic System-Supply (ILS-S) and Global Combat Support System (GCSS) TR: AFMAN 23-110								-	-	-	A
AA.4.9	Priority Systems								-	-	-	B
AA.4.10	Repair Cycle Assets								-	-	-	B
AA.4.11	Report of Survey, Statement of Charges								-	-	-	B
AA.4.12	Equipment Account Management								-	-	-	B

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
AA.4.13	Custodian Authorization/Custody Receipt Listing (CA/CRL)								-	-	-	A
AA.4.14	Precision Measurement Equipment Laboratory (PMEL)								-	-	-	A
AA.4.15	Computer System Management TR: AFI 33-112								-	-	-	A
AA.4.16	Special Purpose Recoverable Authorized Maintenance (SPRAM) TR: AFMAN 23-110								-	-	-	A
AA.4.17	Air Force Management System (AFEMS)								-	-	-	A
AA.4.18	Status of Resources and Training (SORTS)								-	-	-	A
AA.4.19	Land Mobile Radios, Pagers, Cell Phones TR: AFI 33-106								-	-	-	A
AA.4.20	Shelf Life Program TR: AFMAN 23-110								-	-	-	A
AA.4.21	Hazardous Materials (HAZMAT) TR: Applicable AFOSH STD's, AFI's and MAJCOM guidance								-	-	-	B
AA.4.22	Qualified Products Listing								-	-	-	B
AA.5	LOGISTICS AND RESOURCE MANAGEMENT AFPD 21-1											
AA.5.1	Logistics Management								-	-	-	B
AA.5.2	Agile Logistics								-	-	-	A
AA.5.3	Two-Level Maintenance (2LM)								-	-	-	A
AA.5.4	Execution and Prioritization of Repair System (EXPRESS)								-	-	-	A
AA.5.5	Readiness Based Leveling (RBL) TR: AFMAN 23-110								-	-	-	A
AA.5.6	Resource Management								-	-	-	B
AA.5.7	Air Force Government-Wide Purchase Card Program and Air Force Form 9 TR: AFI 67-117								-	-	-	A
AA.5.8	Air Force Enhancement Program (AFREP) TR: AFI 21-123								-	-	-	A
AA.5.9	Financial Plan (FIN Plan)								-	-	-	A
AA.5.10	Appropriation (APPN) 3400 and 3080 Budgeting								-	-	-	A
AA.5.11	Budget Line 3010								-	-	-	A

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
AA.5.12	Air Force Materiel Command (AFMC) Responsibilities								-	-	-	A
AA.5.13	Developmental Test and Evaluation (DT&E) Operational Test and Evaluation (OT&E)								-	-	-	A
AA.5.14	Defense Logistics Agency								-	-	-	A
AA.5.15	Special Experience Identifier (SEI) TR: AFMAN 36-2108								-	-	-	B
AA.5.16	Unit Manpower Document (UMD) and Unit Management Personnel Roster (UMPR)								-	-	-	A
AA.5.17	Manning Standards, and Logistics Composite Model (LCOM) TR: AFI 38-201, AFMAN 38-208								-	-	-	A
AA.5.18	Technical Order Management								-	-	-	B
AA.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
AA.5.20	Air Force Technical Order Forms 22, 27, 110, 158								-	-	-	A
AA.5.21	Automated Technical Order Management System (ATOMS) TR: TO 00-5-2								-	-	-	A
AA.5.22	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15								-	-	-	A
AA.5.23	Centralized Technical Order Management Organization (CTOM) TR: TO 00-5-1								-	-	-	A
AA.5.24	Joint Computer –aided Acquisition and Logistic Support (JCALS)								-	-	-	A
AA.5.25	Electronic Technical Orders								-	-	-	A
AA.5.26	Deficiency Reporting (Hardware and Software) Product Quality Deficiency Reporting System (PQDR), TR: TO 00-35D-54								-	-	-	B
AA.5.27	Reporting of Deficiency (ROD)								-	-	-	B
AA.5.28	Bad Actor Program TR: TO 00-20-1, TO 00-35D-54								-	-	-	A

ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

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 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
AA.5.29	Technical Improvement Product Working Group (TIPWG), System Training Plan (STP), Program Management Review (PMR)								-	-	-	A
AA.5.30	Corrosion Prevention Advisory Board (CPAB) TR: AFI 21-105								-	-	-	A
AA.6	COMPUTER APPLICATION											
AA.6.1	Using Applications								-	-	-	B
AA.6.2	Form Flow								-	-	-	B
AA.6.3	Air Force Electronic Publishing Library (AFEPL)								-	-	-	B
AA.6.4	World Wide Web (www), Internet								-	-	-	B
AA.6.5	Local Area Networks (LAN)								-	-	-	B

CAREER FIELD EDUCATION AND TRAINING PLAN
F-16/F-117/CV-22/MQ/RQ-1 AVIONIC SYSTEMS
AFSC 2A3X2

PART II

SECTION B – COURSE OBJECTIVE LIST

4. Measurement: Each objective is indicated as follows: **W** indicates task or subject knowledge which is measured using a written test, **PC** indicates required task performance which is measured with a performance progress check, and **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 progress checklist. 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.

6. Proficiency Level: A complete listing of the MRT tasks is in the STS portion of this CFETP. They are identified by the "3b" ("3" - Can do all parts of the task. Needs only a spot check of completed work and "b" - Can determine step-by-step procedures for doing the task) proficiency code in the 3-level column. The MRT program is designed to certify basic students at the "3b" level on selected aircraft specific tasks at the technical school so they will be productive immediately upon arrival at their first duty section. Other task performance is taught to the "2b" proficiency level which means the students 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.

7. Course Objectives: A detailed listing of the initial skills and craftsman course objectives may be obtained by submitting a written request to the AETC Training Manager (2A3X2), 365 TRS/TRR, 609 9th Ave, Sheppard AFB TX 76311-2335.

SECTION C - SUPPORT MATERIAL

8. Purpose: The following list of support materials is not all-inclusive across the specialty; 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 Education and Training Course Announcements, for formal courses listed below. Course announcements may be found on web site https://etca@.randolph.af.mil

8.1 TRAINING DETACHMENT COURSES:

COURSE NUMBER	PDS	TITLE	OPR
J4AMF/ASF/AST 2A3X2-005	1IR	F-117A Tactical Aircraft Wire Systems	372 TRS/TXC 912 I Ave Sheppard AFB,TX
J4AMF/ASF/AST 2A3X2-009	4I1	F-16 Attack Control/Com/Nav/Pen Aids (C/D Difference)	Same as above
J4AMF/ASF/AST 2A3X2-013	910	F-117A Integrated Avionics Maintenance System (CROSS)	Same as above
J4AMF/ASF/AST 2A3X2-014	EI0	lF-16 Integrated Avionics & Digital Flight Control System (Blk 40/42) (Delta)	Same as above
J4AMF/ASF/AST 2A3X2-015	G4I	F-117A Aircraft Integrated Avionics Maintenance Systems	Same as above
J4AMF/ASF/AST 2A3X2-016	EI4	F-16 Integrated Avionics (Combat Upgrade Program Integration Detail) (CUPID)	Same as above
J4AMF/ASF/AST 2A3X1-018	I2P	F-16 (Block 40) Improved Data Modem (IDM)	Same as above
J4AMF/ASF/AST 2A3X1-019	I1Y	MQ/RQ-1L Predator Avionics Systems	Same as above
J4AMF/ASF/AST 2A3X2-020	IH2	F-16 (Block 50/52) Phase I – Common Configuration Implementation Program (CCIP)	Same as above

COURSE NUMBER	PDS	TITLE	OPR
J4AMF/ASF/AST 2A3X2A-006	751	F-16 C/D (Blks 40/42) (Attack Control) (CROSS)	Same as above
J4AMF/ASF/AST 2A3X2A-007	EDI	F-16 C/D (Blks 30/32) Attack Control (CROSS)	Same as above
J4AMF/ASF/AST 2A3X2A-008	ECI	F-16 C/D (Blks 50/52) Attack Control (CROSS)	Same as above
J4AMF/ASF/AST 2A3X2B-001	768	F-16 Instrument and Flight Controls (CROSS) (Blks 40/42;50/52)	Same as above
J4AMF/ASF/AST 2A3X2B-003	806	F-16 (Blks 30/32) Instrument and Flight Controls (CROSS)	Same as above
J4AMF/ASF/AST 2A3X2B-004	CLI	F-16 C/D Instrument and Flight Controls (Blk 30/32 and earlier Aircraft)	Same as above
J4AMF/ASF/AST 2A3X2C-003	I32	F-16 (Block 30) Communications, Navigation and Penetrating Aids (Cross)	Same as above
J4AMF/ASF/AST 2A3X2C-004	I33	F-16 (Block 40/50) Communications, Navigation and Penetrating Aids (Cross)	Same as above

8.2. MAJCOM DEVELOPED COURSES: The following applicable Interactive Courseware is available from the 367th TRS, Hill AFB, UT 84056-5805. The 367 TRSS internet site is: http://www/hill.af.mil/367TRS/findex.htm. 367 TRS Configuration Management can be reached at DSN 777-0160 or FAX 777-0897.

COURSE	TITLE
General Courses	
00TVT0000	FOD Prevention
00TVT0001	Safety and Radio Frequency (RF) Radiation
00TIV0001V1	Troubleshooting Techniques
00TIV0002	Aerospace Ground Equipment Training
00TCB0002V1	Multimeter Familiarization
00TIV0007	Potential Hazards of Oxygen Enriched Environments
00CIV0008	Use and Care of Type III Torque Wrenches
00CVT0009	Torque Wrench, Use and Care
00TIV1000	Aircraft Marshaling
Block 40 Courses	
16LIV0002	F-16 C/D LANTIRN O-Level Handling
16AIV1401	F-16 C/D Block 40 Advanced Flight Controls
16GIV1401	F-16/40 C/D Block 40 Digital Flight Controls
16AIV14A1	F-16 C/D Rigging & Troubleshooting Flight Control Surfaces
16GIV2801	F-16 C/D Block 40 Fuel Quantity
16AIV7401	F-16 C/D APG-68 Radar
16GIV7403	F-16 C/D Block 25-52Boresight Procedures
16GIV7404	F-16/40 C/D Block 40 Up-Front Controls Integration
16AIV7405	F-16 C/D Block 40 Avionics Integration
16TIV7405	F-16 C/D Block 50 UFC Integration
16TIV7406	F-16 C/D Block 50 Avionics Integration
Block 50 Courses	
16TIV1402	F-16 C/D Block 50 Advanced Flight Controls
16TIV1403	F-16 Block 50 C/D Digital Flight Controls
16AIV14A1	F-16 C/D Rigging & Troubleshooting Flight Control Surfaces
16TIV2802	F-16 C/D Block 50 Fuel Quantity
16TIV7402	F-16/50 C/D Block 50 APG-68 Radar
16GIV7403	F-16 C/D Block 25-52Boresight Procedures
16TIV7405	F-16 C/D Block 50 UFC Integration
16TIV7406	F-16 C/D Block 50 Avionics Integration

SECTION D – TRAINING COURSE INDEX

9. Purpose: This index lists all mandatory Air Force in-residence, field, ECI, and exportable courses used to support training for this specialty. Refer to Education Training Course Announcements (ETCA), for information on AETC formal courses listed below. The internet site for ETCA is: https://etca.randolph.af.mil.

9.1. Air Force In-Residence Courses:

COURSE NUMBER	PDS	TITLE	OPR
E3AQR 2A332 332	PO4	Electronic Principles Course	342 TRS/TTEP Mr. David Belcher Keesler AFB, MS DSN: 597-3527
J3ACR 2A372 003	6XO	F-16 Avionic Systems Craftsman	365 TRS/TRR Mrs. Betty Rivera 609 9th Ave Sheppard AFB, TX 76311-2335 DSN 736-7899

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

COURSE NUMBER	TITLE	OPR
2A352D	Integrated Organizational Avionic System (F-16/F-117/CV-22) Journeyman	365 TRS/TRR 609th Ninth Ave Sheppard AFB, TX 76311-2335 DSN 736-7899
2A352E	Integrated Avionic Systems Journeyman	365 TRS/TRR Same as above
2A352F	Integrated Avionic Systems (F-16/F-117/CV-22/MQ/RQ-1)Journeyman	365 TRS/TRR Same as above
2AX7X	Aerospace Maintenance Craftsman	362 TRS/TRR Ms Cheryl Whelan 613 10th Ave Sheppard AFB,TX 76311-2352 DSN 736-6184

9.3. Exportable Courses:

COURSE NUMBER	PDS	TITLE	OPR
J6ANU00066 038	AVH	Air Force Technical Order (TO) System (Gen)	362 TRS Ms Beverly Fisher 613 10th Ave Sheppard AFB,TX 76311-2352 DSN 736-1825
J6ANU00066 039	OBA	Air Force TO System (Adv)	362 TRS362 TRS Ms Beverly Fisher 613 10th Ave Sheppard AFB,TX 76311-2352 DSN 736-1825
J6ANU00066 041	E31	CAMS for Metals Technicians	362 TRS Same as above
J6ANU00066 042	E41	CAMS for AGE Technicians	362 TRS Same as above
J6ANU00066 043	E51	CAMS for Flightline And Backshop	362 TRS Same as above

9.4. Courses Under Development. There are currently no courses under development.

9.5. Courses Under Revision:

COURSE NUMBER	PDS	TITLE	OPR
J3ABR 2A332 002	IIO	F-16 Avionic Systems Apprentice	Mrs. Betty Rivera 365 TRS/TRR 609 9th Ave Sheppard AFB, TX 76311-2335 DSN 736-7899

SECTION E – MAJCOM UNIQUE REQUIREMENTS

10. The Combatant Air Force Mandatory Course Listing (CAP/MCL) is below. MAJCOMs change mandatory course requirements occasionally. Up-to-date ACC requirements can be obtained at http://www.acclog.af.mil/lgq/lgqt/98mmcl.doc . Refer to the HQ ACC MMCL for additional information. The below requirements are current as of 23 Apr 02.

COURSE NUMBER	**TITLE**	**MDS**
2A3X2-010	F-16 Avionics Systems Craftsman	F-16
2A3X2-013	F-117A Aircraft Integrated Avionics System (Cross)	F-117
2A3X2-015	F-117A Aircraft Integrated Avionics System	F-117
2A3X2-019	MQ/RQ-1L Predator Avionics Systems	MQ/RQ-1L