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Parts I and II
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AFSC 2A3X4X

FIGHTER AIRCRAFT INTEGRATED AVIONICS A-10 / F-15 / F-16 / U-2

CAREER FIELD EDUCATION AND TRAINING PLAN

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CAREER FIELD EDUCATION AND TRAINING PLAN
FIGHTER AIRCRAFT INTEGRATED AVIONICS A-10/F-15/F-16/U-2
AFSC 2A3X4X

PART I

PREFACE

1. This Career Field Education and Training Plan (CFETP), directed by AFI 36-2201, *Air Force Training Program*, Attachment 2, is a comprehensive education and training document that identifies life-cycle education and training requirements, training support resources, and minimum core task requirements for 2A3X4X, the Fighter Aircraft Integrated Avionics A-10/F-15/F-16/U-2 specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training. This CFETP supersedes the 1 Sep 2012 2A3X4 CFETP. The official CFETP can be found at the Air Force E-Publishing website: **http://www.e-publishing.af.mil/**. NOTE: Civilians occupying associated positions will use Part II to support duty position qualification training.

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

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

2.2. Part II includes the following: Section A contains the Specialty Training Standard (STS) and includes duties, tasks, and technical references to support training including AETC conducted training, core and Home Station Training (HST) tasks, deployment/UTC tasks, and correspondence course requirements. Section B contains the Course Objective List (COL) and training standards to determine Airman training requirements. Section C identifies available support materials and (when developed) a Qualification Training Plan (QTP) to support proficiency training. Section D identifies a course training index. Section E identifies MAJCOM unique training requirements. 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: Formal course, which provides individuals who are qualified in their Air Force Specialty (AFS) with additional skills and/or knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of an AFS.

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

Bridge Course: A formal or informal course which allows the individual to expand his/her knowledge in another area of expertise.

Career Development Course (CDC): Self-study correspondence course to provide Airmen with fundamental knowledge of their Air Force Specialty (AFS).

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, eliminate duplication, and 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 authorized by appropriate commander to determine an individual's ability to perform a task to required standards.

Continuation Training: Additional training that exceeds minimum upgrade requirements and has an emphasis on present or future duty assignments.

Core Task: Tasks that the Air Force Career Field Manager (AFCFM) identifies as minimum qualification requirements within an Air Force Specialty (AFS).

Course Training Standard (CTS): A formal course document that identifies in broad terms the training individuals will receive in a specific course.

Enlisted Specialty Training (EST): A mix of formal AETC training and On-the-Job Training (OJT) designed to qualify and upgrade Airmen in each skill level of a specialty.

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

Field Technical Training (Type 4): Special or regular on-site training conducted by a Training Detachment (TD) or by a Mobile Training Team (MTT).

Go/No Go Level: In On-the-Job Training (OJT), the stage at which individual has gained enough skill, knowledge, and experience to either be qualified to perform identified task without assistance or cannot perform task without assistance.

Initial Skills Training: A formal school course that results in the award of a 3-skill level Air Force Specialty Code (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.

Maintenance Information System (MIS): Systems and applications that support and enable maintenance business processes. Used to document maintenance actions. Provides maintenance supervisors with products to evaluate organizational effectiveness and aid in decision-making processes at all levels.

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 electronic.

Master Training Plan (MTP): A comprehensive work-center training plan that may include the Master Task Listings (MTL), Qualification Training Packages (QTP), the Air Force Job Qualification Standard (AFJQS), the Career Field Education and Training Plan (CFETP), task breakdowns, 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 used to perform formal training.

Occupational Analysis Report (OAR): A detailed report showing the results of an occupational survey of tasks performed within a particular Air Force Specialty (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.

Plan of Instruction (POI): An AETC course document used for course planning, organization, operation, and validation. It provides course objectives, level of training provided, planned times, sequence of instruction, required resources, and specifies how course objectives are measured.

Position Qualification Training: Training designed to qualify an Airman in a specific position and is accomplished after upgrade training.

Proficiency Training: Additional training provided via in-residence courses, exportable advanced training courses, or On-the-Job Training (OJT) training to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

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

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

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

Specialty Training Standard (STS): An Air Force document that is published as an attachment to the appropriate Career Field Education and Training Plan (CFETP) that describes an Air Force Specialty (AFS) 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 Codes (AFSC) are taught in formal schools, Career Development Courses (CDC), and exportable courses.

Specialty Training Requirements Team (STRT): Primary purpose of the STRT is for the Air Force Career

Field Manager (AFCFM) and MAJCOM Functional Managers (MFM) to determine and present training requirements to AETC. Attendees include the AFCFM, AETC Training Pipeline Manager (TPM), AETC Training Managers (TM), MFMs, Subject Matter Experts (SME), and AETC Occupational Analysis Division. The AFCFM chairs the STRT. The AETC TPM and TMs attend as advisors.

Supplemental Training: Formal, standardized training within an Air Force Specialty (AFS) that is in addition to required initial skills training and skill level upgrade training. It may support new and/or newly assigned equipment, methods, and/or technology.

Task Certifier: See Certification Official

Training Business Area (TBA): Net-Centric, GCSS-AF IF Web-Based application providing Air Force War fighters with global, real-time visibility into the technical qualifications, certifications, and training status of logistics, communications and information professionals Air Force wide. TBA supports base, wing, and work center level training management activities by automating training management business processes. The primary users of TBA will be any personnel directly involved in base level training management and certification activities. TBA is being developed and maintained by 754th Electronic Systems Group, Installation and Logistics, Maintenance Flight (754 ELSG/ILM) at Maxwell-Gunter AFB.

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

Training Setting: The type of forum in which training is provided (formal in-residence school, On-the-Job Training (OJT), field training, Mobile Training Team (MTT), self-study, etc.).

Upgrade Training (UGT): A mixture of mandatory courses, task qualification, Qualification Training Packages (QTP), and Career Development Courses (CDC) required for award of a 3-, 5-, 7-, or 9-skill level.

Utilization and Training Workshop (U&TW): A forum convened and chaired on a recurring basis by the AF Career Field Manager (AFCFM), designed to review the appropriate Career Field Education and Training Plan (CFETP) and its attachments. The purpose is to ensure currency, accuracy, and completeness of content, to include specific formal career ladder training requirements. Workshops are co-chaired by AETC Training Pipeline Manager (TPM) and include MAJCOM Functional Managers (MFM), AETC training personnel, and Subject Matter Experts (SMEs).

ACRONYMS USED

A&P – Airframe and Power
ADL – Advanced Distributed Learning
AFCFM – Air Force Career Field Manager
AF-COOL – Air Force Credentialing Opportunities On-Line
AFECD – Air Force Enlisted Classification Directory
AFJQS – Air Force Job Qualification Standard
AFRC – Air Force Reserve Command
AFS – Air Force Specialty
AFSC – Air Force Specialty Code
AFTC – Air Force Training Course
AFVEC – Air Force Virtual Education Center
ALS – Airman Leadership School
ANG – Air National Guard
AU – Air University
AvF – Avionics Fundamentals
BMT – Basic Military Training
CCAF – Community College of the Air Force
CDC – Career Development Course
CFETP – Career Field Education and Training Plan
COL – Course Objective List
CSIL – Customer Service Information Line
CTS – Course Training Standard
DL – Distributed Learning
DLC – Distance Learning Course
EPME – Enlisted Professional Military Education
EST – Enlisted Specialty Training
HST – Home Station Training
HUD – Heads Up Display
HYT – High Year Tenure
ICW – Interactive Courseware
ISD – Instructional System Development
ITP – Individual Training Plan
ITU – Instructional Technology Unit
JQS – Job Qualification Standard

JSAMTCC – Joint Service Aviation Maintenance Technician Certification Council
MDS – Mission Design Series
MFM – MAJCOM Functional Manager
MIS – Maintenance Information System
MMCL – MAJCOM Mandatory Course List
MTL – Master Task Listing
MSP – Master Training Plan
MTT – Mobile Training Team
NCOA – Noncommissioned Officer Academy
NCOIC – Noncommissioned Officer in Charge
OAR – Occupational Analysis Report
OJT – On-the-Job Training
PMC – Professional Manager Certification
POI – Plan of Instruction
QA – Quality Assurance
QT – Qualification Training
QTP – Qualification Training Package
SDI – Special Duty Assignment
SEI – Special Equipment Identifier
SKT – Specialty Knowledge Tests
SME – Subject Matter Expert
SNCOA – Senior Noncommissioned Officer Academy
STRT – Specialty Training Requirements Team
STS – Specialty Training Standard
TBA – Training Business Area
TD – Training Detachment
TIS – Time in Service
TM – Training Manager
TO – Technical Order
TPM – Training Pipeline Manager
TR – Training Resource
U&TW – Utilization and Training Workshop
UGT – Upgrade Training
UTC – Unit Type Code
UTM – Unit Training Manager
WAPS – Weighted Airman Promotion System

SECTION A - GENERAL INFORMATION

3. Purpose. This CFETP provides the information necessary for the AFCFM, MAJCOM Functional Managers (MFM), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective and efficient career field training program. The plan outlines the training that individuals in this Air Force Specialty (AFS) should receive in order to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. The CFETP also:

3.1. Lists training courses available in the AFS and identifies sources of training and the training delivery method.

3.2. Identifies major resource constraints that impact full implementation of the desired career field training process.

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

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

4.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. On-the-Job Training (OJT), resident training, contract training, or exportable courses can satisfy the identified requirements. MAJCOM developed training to support this AFS must be identified for inclusion in this plan and must not duplicate other available training resources.

4.3. 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.

5. Coordination and Approval of the CFETP. The AFCFM is the approval authority for the CFETP.

5.1. Scheduled Reviews. The AFCFM will initiate an annual review of this document to ensure currency and accuracy. Typically this review is accomplished via correspondence and is accomplished by the AFCFM and using MFMs. Approximately every three years Specialty Training Requirements Teams (STRT) are held for functional areas (e.g. Instrument and Flight Control Systems, Backshop Avionics, Legacy Fighter, etc.). During STRTs the AFCFM, MFMs, AETC representatives, and Subject Matter Experts (SME) accomplish an in-depth review of the material to determine and present training requirements to AETC. STRTs are normally face-to-face meetings.

5.2. Out-of-Cycle Review. The AFCFM can implement out-of-cycle changes whenever necessary to address the addition of new platform, systems, changes to test equipment, etc. Career field members can provide inputs on content or change request to the AFCFM at any time via their MFM. The AFCFM will evaluate the information and (1) provide feedback on why the suggestion will not be incorporated, (2) initiate an out of cycle change, or (3) incorporate the suggestion during the next scheduled review, whichever is

appropriate.

SECTION B - CAREER PROGRESSION AND INFORMATION

6. Specialty Descriptions.

6.1. Specialty Shreds:

Suffix Portion of the AFS to which it Relates
A……..A-10/U-2 Avionics
B……...F-15 Avionics
C……...F-16 Avionics

NOTE: Suffixes A, B, and C are applicable to the 1-, 3-, and 5-skill levels only.

6.2. Specialty Summary and Duties and Responsibilities. Refer to the Air Force Enlisted Classification Directory (AFECD), accessible via myPers at **https://mypers.af.mil/app/home**, search for "AFECD".

6.2.1. Helper, Apprentice, Journeyman, and Craftsman. Refer to "AFSC 2A374, Craftsman/AFSC 2A354*, Journeyman/AFSC 2A334*, Apprentice/AFSC 2A314*, Helper," titled "FIGHTER AIRCRAFT INTEGRATED AVIONICS," in AFECD Section II, for specialty summary, and duties and responsibilities.

6.2.2. Chief Enlisted Manager (CEM) and Superintendent. Refer to "CEM Code 2A300/AFSC 2A390, Superintendent," titled "FIGHTER/REMOTELY PILOTED AIRCRAFT MAINTENANCE," in AFECD Section II, for specialty summary and duties and responsibilities for 9-skill level and CEM personnel.

7. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level plays an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, develop, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career. Use table 10.1, **Enlisted Career Path**, in conjunction with the information below to manage career skill progression.

7.1. Apprentice (3-skill level): Individuals are awarded their 3-skill level upon completion of initial skills training (technical school). At their first duty station a trainee will work with a trainer to enhance their knowledge and skills. Individuals are assigned shred identifiers for initial-skills course scheduling and assignment purposes; shred identifiers are provided in the AFECD.

7.2. Journeyman (5-skill level). Upon arrival at their first duty location, individuals must complete formal 5-level OJT training requirements as defined in this CFETP, AFI 36-2201, and the AFECD. This training involves completion of 2A354 Career Development Course (CDC) and all identified core tasks. Once upgraded to the 5-skill level, the journeyman will enter into qualification training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. This includes qualification on duty specific tasks identified by the work center supervisor. Available proficiency and/or supplementary training should be completed as early as duty permits. Journeymen may be appointed as unit trainers and considered for job positions such as Quality Assurance (QA) inspector. Individuals will use their CDCs to prepare for Weighted Airman Promotion System (WAPS) testing. Air Force Enlisted

Professional Military Education (EPME) is a rank-based model that ensures targeted delivery of institutional competencies across an enlisted Airman's career. Resident Airman Leadership School (ALS) meets Basic and Comprehensive Phase 1 requirements and is required to assume the rank of Staff Sergeant. In addition to completing EPME requirements, individuals should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

7.3. Craftsman (7-skill level): Once selected for promotion to Staff Sergeant, individuals begin formal 7-skill level OJT training requirements as defined in this CFETP, AFI 36-2201, and the AFECD. This training involves completion of the 2A374 and 2AX7X CDCs and all identified core tasks. Once upgraded to the 7-skill level, the craftsman will also train on any qualification or duty specific tasks identified by the work center supervisor. Available proficiency and/or supplementary training should be completed as early as duty permits. The Air Force Specialty Code (AFSC) shred is removed at the 7-skill level, at which point airframe qualifications are identified by Special Equipment Identifier (SEI) codes. SEI codes are provided in the AFECD. A craftsman can expect to fill various supervisory and management positions such as task certifier, element Noncommissioned Officer in Charge (NCOIC), flight or section chief, flightline expediter, production superintendent, and avionics manager, and can also be assigned to work in staff positions. Once selected for promotion to Staff Sergeant, Airmen should enroll in the NCO Distance Learning Course (DLC), formally known as Course 15, to meet Basic Phase 2 EPME requirements. Course 15 is a prerequisite for in-residence Noncommissioned Officer Academy (NCOA) attendance, and NCOA is required to assume the rank of Master Sergeant. In addition to completing EPME requirements, craftsmen should take courses to obtain added knowledge on management of resources and personnel whenever available and continued academic education through CCAF and higher degree programs.

7.4. Superintendent (9-skill level): Formal 9-skill level OJT training requirements are defined in AFI 36-2201 and the AFECD. A 9-skill level can be expected to fill positions such as flight chief, production supervisor, and various staff positions. Once selected for promotion to Master Sergeant, Airmen should enroll in SNCO DLC, formally known as Course 14, to satisfy the Basic Phase 3 EPME requirement. Course 14 is a prerequisite for in-residence Senior Noncommissioned Officer Academy (SNCOA) attendance, and SNCOA is required to assume the rank of Chief Master Sergeant. In addition to EPME requirements, superintendents are expected to take advantage of additional training in the areas of budget, manpower, resources, and personnel management and higher education, including advanced certification, is encouraged for professional development.

8. Training Decisions: The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Fighter Aircraft Integrated Avionics career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were made by MFMs and Subject Matter Experts (SME) at the career field Specialty Training Requirements Team (STRT) 14-18 Sep 15.

8.1. Initial Skills: The STRT was tasked with reviewing the entire 2A3X4X STS. Each STS line item was evaluated based on capability and method of training, redundancy of documentation, and applicability. Occupational Analysis Report (OAR) data was used to scrub requirements to determine whether items were suited for formal training.

8.2. Five-Skill Level Upgrade Training: Completion of 2A354 CDC is mandatory. Upgrade requirements

include completion of core tasks and identified work center requirements for their assigned weapons system and completion of MAJCOM Mandatory Course List (MMCL) requirements as necessary based on assignment. Task qualification is all that is required for upgrade; there is no career field standard for proficiency.

8.3. Seven-Skill Level Upgrade Training: Completion of the 2A374 and 2AX7X CDCs is mandatory. Upgrade requirements include completion of core tasks and identified work center requirements for their assigned weapons system and completion of MAJCOM Mandatory Course List (MMCL) requirements as necessary based on assignment. Task qualification is all that is required for upgrade; there is no career field standard for proficiency. In-residence school is not required for upgrade and there is no Advanced Distributed Learning (ADL)/Distributed Learning (DL) in development.

9. Higher Education and Advanced Certification Opportunities. Advanced certifications and other additional off-duty education is a personal choice encouraged for the professional development of the entire enlisted force.

9.1. Community College of the Air Force (CCAF) Degree Program: Enrollment in CCAF occurs automatically upon completion of Basic Military Training (BMT). Degree completion; technical education; leadership, management and military studies; physical education; general education; and program elective requirements are identified in the CCAF Catalog which can be found on the Air University (AU) site at **http://www.airuniversity.af.mil/Barnes/CCAF/**.

9.2. CCAF Academic Programs. In addition to its associate degree program, CCAF offers other credentialing programs (licensure and certification). Licensure is normally issued by federal, state, or local governmental agencies and is issued to individuals to practice in specific occupation. Certification is normally issued by non-governmental agencies, associations, schools, or industry-supported companies and are typically an optional credential. Air Force Credentialing Opportunities On-Line (AF-COOL) supports programs like Air Force Airframe and Power plant (A&P) Certification; CCAF Instructor Certification; CCAF Instructional Systems Development (ISD) Certification; Joint Service Aviation Maintenance Technician Certification Council (JSAMTCC); and Professional Manager Certification (PMC). Information on current programs is available via the Air Force Portal CCAF site at **https://www.my.af.mil/gcss-af/USAF/ep/contentView.do?contentType=EDITORIAL&contentId=c88B4F00B41D2F51E01420946721B0912&programId=t88B4F00B41D2F51E01420943DB3F0911&channelPageId=s6925EC13447C0FB5E044080020E329A9** and the Air Force Virtual Education Center (AFVEC) site at **https://www.my.af.mil/afvecprod/afvec/Home.aspx**.

9.3. AETC Instructor Requirements. AETC Instructors must possess, at a minimum, an associate degree or should be actively pursuing an associate degree. Developmental Special Duty (DSD) requires an AETC instructor candidate to have a CCAF degree or be within one year of completion (45 semester hours). A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

10. Career Field Path. Table 10.1 identifies career milestones for the 2A3X4X Air Force Specialty.

Table 10.1 Enlisted Career Path	
	Grade Requirements

Education and Training Requirements	Rank	Earliest Sew-On NOTE 1	Average Sew-On NOTE 2	High Year Of Tenure (HYT) NOTE 3
Basic Military Training School				
Apprentice Initial Skills (Technical School) (3-Skill Level)	Amn A1C	6 months 10 months	6 months 10 months	
Upgrade To Journeyman (5-Skill Level) NOTE 4 ・ Complete appropriate CDC(s) if/when available ・ Complete all mandatory core tasks ・ Minimum 12 months in Upgrade Training (UGT); 9 months UGT for individuals in retraining status ・ Mandatory requirements listed in the AFECD ・ Recommended by supervisor and approved by commander	SrA	36 mo. TIS & 20 mo. TIG or 28 mo. TIG	2.5 years	8 years
Airman Leadership School (ALS) NOTE 5 ・ Phase 1 Basic and Comprehensive PME ・ Resident ALS required for promotion to SSgt				
Trainer NOTE 4 ・ Attend formal OJT trainer course (AFTC) ・ Maintain required task qualifications	**Certifier** NOTE 4 ・ Be at least a SSgt (E-5) with a 5-skill level ・ Attend formal Air Force Training Course (AFTC) ・ Be capable of evaluating the task being certified ・ Be a person other than the trainer except for certain situations defined in AFI 36-2201			
Upgrade To Craftsman (7-Skill Level) NOTE 4 ・ Minimum rank of SSgt ・ Complete appropriate CDC(s) if/when available ・ Compete all mandatory core tasks ・ Attend 7-skill level craftsman course (if required) ・ Mandatory requirements listed in the AFECD ・ Minimum 12 months in UGT; 6 months UGT for individuals in retraining status ・ Recommended by supervisor and approved by commander	SSgt	3 years	5.4 years	15 years
NCO Distance Learning Course (DLC) NOTE 5 ・ Phase 2 Basic EPME; formal name is Course 15 ・ Airmen expected to enroll when selected for promotion to SSgt **Noncommissioned Officer Academy (NCOA)** ・ Phase 2 Comprehensive EPME ・ Complete and pass resident ALS (or DL for ARC) ・ Complete and pass EPME Phase 2 DL ・ Resident NCOA required for promotion to TSgt	TSgt	5 years	10.7 years	20 years

SNCO DLC NOTE 5 · Phase 3 Basic EPME; formal name is Course 14 · Airmen expected to enroll when selected for promotion to MSgt **USAF Senior NCO Academy (SNCOA)** · Phase 3 Comprehensive EPME · Complete and pass Phase 2 and 3 EPME DL (only Phase 3 for ARC) · Resident SNCOA required for promotion to CMSgt	MSgt SMSgt	8 years 11 years	15.4 years 19.0 years	24 years 26 years
Upgrade To Superintendent (9-Skill Level) NOTE 4 · Minimum rank of SMSgt · Mandatory requirements listed in the AFECD · Recommended by supervisor and approved by commander	CMSgt	14 years	22.5 years	30 Years
Table data current as of April-2017. NOTE 1: Average sew-on time is determined by the 2A3X4 AFCFM. NOTE 2: Earliest sew-on information is available in the Professional Development Guide (PDG) at **http://www.studyguides.af.mil/**. NOTE 3: HYT information is on the myPers site at **https://mypers.af.mil/app/home**, search "High Year of Tenure". NOTE 4: Upgrade and trainer/certifier requirements are detailed in AFI 36-2201, *Air Force Training Program*, available on the Air Force e-Publishing site at **http://www.e-publishing.af.mil/**. NOTE 5: EPME information is explained on the myPers site at **https://mypers.af.mil/app/home**, search "EPME". The policy detailed becomes effective with the 2018 promotion cycle.				

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

11. 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 broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific tasks and knowledge training requirements are identified in the attached STS.

12. Specialty Qualification Requirements.

12.1. Knowledge, Education, Training, and Experience. Refer to the AFECD, accessible via myPers at **https://mypers.af.mil/app/home**, search for "AFECD".

12.1.1. Helper, Apprentice, Journeyman, and Craftsman. Refer to "AFSC 2A374, Craftsman/AFSC 2A354*, Journeyman/AFSC 2A334*, Apprentice/AFSC 2A314*, Helper," titled "FIGHTER AIRCRAFT INTEGRATED AVIONICS," in AFECD Section II, for specialty qualification information for 1-, 3-, 5-, and 7-skill level personnel.

12.1.2. CEM and Superintendent. Refer to "CEM Code 2A300/AFSC 2A390, Superintendent," titled "FIGHTER/REMOTELY PILOTED AIRCRAFT MAINTENANCE," in AFECD Section II, for specialty qualification information for 9-skill level and CEM personnel.

12.2. Training Sources and Implementation:

12.2.1. Apprentice Level Training: The initial skills courses (J3AQR2A334X-0XXB and J3ABR2A334X-

0XXX) will provide the required knowledge the trainee needs at their first duty location. The training encompasses basic electronic principles, system theory and operation, system components, and component removal and installation. Trainees will use representative aircraft and/or trainers to accomplish the system specific training requirements. Additionally, the trainee will be introduced to maintenance concepts, practices and documentation, the use of technical publications, and support equipment. Unless waived by the AFCFM, the initial skills course is a requirement upon entry into the career field. Trainees are awarded a 3-skill level upon completion of the initial skills course.

12.2.2. Journeyman Level Training: Trainees enter into 5-skill level Up-Grade Training (UGT) upon arrival at their first duty station. Core and work center tasks in the trainee's Job Qualification Standard (JQS) are trained via OJT and, when mandated, MAJCOM specific courses. The 2A354 and 2A354X CDCs provide the required career knowledge training. The CDCs are written to build on the trainee's current knowledge base and provide more in-depth knowledge to support OJT requirements.

12.2.3. Craftsman Level Training: Trainees enter into 7-skill level UGT when selected for promotion to Staff Sergeant. Core and work center tasks in the trainee's JQS are trained via OJT and, when mandated, MAJCOM specific courses. The 2A374 CDCs provide career knowledge training. The 2AX7X CDCs provide advanced management and supervisory knowledge. NOTE: The 2AX7X CDCs are managed using a stand-alone STRT process. As a result, Attachment A is not current as of the date of this publication. It not intended to be used to identify work center requirements; it is provided so that supervisors are aware of the proficiency levels trainees should possess when complete and to highlight the training references that were used to develop the CDCs.

12.2.4. Superintendent Level Training: The 9-skill level is awarded upon promotion to Senior Master Sergeant. When necessary, unit OJT is used for training. In addition to 7-skill level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance. The 9-skill level needs to be an effective leader; must be able to forecast, budget, and manage funds and other resources to include manning; must be knowledgeable of federal and local environmental standards; and must ensure adherence to the proper handling and disposal of hazardous materials.

SECTION D - RESOURCE CONSTRAINTS

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

14. Apprentice Level Training. The school house does not have an actual Sniper POD to facilitate the Sniper POD Operational Checkout (task 7.2.3.2.) and there is a difference in the task proficiency level taught to in the F-15 and F-16 courses versus in the A-10 course. NOTE: No training constraint exists because each course is being taught to the agreed upon proficiency level; this entry explains why the proficiency code reads "2b/1b."

14.1. The A-10 Integrated Avionics Systems apprentice course (J3ABR2A334A-000B) trains students using an interactive computer based simulator. Students will know all steps of the operational checkout (proficiency code '1b') upon completion of training.

14.2. The F-15 apprentice course (J3ABR2A334B-025B) and F-16 apprentice courses (J3ABR2A334C-026C) train students using a trainer. Students will be partially proficient on the task (proficiency code '2b') upon completion of training.

15. Journeyman Level Training. No resource constraints identified.

16. Craftsman Level Training. No resource constraints identified.

SECTION E – TRANSITIONAL TRAINING GUIDE

17. There is currently no transitional training requirements. This area is reserved.

PART II

SECTION A - SPECIALTY TRAINING STANDARD (STS)

1. Implementation: The STS will be used for technical training provided by AETC for classes beginning FY17; Avionic Fundamental will begin 6 Oct 17 and Follow-On courses will begin 5 Dec 17. The STS is organized in attachments to this document for "General" training requirements (applicable to all systems) and individual attachments for each Mission Design Series (MDS) and off equipment systems.

1.1. Wartime Requirements. When necessary, the AFCFM can direct expedited training to support wartime requirements. If implemented, all task and knowledge taught in the initial skills courses will continue to be taught in the wartime initial skills courses, the training timeline will just be compressed as able. For example, if a course was currently being taught 5 days a week on day-shift, the wartime course would provide the same training to trainees, but might be taught 6 days a week on day-, swing-, and mid-shift.

2. Documentation: As prescribed in AFI 36-2201, *Air Force Training Program*, (refer to applicable attachments):

2.1. Column 1 (Task, Knowledge, and Technical References): The most common tasks, knowledge, and Technical References (TR) necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level. Not all tasks apply to every work center.

2.1.1. It is the work center supervisor's job to identify work center requirements and build a Master Training Plan (MTP) to train assigned trainees to the requirements. Individual JQS' should be tailored to the trainees' skill level and duty position.

2.1.2. For OJT, the tasks in column 1 are trained and qualified to the go/no go level (3c). "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures.

2.1.3. Unless mandated by another source (e.g. engine run currency requirements in AFI 21-101), there is no career field standard for proficiency. Once a trainee is qualified on a task, she or he remains qualified unless de-certified IAW AFI 36-2201.

2.2. Column 2 (Core Tasks): Tasks identified with an asterisk (*) are specialty-wide training requirements. Certification on all shop/flight line core tasks must be completed for skill level upgrade.

2.2.1. Trainees are only required to qualify on core tasks applicable to their assigned aircraft or systems; i.e. if the STS lists two separate Heads Up Display (HUD) systems, and the operational check for both is identified as a core task, the trainee only has to qualify on the HUD system installed on the aircraft assigned at the trainees locations.

2.2.2. When a base has multiple MDS or off-equipment systems assigned, trainees are only required to complete core task training on the MDS or off-equipment systems assigned to their unit.

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

2.2.4. Core tasks identified with *R are optional for Air Force Reserve Command (AFRC) and Air National Guard (ANG) traditional personnel. Full time personnel are required to qualify on all identified core tasks.

2.3. Column 3 (Certification for OJT): Used to record completion of tasks and knowledge training requirements. If available, use an automated training management systems to document technician qualifications. Task certification must show a certification/completion date.

2.4. Column 4 (Proficiency Codes Used To Indicate Training/Information Provided): Identifies the proficiency a trainee should be able to demonstrate on the job after completing formal training or a CDC. Attachment 1 contains the proficiency code key.

2.4.1. Column 4A items marked with both a proficiency code and a caret (Ex: A^) will be taught in Avionics Fundamentals.

2.4.2. Column 4A identifies the established task and/or knowledge requirement for in-residence training. When two codes are used in column 4A (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints.

2.4.3. Columns 4B and 4C identify the established knowledge requirement for CDCs. See the Unit Training Manager (UTM) for current CDC listing.

3. Job Qualification Standard (JQS): The STS becomes a JQS for OJT when placed in Training Business Area (TBA) or AF Form 623, *On-The-Job Training Record*, and used according to AFI 36-2201. When used as a JQS, the following requirements apply:

3.1. Document and certify completion of training IAW AFI 36-2201. Load the tasks into TBA as a JQS and add them to the applicable Individual Training Plan (ITP).

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

4. Specialty Knowledge Tests (SKT). The STS serves as a guide for development of promotion tests used in WAPS. SKTs are developed at the USAF Occupational Measurement Squadron, by SNCOs with extensive practical experience in their career field. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2502, *Airman Promotion/Demotion Programs*. WAPS is not applicable to the AFRC or ANG.

SECTION B – COURSE OBJECTIVE LIST (COL)

5. Initial skills training is not designed to result in a mission ready technician. When evaluating course graduates, supervisors should use column 4A of the STS as a guide. Review column 4A to determine the proficiency level of a particular task or knowledge item. Review attachment 1 of this CFETP for an explanation of the proficiency codes. Then compare the proficiency of the trainee to the proficiency expected upon completion of the course. NOTE: Most 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.

6. Recommendations: Comments and recommendations are invited concerning the quality of training AETC graduates received. The 782 TRG Customer Service Information Line (CSIL) is available for supervisors to identify training concerns on tasks/knowledge items listed in this STS. Please reference specific STS line items and address your comments to: **782CSIL@us.af.mil** or call the CSIL at DSN 736-2574 anytime.

SECTION C - SUPPORT MATERIAL.

7. There are currently no support material requirements. This area is reserved.

SECTION D - TRAINING COURSE INDEX.

8. Purpose. This index lists mandatory formal training including Air Force in-residence, field, Air Force Career Development Academy (AFCDA), and exportable courses used to support training for this specialty.

9. Air Force In-Resident Courses.

COURSE NO. NOTE 1	COURSE TITLE	LOCATION	USER
J3AQR2A334X-0XXB NOTE 2	Avionics Fundamentals (AvF) NOTE 3	Sheppard AFB	AF
J3ABR2A334A-000B	A-10 Integrated Avionic Systems Apprentice	Sheppard AFB	AF
J3ABR2A334B-025B	F-15 Integrated Avionic Systems Apprentice	Sheppard AFB	AF
J3ABR2A334C-026C	F-16 Integrated Avionic Systems Apprentice	Sheppard AFB	AF

NOTE 1: For information on the AETC formal courses listed, refer to Education and Training Course Announcements at **https://etca.randolph.af.mil/**.

NOTE 2: In the course announcement, the course number listed above are followed by the current revision number, e.g. the most current Avionics Fundamentals course at the time the CFETP was published was J3AQR2A334X-0XXB; a year from now the most current revision might be J3AQTR2A334-0XXD

NOTE 3: All shreds attend the same AvF course but the course number is different depending on his or her shred; e.g. for 2A334A Airmen the AvF course number is J3AQR2A334A-000B; for 2A334C Airmen the AvF course number is J3AQR2A334C-026B.

10. Air Force Career Development Academy (AFCDA) Courses. AU/A4L is responsible for managing the CDC program. Their website is **http://www.au.af.mil/au/afiadl/**. The 2A354X and 2A374 CDCs are managed by the Aircraft Avionics AFCFM and updates and managed as part of the Legacy Fighter STRT. The 2AX7X CDCs are managed by the Aircraft Systems AFCFM and updates are managed via a stand-alone STRT.

COURSE NO.	COURSE TITLE	USER
CDC 2A354	Integrated Fighter Avionic Systems Journeyman	AF
CDC 2A354A	A-10/U-2 Avionic Systems Journeyman	AF
CDC 2A354B	F-15 Avionic Systems Journeyman	AF
CDC 2A354C	F-16 Avionic Systems Journeyman	AF
CDC 2A374	A-10/F-15/F-16/U-2 Avionic Systems Craftsman	AF
CDC 2AX7X	Aerospace Maintenance Craftsman	AF

11. Interactive Courseware (ICW). Interactive courses (not always applicable) are available via "The Griffin" website at **https://367trss.hill.af.mil/**. OPR contact information is as follows:

365 TRSS
6058 Aspen Avenue
Hill AFB, UT 84056-5805
DSN 777-7830/8741

982 MXS/LGMS
Instructional Technology Unit
912 I Avenue, Suite 4
Sheppard AFB, TX 76311-2334
DSN 736-3834

SECTION E - MAJCOM UNIQUE REQUIREMENTS.

12. The MMCLs identify mandatory maintenance training requirements for initial skills (technical school) graduates, retrainees, and personnel with no experience on assigned MDS or EW systems. They also ensure maintenance personnel receive training commensurate to their current duty position. The AFRC and ANG do not publish MMCLs and their personnel are not subject to their requirements. All other commands publish an MMCL as appropriate and have decision authority with regard to which MAJCOM personnel the MMCL applies to; e.g., whether AMC personnel assigned to a Total Force Squadron in New Hampshire are subject to AMC's MMCL is up to AMC. All MMCL courses will be identified as a priority on the AF Form 898. Contact your UTM for the most current version of your MAJCOM's MMCL.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN B. COOPER
Lieutenant General, USAF
DCS/Logistics, Engineering & Force Protection

8 Attachments
1. Proficiency Code Key (Mandatory)
2. General Training Requirements (Mandatory)
3. A-10 Training Requirements (Mandatory for A-10 Personnel)
4. F-15 Training Requirements (Mandatory for F-15 Personnel)
5. F-16 Training Requirements (Mandatory for F-16 Personnel)
6. U-2 Training Requirements (Mandatory for U-2 Personnel)
7. POD Training Requirements (Mandatory for Applicable Personnel)

A. 2AX7X Aerospace Maintenance Craftsman (Mandatory for 7-Skill Levels and Personnel in 7-Skill Level Upgrade)

NOTE: Use of at least one of attachments three through six is required.

Attachment 1

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

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***

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 (ex. 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 course or CDC.

^ This mark is used in course columns to identify what tasks are taught in Avionics Fundamentals (ex. A^).

/ This mark is used in course columns to show training requirements not met due to limitations in resources (3c/b, 2/b/b, 3c/-, etc.). The first code is the training requirement and the second code indicates the level of training provided due to equipment shortages or other resource constraints.

NOTE: All tasks and knowledge items shown with a proficiency or knowledge code are trained during wartime.

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 2 – General Training Requirements **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated. **NOTE 2** Items marked in Column 4A with both a proficiency code and a caret will be taught in Avionics Fundamentals (Ex: A^).										
2 A-10/F-15/F-16/U-2 GENERAL TASKS										
2.1 CAREER LADDER PROGRESSION TR: AFI 36-2201, AFI 36-2101, AFECD (myPers), CFETP Part I										
2.1.1 Progression in Career Ladder	*							-	A	-
2.1.2 Duties and Responsibilities of 3-/5-/7-Level Personnel								A^	-	-
2.2 SAFETY TR: AFI 91-Series/31-Series TOs/ 33-Series TOs, TO 00-25-172										
2.2.1 Safety Practices and the AF Occupational Safety & Health (AFOSH) Program Used in Avionic Career Fields								B^	B	-
2.2.2 Basic First Aid								-	-	-
2.2.3 Electrostatic Discharge (ESD) Control								-	B	-
2.2.4 Electromagnetic Effects (Electromagnetic Pulse (EMP) / Electromagnetic Interference (EMI))								-	-	-
2.2.5 RF Energy Hazards								-	-	-
2.2.6 Noise								-	-	-
2.2.7 Compressed Gases								-	-	-
2.2.8 Electrical Power Hazards								-	-	-
2.2.9 Hydraulic Power								-	-	-
2.2.10 Electrical Equipment								-	-	-
2.2.11 Hazardous Liquids								-	-	-
2.2.12 Radioactive Parts and Materials								-	-	-
2.2.13 Aircraft								-	-	-
2.2.14 Air Ground Equipment (AGE)								-	-	-
2.2.15 Beryllium/Copper Alloys								-	-	-
2.2.16 Lasers								-	-	-
2.2.17 Composites								-	-	-
2.2.18 Foreign Object and Debris (FOD) Prevention								-	-	-
2.2.19 AF Nuclear Surety Program								-	-	-
2.2.20 Fall Protection/Restraints								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.2.21 Operational Risk Management								-	-	-
2.2.22 Lifting Devices								-	-	-
2.2.23 Heavy Lifting								-	-	-
2.2.24 Inspect and Use Fire Extinguisher								-	-	-
2.2.25 Electro Explosive Devices / Cartridges								-	-	-
2.3 HAZARDOUS MATERIALS and WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: Applicable Command Directives										
2.3.1 Types of Hazardous Materials / Fluids								-	-	-
2.3.2 Handling Procedures								-	-	-
2.3.3 Storage and Labeling Procedures								-	-	-
2.3.4 Proper Disposal								-	-	-
2.3.5 Waste minimization								-	-	-
2.3.6 Safety Data Sheets								B^	-	-
2.3.7 Report Hazardous Material Spills								-	-	-
2.3.8 Hazardous Materials and Waste Handling Procedures								A^	-	-
2.4 MAINTENANCE MANAGEMENT TR: AFI 21-101, Applicable Command Directives										
2.4.1 Basic Functions and Responsibilities of Maintenance Complex								-	A	-
2.4.2 Maintenance Resource Management (Human Factors)								A^	-	-
2.4.3 Maintenance Accountability								-	A	-
2.4.4 Logistics/Resource Maintenance Management										
2.4.4.1 Logistics Management								-	-	-
2.4.4.2 Asset Management								-	-	-
2.4.4.3 Product Improvement Working Group / Test Planning Working Group / System Training Plan / Product Improvement Review / Program Management Reviews								-	-	-
2.4.4.4 Source Maintenance Recoverability (SMR) Codes								-	-	-
2.4.4.5 Aircraft/Equipment Status Monitoring								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.4.4.6 Maintenance Performance Indicators (MPI) Relationships (Repeat/Recur, Fix, Break, Cannibalization Rates, etc.)								-	-	-
2.4.4.7 FOD Program Manager								-	-	-
2.4.4.8 Hazard Declarations								-	-	-
2.4.4.9 Maintenance Incident Investigation and Prevention								-	-	-
2.4.4.10 Minimum Essential Systems Lists (MESL)								-	-	-
2.4.4.11 Warranty Program								-	-	-
2.4.4.12 Repair Cycle Assessment Program								-	-	-
2.4.4.13 Status of Reports and Training (SORTS)								-	-	-
2.4.4.14 Standard Configuration Load (SCL)								-	-	-
2.4.5 Personnel Duties/Responsibilities										
2.4.5.1 Expediter								-	A	-
2.4.5.2 Production Supervisor								-	A	-
2.4.5.3 Flight Chief								-	A	-
2.4.5.4 Debriefing										
2.4.5.4.1 Debrief Pilots								-	-	-
2.4.5.4.2 Maintain Debriefing Forms								-	-	-
2.4.5.4.3 Use Automated Data Systems								-	-	-
2.5 SUPERVISION TR: Applicable Command Directives										
2.5.1 Orient New Personnel								-	-	-
2.5.2 Assign Personnel to Work Assignments								-	-	-
2.5.3 Plan Work Assignments and Priorities								-	-	-
2.5.4 Schedule Work Assignments and Priorities								-	-	-
2.5.5 Evaluate Work Performance of Subordinate Personnel								-	-	-
2.5.6 Supervise Maintenance Actions								-	-	-
2.5.7 Perform Reports of Survey								-	-	-
2.5.8 Perform Self-assessments								-	-	-
2.6 TRAINING TR: Applicable Command Directives										
2.6.1 Evaluate Effectiveness of Training Programs								-	-	-
2.6.2 Maintain Training Records								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.6.3 Prepare Workcenter Job Quality Standard (WJQS)								-	-	-
2.6.4 Evaluate/Recommend/Determine Training Requirements								-	-	-
2.6.5 Plan/Supervise On the Job Training (OJT)								-	-	-
2.6.6 OJT Trainer Requirements								-	-	-
2.6.7 Use Training Documents								-	-	-
2.7 TECHNICAL PUBLICATIONS TR: Applicable Command Directives										
2.7.1 Scope and Application of Hard Copy/Electronic Technical Order System								A^	B	-
2.7.2 Technical Order (TO) Management								-	-	-
2.7.3 Technical Order Indexes								-	A	-
2.7.4 Follow Technical Orders to Perform Maintenance	*							2b	-	-
2.7.5 Technical Manual (TM) Change Recommendation and Reply (AFTO Form 22)								A^	A	-
2.7.6 Scope and Application of Computer Program Identification Number (CPIN) System								A^	-	-
2.7.7 CPIN Compendium								-	-	-
2.7.8 Maintain TO Files								-	-	-
2.7.9 Time Compliance Technical Orders (TCTO)								-	A	-
2.7.10 Use Wiring Diagrams								2b	-	-
2.8 AVIONICS SUPPORT SUBJECTS TR: Applicable Command Directives										
2.8.1 Metric Notation										
2.8.1.1 Powers of Ten								B^	-	-
2.8.1.2 Electrical Prefixes								B^	-	-
2.8.1.3 Digital Numbering Systems								A^	-	-
2.8.2 Test Equipment										
2.8.2.1 Demonstrate Proper Use of Digital Multimeter								2b^	-	-
2.8.3 Basic Electricity										
2.8.3.1 Direct Current (DC) Principles								B^	-	-
2.8.3.2 Alternating Current (AC) Principles								B^	-	-
2.8.4 Resistance										
2.8.4.1 Theory of Resistance								B^	-	-
2.8.4.2 Measure Resistance								2b^	-	-
2.8.4.3 Capacitance Theory								B^	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.8.4.4 Inductance Theory								B^	-	-
2.8.5 Electromagnetic Devices										
2.8.5.1 Transformers Principles								B^	-	-
2.8.6 Relays and Solenoids										
2.8.6.1 Theory								B^	-	-
2.8.6.2 Troubleshoot Relay								2b^	-	-
2.8.7 Motor Theory										
2.8.7.1 AC/DC Motor Theory								A^	-	-
2.8.8 Generator Theory										
2.8.8.1 AC/DC Generator Theory								A^	-	-
2.8.8.2 Synchro/Servo Principles								B^	B	-
2.8.8.3 Transducer Principles								B^	-	-
2.8.9 Solid State Devices										
2.8.9.1 Solid State Device Theory								A^	-	-
2.8.9.2 Diodes (LED, Zener, etc.)								A^	-	-
2.8.9.3 Integrated Circuits								A^	-	-
2.8.9.4 Operational Amplifiers								A^	-	-
2.8.10 Power Supply Circuits										
2.8.10.1 Power Supply Theory								B^	-	-
2.8.11 Wave Generating Circuits										
2.8.11.1 Wave Generating Circuit Theory								A^	-	-
2.8.12 Digital Logic Circuits										
2.8.12.1 Digital Logic Theory								A^	-	-
2.8.12.2 Gates								A^	-	-
2.8.12.3 Flip Flops								A^	-	-
2.8.12.4 Digital to Analog/Analog to Digital Converters								A^	-	-
2.8.13 Basic Computer & Network Fundamentals										
2.8.13.1 Basic Computer and Network Fundamentals Theory								B^	-	-
2.8.13.2 Network Components								B^	-	-
2.8.13.3 Protocols								B^	-	-
2.8.13.4 Topologies (Architecture)								B^	-	-
2.8.14 Basic Communications										
2.8.14.1 Radio Frequency Theory								A^	-	-
2.8.14.2 Frequency Spectrum								A^	-	-
2.8.14.3 Modulation (AM/FM)								A^	-	-
2.8.14.4 Demodulation (AM/FM)								A^	-	-
2.8.14.5 Receivers/Transmitters								A^	B	-
2.8.14.6 Transmission Mediums Theory								A^	-	-
2.8.14.7 Waveguides								A^	A	-
2.8.14.8 Data Buses								A^	A	-
2.8.14.9 Fiber Optics								A^	A	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.8.14.10 Coaxial Cables								A^	-	-
2.8.14.11 Antennas								A^	A	-
2.9 FUNDAMENTALS OF ON-EQUIPMENT MAINTENANCE TR: Applicable TOs/General Vehicle (GV) Manual										
2.9.1 Consolidated Tool Kit (CTK)										
2.9.1.1 Inventory and Inspect CTKs								2b^	-	-
2.9.1.2 Demonstrate Proper Use of Common Tools								2b^	-	-
2.9.1.3 Demonstrate Proper Use of Torque Indicating Devices								2b^	-	-
2.9.1.4 Special Purpose Tools								-	-	-
2.9.1.5 Protection Procedures when Handling Electrostatic Sensitive Devices								B^	A	-
2.9.1.6 Identify and Perform Corrosion Control								a^	-	-
2.9.1.7 Corrosion Identification and Control								-	B	-
2.9.1.8 Tool Accountability Program								-	-	-
2.9.1.9 Lost Tool Report								-	-	-
2.9.2 Demonstrate Proper Use of Safetying Devices										
2.9.2.1 Safety Wire	*							2b^	-	-
2.10 WIRE MAINTENANCE TR: Applicable Command Directives										
2.10.1 Demonstrate										
2.10.1.1 Wire Stripping								-	-	-
2.10.1.2 Environmental Splicing								-	-	-
2.10.1.3 Bundling								-	-	-
2.10.1.4 Strain Relief								-	-	-
2.10.1.5 Continuity Checks								-	-	-
2.10.1.6 Wire Repair								-	-	-
2.10.1.7 Video Splicing								2b	-	-
2.10.1.8 Splice Fiber Optics								-	-	-
2.10.1.9 Clean Fiber Optics								-	-	-
2.10.2 Assemble Solder-Type Connections										
2.10.2.1 Terminal Connection								2b^	-	-
2.10.2.2 Multipin Connector								2b^	-	-
2.10.2.3 Coaxial Connector								2b^	-	-
2.10.2.4 Perform Desolder Procedures								2b^	-	-
2.10.3 Assemble Solderless-Type Connections										

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.10.3.1 Coaxial Connector								2b^	-	-
2.10.3.2 Multipin Connector								2b^	-	-
2.10.3.3 Twin-Axial Connector (Data Bus)								2b^	-	-
2.10.4 Miscellaneous										
2.10.4.1 Crimp Terminal Lugs								2b^	-	-
2.10.4.2 Crimp Wire Splice								2b^	-	-
2.10.4.3 Assemble Shield Termination								2b^	-	-
2.10.5 Use Wire Repair Kit(s)								2b	b	-
2.10.6 Use Heat Gun								-	b	-
2.10.7 Aircraft Wiring/Connectors										
2.10.7.1 Troubleshoot								2b	b	-
2.10.7.2 Repair								-	b	-
2.10.7.3 Replace								-	b	-
2.10.7.4 Inspect								2b	b	-
2.10.7.5 Wire Lacing								-	-	-
2.10.8 RF/Video Cables/Connectors										
2.10.8.1 Troubleshoot								2b	b	-
2.10.8.2 Replace Connector								-	b	-
2.10.8.3 Replace Cable Assembly								-	-	-
2.10.8.4 Inspect								1b	b	-
2.11 GENERAL MAINTENANCE PRACTICES TR: Applicable Command Directives										
2.11.1 Assemble Multipin Connector Harness								2b^	-	-
2.11.2 Secure Cable Harness								2b^	-	-
2.11.3 Troubleshooting Procedures										
2.11.3.1 Isolate Wire Open								2b^	-	-
2.11.3.2 Isolate Wire Short								2b^	-	-
2.11.3.3 Isolate Voltage Fault on Multipin Connector Harness								2b^	-	-
2.11.3.4 Isolate Crossed Connection on Multipin Connector Harness								2b^	-	-
2.11.4 Network Fundamentals/Data Bus Principles/Maintenance Practices										
2.11.4.1 Local Area Networks								-	-	-
2.11.4.2 MIL-STD-1553								B	-	-
2.12 SECURITY TR: Applicable Command Directives										
2.12.1 Information Security										
2.12.1.1 Classification of Information								-	-	-
2.12.2 Physical Security										
2.12.2.1 Control of Restricted Areas								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.12.2.2 Security Alert Reporting								-	-	-
2.12.2.3 Cabinet, Safe, and Room Security Forms								-	-	-
2.12.2.4 Proper Handling of Classified Materials/Controlled Cryptographic Items (CCI)								-	-	-
2.12.3 Communications Security (COMSEC)										
2.12.3.1 Use MAJCOM/SOA Essential Elements of Friendly Information (EEFI)s								-	-	-
2.12.3.2 Observe Security Precautions Involved in Communications								-	-	-
2.12.4 Operations Security (OPSEC)										
2.12.4.1 Specific Vulnerabilities of AFSC 2A3X4								-	-	-
2.12.4.2 Physical Security of Resources								-	-	-
2.13 MAINTENANCE INSPECTION SYSTEMS & FORMS TR: Applicable Command Directives										
2.13.1 Purpose of the Maintenance Information System (MIS)								A^	-	-
2.13.2 Aircraft Inspection Systems								-	A	-
2.13.3 Identify Historical Records								-	-	-
2.13.4 Identify Status Reports								-	-	-
2.13.5 Configuration Management (Aircraft/Equipment Records)								-	-	-
2.13.6 Job Data Documentation (JDD)								-	-	-
2.13.7 Operate Applicable MIS (IMDS, GO81, ECSS)										
2.13.7.1 Create Discrepancy								-	-	-
2.13.7.2 Schedule Discrepancy								-	-	-
2.13.7.3 Defer Discrepancy								-	-	-
2.13.7.4 Transfer Discrepancy								-	-	-
2.13.7.5 Sign-Off Discrepancy								-	-	-
2.13.7.6 Supply Transactions								-	-	-
2.13.7.7 Maintenance/Supervision Transactions								-	-	-
2.13.7.8 Order Aircraft Parts								-	-	-
2.13.7.9 Enter Maintenance Transactions	*							2b	-	-
2.13.8 Joint Deficiency Reporting System										
2.13.8.1 Purpose of Joint Deficiency Reporting System								-	A	-
2.13.8.2 Complete Deficiency Reports								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.13.8.3 Report Software Deficiencies								-	-	-
2.13.9 Aircraft/Equipment Maintenance Forms NOTE: The STS contains separate line items for technical school requirements (column 4A) and CDC requirements (column 4B/C). Units are encouraged to use the tasks in 2.13.9.12 as work center requirements when necessary, not the tasks in 2.13.9										
2.13.9.1 Maintenance Data Collection Forms								B	A	-
2.13.9.2 AFTO Form 781A								-	A	-
2.13.9.3 AFTO Form 781B								-	A	-
2.13.9.4 AFTO Form 781C								-	-	-
2.13.9.5 AFTO Form 781F								-	-	-
2.13.9.6 AFTO Form 781H								-	A	-
2.13.9.7 AFTO Form 781J								-	-	-
2.13.9.8 AFTO Form 781K								-	A	-
2.13.9.9 AFTO Form 781M								-	-	-
2.13.9.10 AFTO Form 244/245								-	-	-
2.13.9.11 AF Form 1492 - Warning Tags								-	-	-
2.13.9.12 Complete Maintenance Data Collection Forms										
2.13.9.12.1 AFTO Form 781A	*							2b	-	-
2.13.9.12.2 AFTO Form 781B								1b	-	-
2.13.9.12.3 AFTO Form 781C								-	-	-
2.13.9.12.4 AFTO Form 781F								-	-	-
2.13.9.12.5 AFTO Form 781H	*							2b	-	-
2.13.9.12.6 AFTO Form 781J								-	-	-
2.13.9.12.7 AFTO Form 781K	*							2b	-	-
2.13.9.12.8 AFTO Form 781M								-	-	-
2.13.9.12.9 AFTO Form 244/245	*							2b	-	-
2.13.9.12.10 AF Form 1492 - Warning Tags								2b	-	-
2.13.9.12.11 AFTO 349								-	-	-
2.14 SUPPLY DISCIPLINE TR: Applicable Command Directives										
2.14.1 Property Accountability and Responsibility								A^	A	-
2.14.2 Principles of Equipment Authorization and Management								-	-	-
2.14.3 AFTO Form 350	*							2b	-	-
2.14.4 Back Order Verification								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.14.5 Document Equipment Condition Tags								2b^	b	-
2.14.6 Issue/Turn-In Requests								-	A	-
2.14.7 Maintenance Supply Concepts								A	A	-
2.14.8 Supply Documents Management								-	-	-
2.14.9 Equipment Account Management								-	-	-
2.14.10 Priority System								-	-	-
2.14.11 Classified Asset Handling								-	-	-
2.14.12 Wireless Communication Devices								-	-	-
2.14.13 Depot Level Repair								-	-	-
2.14.14 Repair Cycle Assets								-	A	-
2.14.15 Use Standard Base Supply System (SBSS)								-	-	-
2.14.16 Use Fed Log								-	-	-
2.14.17 Supply Products										
2.14.17.1 D04 (Daily Document Register)								-	-	-
2.14.17.2 D18 (Priority Monitor List)								-	-	-
2.14.17.3 M30 (Due-Out Validation Listing)								-	-	-
2.15 AIRCRAFT FAMILIARIZATION TR: Applicable Aircraft TOs/General System (GS)/General Vehicle (GV) Manuals										
2.15.1 Major Structural Areas								A	-	-
2.15.2 Major Systems								A	-	-
2.15.3 Danger Areas								B	-	-
2.15.4 Egress System										
2.15.4.1 Operate	*							-	-	-
2.15.4.2 Canopy	*							-	-	-
2.15.4.3 Seat Adjustment	*							-	-	-
2.15.4.4 Install Safety Pins	*							-	-	-
2.15.4.5 Remove Safety Pins	*							-	-	-
2.15.5 Launch/Recover Aircraft										
2.15.5.1 Launch Aircraft (B-man)								-	-	-
2.15.5.2 Recover Aircraft (B-man)								-	-	-
2.15.6 Powered AGE										
2.15.6.1 Bleed Air Cart										
2.15.6.1.1 Perform Pre-use Inspection								-	-	-
2.15.6.1.2 Use								-	-	-
2.15.6.2 Heaters and Blowers										
2.15.6.2.1 Perform Pre-use Inspection								-	-	-
2.15.6.2.2 Use								-	-	-
2.15.6.3 Air Conditioning Units										

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.15.6.3.1 Perform Pre-use Inspection								-	-	-
2.15.6.3.2 Use								-	-	-
2.15.6.4 Portable Light Equipment										
2.15.6.4.1 Perform Pre-use Inspection								-	-	-
2.15.6.4.2 Use								-	-	-
2.15.6.5 Air Compressors										
2.15.6.5.1 Perform Pre-use Inspection								-	-	-
2.15.6.5.2 Use								-	-	-
2.15.6.6 External Electrical Power Generators										
2.15.6.6.1 Perform Pre-use Inspection								2b	-	-
2.15.6.6.2 Use								2b	-	-
2.15.6.7 Hydraulic Test Stand										
2.15.6.7.1 Perform Pre-use Inspection								2b	-	-
2.15.6.7.2 Use								2b	-	-
2.15.6.7.3 Bleed								2b	-	-
2.15.6.8 Nitrogen Servicing Equipment										
2.15.6.8.1 Perform Pre-use Inspection								-	-	-
2.15.6.8.2 Use								-	-	-
2.15.6.9 Hydraulic Servicing Cart										
2.15.6.9.1 Perform Pre-use Inspection								-	-	-
2.15.6.9.2 Use								-	-	-
2.15.7 Use Non-Powered AGE										
2.15.7.1 Maintenance Platform (B-1)								2b	-	-
2.15.7.2 Maintenance Platform (B-2)								-	-	-
2.15.7.3 Maintenance Platform (B-4)								2b	-	-
2.15.7.4 Maintenance Platform (B-5)								-	-	-
2.15.7.5 Maintenance Platform (B-6)								-	-	-
2.15.7.6 Maintenance Platform (B-7)								-	-	-
2.15.7.7 Maintenance Platform (C-1)								-	-	-
2.15.7.8 Aircraft Jacks										
2.15.7.8.1 Perform Pre-use Inspection								-	-	-
2.15.7.8.2 Use								-	-	-
2.15.7.9 Cranes								-	-	-
2.15.8 Tow Aircraft										
2.15.8.1 Wing/Tail Walker								-	-	-
2.15.8.2 Aircraft Brake Operator								-	-	-
2.15.8.3 Tow Team Supervisor								-	-	-
2.15.9 Aircraft General										
2.15.9.1 Clean Aircraft								-	-	-
2.15.9.2 Jack and Level Aircraft										
2.15.9.2.1 Jacking Team Member								-	-	-
2.15.9.2.2 Jacking Supervisor								-	-	-
2.15.9.3 Marshall Aircraft								-	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.15.9.4 Moor Aircraft								-	-	-
2.15.9.5 Concurrent Servicing Operation								-	-	-
2.16 FUNDAMENTALS OF AVIONICS SYSTEMS MAINTENANCE TR: Applicable Aircraft TOs/General System (GS)/General Vehicle (GV) Manuals										
2.16.1 Source of EMI										
2.16.1.1 Identification								B^	-	-
2.16.1.2 Elimination								-	-	-
2.16.2 Source of Radio Frequency Interference (RFI)										
2.16.2.1 Identification								A	-	-
2.16.3 Remove and Install Components NOTE: Qualification in line items 2.16.3.1 through 2.16.3.13 qualifies the individual on all similar system components unless identified separately in the specific system or in writing by the supervisor.										
2.16.3.1 Shock Mounted Components	*							-	-	-
2.16.3.2 Tray Mounted Components	*							-	-	-
2.16.3.3 Rack Mounted Components								-	-	-
2.16.3.4 Console Mounted Components	*							-	-	-
2.16.3.5 Aircraft Surface Mounted Components	*							-	-	-
2.16.3.6 Clamp Mounted Components	*							-	-	-
2.16.3.7 Bezel Mounted Components								-	-	-
2.16.3.8 Latch Mounted Components								-	-	-
2.16.3.9 Bulkhead Mounted	*							-	-	-
2.16.3.10 Equipment Mounted								-	-	-
2.16.3.11 Minor Parts and Hardware (i.e. relays, switches, bulbs, circuit breakers)	*							-	-	-
2.16.3.12 Chassis Mounted								-	-	-
2.16.3.13 Instrument Panel Mounted	*							-	-	-
2.16.4 Protect										
2.16.4.1 Exposed Electrical Connectors	*							A	A	-
2.16.4.2 Open Pressure Lines	*							A	A	-
2.16.4.3 Open Waveguides	*							A	A	-
2.16.5 Perform Aircraft Safe for Maintenance Check	*							2b	-	-

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.16.6 Chafing (Causes, Prevention, Identification)								A	A	-
2.16.7 Advanced Troubleshooting										
2.16.7.1 Process								-	B	-
2.16.7.2 Philosophy								-	B	-
2.17 GENERAL AIRCRAFT TASKS TR: Applicable Airframe TOs										
2.17.1 Open/Close										
2.17.1.1 Panels	*							-	-	-
2.17.1.2 Doors	*							-	-	-
2.17.2 Hydraulic Systems										
2.17.2.1 Service								-	-	-
2.17.2.2 Inspect								-	-	-
2.17.3 Pneumatic System										
2.17.3.1 Service								-	-	-
2.17.3.2 Inspect								-	-	-
2.17.3.3 Take Engine Oil Samples Joint Oil Analysis Program (JOAP)								-	-	-
2.17.4 Aircraft Fuel Systems										
2.17.4.1 Refuel Aircraft (Normal)										
2.17.4.1.1 Refuel Team Member								-	-	-
2.17.4.1.2 Refuel Team Supervisor								-	-	-
2.17.4.2 Refuel Aircraft (With Engines Operating)										
2.17.4.2.1 Refuel Team Member								-	-	-
2.17.4.2.2 Refuel Team Supervisor								-	-	-
2.17.4.3 Defuel Aircraft										
2.17.4.3.1 Defuel Team Member								-	-	-
2.17.4.3.2 Defuel Team Supervisor								-	-	-
2.18 ANCILLARY COMMON TASKS TR: Applicable Aircraft TOs/General System (GS)/General Vehicle (GV) Manuals										
2.18.1 Aircraft Structural Integrity Program (ASIP)										
2.18.1.1 Overview								-	-	-
2.18.1.2 Monitor								-	-	-
2.18.2 Serene BYTE /PACER Ware Program										
2.18.2.1 Overview								-	-	-
2.18.2.2 Monitor								-	-	-
2.18.3 Radar Warning Receiver (RWR)/Radar Threat Warning (RTHW) Program										

GENERAL TRAINING REQUIREMENTS

1 Tasks, Knowledge And Technical References	2 Core Tasks		3 Certification For OJT					4 Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
2.18.3.1 Overview								-	-	-
2.18.3.2 Monitor								-	-	-
2.18.4 Identification Friend or Foe (IFF) Program										
2.18.4.1 Schedule Checks								-	-	-
2.18.4.2 Procedures								-	-	-
2.19 USE TEST EQUIPMENT TR: Applicable Aircraft TOs/General System (GS)/General Vehicle (GV) Manuals										
2.19.1 Air Data Tester								-	-	-
2.19.2 Thru-line WATT Meter								-	-	-
2.19.3 Time Domain Reflectometer								-	-	-
2.19.4 Ultrasonic Leak Detector								-	-	-
2.19.5 Joint Service Electronic Combat Systems Test Set (JSECST)		*						-	-	-
2.19.6 Aeroflex Radio Test Set								-	-	-
2.19.7 Crypto-fill Devices										
2.19.7.1 Simplified Key Loader								-	A	-
2.19.7.2 Data Managing Device (DMD)								-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 3 – A-10 Training Requirements. **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated.										
3. A-10 AVIONIC SYSTEMS APPRENTICE / JOURNEYMAN / CRAFTSMAN										
3.1 A-10 GENERAL										
3.1.1 Windscreen (A-10)								-	-	-
3.1.2 Mux Bus connector										
3.1.2.1 Install								-	-	-
3.1.2.2 Inspect								-	-	-
3.1.3 Shielded Splices										
3.1.3.1 Install								-	-	-
3.1.3.2 Inspect								-	-	-
3.1.4 Trace System Diagrams	*							b	-	-
3.1.5. A-10 Test Equipment										
3.1.5.1 Wattmeter								-	-	-
3.1.5.2 CAPRE								-	-	-
3.1.5.3 Triple Airspeed Switch Lightbox								-	-	-
3.1.5.4 Break-out Boxes								-	-	-
3.1.5.5 Ultrasonic Leak Detector								-	-	-
3.1.6 Remove and Replace LRU Batteries								-	-	-
3.2 ATTACK CONTROL SYSTEMS TR: Applicable Airframe TOs										
3.2.1 A-10 Embedded Global Position / Inertial Navigation System (EGI)										
3.2.1.1 Theory of Operation								A	B	-
3.2.1.2 Perform Operational Checkout	*							-	-	-
3.2.1.3 Perform Maintenance BIT	*							2b	-	-
3.2.1.4 Isolate Malfunctions	*							b	-	-
3.2.1.5 Perform Advanced Troubleshooting		*						-	-	-
3.2.1.6 Load GPS Key	*							-	-	-
3.2.2 A-10 Head-Up-Display (HUD)										
3.2.2.1 Theory of Operation								-	B	-
3.2.2.2 Perform Operational Checkout	*							-	-	-
3.2.2.3 Isolate Malfunctions	*							-	-	-
3.2.2.4 Perform Advanced Troubleshooting		*						-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.2.2.5 Remove and Install HUD	*							1b	-	-
3.2.2.6 Perform HUD Alignment								-	-	-
3.2.3 A-10 1553/1760 Data Bus										
3.2.3.1 Theory of Operation								A	B	-
3.2.3.2 Isolate Malfunctions	*							-	-	-
3.2.3.3 Perform Advanced Troubleshooting		*						-	-	-
3.2.3.4 Remove and Install Bus couplers								-	-	-
3.2.4 A-10 Data Transfer System										
3.2.4.1 Theory of Operation								-	B	A
3.2.4.2 Perform Operational Checkout	*							-	-	-
3.2.4.3 Isolate Malfunctions	*							-	-	-
3.2.4.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.5 A-10 Low Altitude Safety Target Enhancement System (LASTE)										
3.2.5.1 Theory of Operation								A	A	B
3.2.5.2 Perform Operational Checkout	*							2b	-	-
3.2.5.3 Isolate Malfunctions	*							b	-	-
3.2.5.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.6 A10 Multi-Function Color Display (MFCD)										
3.2.6.1 Theory of Operation								A	A	-
3.2.6.2 Perform Operational Checkout/MFCD BIT	*							-	-	-
3.2.6.3 Isolate Malfunctions	*							-	-	-
3.2.6.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.6.5 Remove and Install MFCD & Bezel								2b	-	-
3.2.7 Up Front Controller (UFC) (A-10C)										
3.2.7.1 Theory of Operation								A	A	-
3.2.7.2 Perform Operational Checkout	*							-	-	-
3.2.7.3 Isolate Malfunctions	*							-	-	-
3.2.7.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.7.5 Remove and Install UFC & Bezel	*							-	-	-
3.2.8 A10 Armament HUD Control Panel (AHCP)										
3.2.8.1 Theory of Operation								A	A	A
3.2.8.2 Perform Operational Checkout	*							-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.2.8.3 Isolate Malfunctions	*							-	-	-
3.2.8.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.8.5 Perform Hands on Throttle and Stick (HOTAS) Bit	*							-	-	-
3.2.9 Central Interface Control Unit (CICU) (A10C)										
3.2.9.1 Theory of Operation								A	A	B
3.2.9.2 Perform Bit	*							2b	-	-
3.2.9.3 Isolate Malfunctions	*							-	-	-
3.2.9.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.9.5 Upload and Verify OFP								-	-	-
3.2.10 A-10 Color Cockpit TV Sensor (CCTVS)/Digital Video Airborne Data Recorder (DVADR)										
3.2.10.1 Theory of Operation								A	A	A
3.2.10.2 Perform Operational Checkout	*							-	-	-
3.2.10.3 Isolate Malfunctions	*							-	-	-
3.2.10.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.11 Helmet Mounted Cueing System (HMCS)										
3.2.11.1 Theory of Operation		*						A	B	B
3.2.11.2 Perform Operational Checkout	*							-	-	-
3.2.11.3 Isolate Malfunction	*							-	-	-
3.2.11.4 Perform Advanced Troubleshooting		*						-	-	-
3.2.11.5 Load and Verify Software								-	-	-
3.2.12 Portable Automated Test Station (PATS)										
3.2.12.1 Configure PATS	*							2b	-	-
3.2.12.2 Operate PATS	*							2b	-	-
3.2.12.3 Isolate Aircraft Malfunctions	*							-	-	-
3.2.12.4 Load and Verify OFP	*							-	-	-
3.3 INSTRUMENT/FLIGHT CONTROL SYSTEMS (A-10) TR: Applicable Airframe TOs										
3.3.1 A-10 Fuel Quantity System										
3.3.1.1 Theory of Operation								A	B	A
3.3.1.2 Perform										
3.3.1.2.1 Indicator Checkout	*							-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.3.1.2.2 Capacitance/Resistance Checkout	*							-	-	-
3.3.1.2.3 Calibration	*							1b	-	-
3.3.1.3 Isolate Malfunctions	*							b	-	-
3.3.1.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.2 A-10 Heading Attitude Reference System (HARS) / Magnetic Azmuth Detector (MAD) / Standby Compass										
3.3.2.1 HARS										
3.3.2.1.1 Theory of Operation								A	A	A
3.3.2.1.2 Perform Operational Checkout	*							-	-	-
3.3.2.1.3 Isolate Malfunctions	*							-	-	-
3.3.2.1.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.2.2 Magnetic Azimuth Detector (MAD)										
3.3.2.2.1 Perform Alignment								-	-	-
3.3.2.3 Standby Compass										
3.3.2.3.1 Perform Alignment								-	-	-
3.3.3 A-10 Counting Accelerometer System										
3.3.3.1 Theory of Operation								-	A	-
3.3.3.2 Perform Operational Checkout	*							-	-	-
3.3.3.3 Isolate Malfunctions								-	-	-
3.3.4 A-10 Engine/Hydraulic Instruments										
3.3.4.1 A-10 Hydraulic Pressure Indicating System										
3.3.4.1.1 Theory of Operation								A	A	-
3.3.4.1.2 Perform Operational Checkout	*							-	-	-
3.3.4.1.3 Isolate Malfunctions	*							-	-	-
3.3.4.2 Oil Pressure Indicating / Warning System										
3.3.4.2.1 Theory of Operation								-	A	-
3.3.4.2.2 Perform Operational Checkout								-	-	-
3.3.4.2.3 Isolate Malfunctions	*							-	-	-
3.3.4.3 Core Speed Indicating System										
3.3.4.3.1 Theory of Operation								A	A	-
3.3.4.3.2 Perform Operational Checkout								-	-	-
3.3.4.3.3 Isolate Malfunctions	*							-	-	-
3.3.4.4 Fan Speed Indicating System										
3.3.4.4.1 Theory of Operation								-	A	-
3.3.4.4.2 Perform Operational Checkout								-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.3.4.4.3 Isolate Malfunctions	*							-	-	-
3.3.4.5 Interstage Turbine Temperature Indicating System										
3.3.4.5.1 Theory of Operation								-	A	-
3.3.4.5.2 Perform Operational Checkout								-	-	-
3.3.4.5.3 Isolate Malfunctions	*							-	-	-
3.3.4.6 Fuel Flow Indicating System										
3.3.4.6.1 Theory of Operation								A	A	-
3.3.4.6.2 Perform Operational Checkout								-	-	-
3.3.4.6.3 Isolate Malfunctions	*							-	-	-
3.3.5 A-10 Flight Instrument Systems										
3.3.5.1 Pitot-Static System										
3.3.5.1.1 Theory of Operation								A	B	A
3.3.5.1.2 Perform										
3.3.5.1.2.1 Leak Check	*							b	-	-
3.3.5.1.2.2 Inspection	*							-	-	-
3.3.5.1.2.3 Altimeter / Airspeed Operational Checkout	*							-	-	-
3.3.5.1.3 Isolate Malfunctions	*							-	-	-
3.3.5.1.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.5.2 Central Air Data Computer (CADC)										
3.3.5.2.1 Theory of Operation								A	A	-
3.3.5.2.2 Perform Operational Checkout	*							2b	-	-
3.3.5.2.3 Isolate Malfunctions	*							-	-	-
3.3.5.2.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.5.3 Altimeter										
3.3.5.3.1 Theory of Operation								A	A	-
3.3.5.3.2 Isolate Malfunctions	*							-	-	-
3.3.5.3.3 Zero Adjust Settings								-	-	-
3.3.5.4 Vertical Velocity Indicator										
3.3.5.4.1 Theory of Operation								-	A	-
3.3.5.4.2 Perform Operational Checkout	*							-	-	-
3.3.5.4.3 Isolate Malfunctions	*							-	-	-
3.3.5.4.4 Calibrate								-	-	-
3.3.5.5 Airspeed Indicator										
3.3.5.5.1 Theory of Operation								A	A	-
3.3.5.5.2 Isolate Malfunctions	*							-	-	-
3.3.5.6 Attitude Director Indicator (ADI)										
3.3.5.6.1 Theory of Operation								A	A	-
3.3.5.6.2 Perform Operational Checkout	*							-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.3.5.6.3 Isolate Malfunctions	*							-	-	-
3.3.5.7 Standby Attitude Indicator (AI)										
3.3.5.7.1 Theory of Operation								-	A	-
3.3.5.7.2 Perform Operational Checkout								-	-	-
3.3.5.7.3 Isolate Malfunctions								-	-	-
3.3.6 A-10 Angle-Of-Attack System										
3.3.6.1 Theory of Operation								A	B	-
3.3.6.2 Perform Operational Checkout	*							-	-	-
3.3.6.3 Isolate Malfunctions	*							-	-	-
3.3.6.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.6.5 Perform Stick Shaker Operational Checkout	*							-	-	-
3.3.7 A-10 Horizontal Situation Indicator (HSI)										
3.3.7.1 Theory of Operation								A	A	-
3.3.7.2 Perform Operational Checkout	*							-	-	-
3.3.7.3 Isolate Malfunctions	*							-	-	-
3.3.7.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.8 A-10 Flight Director Computer (FDC)										
3.3.8.1 Theory of Operation								A	A	A
3.3.8.2 Perform Operational Checkout	*							-	-	-
3.3.8.3 Isolate Malfunctions	*							-	-	-
3.3.9 A-10 Acceleration Indicator (G- Meter)										
3.3.9.1 Theory of Operation								-	-	-
3.3.9.2 Isolate Malfunctions								-	-	-
3.3.10 A-10 Flight Control Systems										
3.3.10.1 Stability Augmentation System (SAS)										
3.3.10.1.1 Theory of Operation								A	B	A
3.3.10.1.2 Perform Operational Checkout	*							2b	-	-
3.3.10.1.3 Isolate Malfunctions	*							-	-	-
3.3.10.1.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.10.1.5 Adjust LVDT/Align System		*						-	-	-
3.3.10.2 Alpha Mach System/Stall Warning System (Slats)										
3.3.10.2.1 Theory of Operation								A	B	A
3.3.10.2.2 Perform Operational Checkout	*							-	-	-
3.3.10.2.3 Isolate Malfunctions	*							-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.3.10.2.4 Perform Advanced Troubleshooting		*						-	-	-
3.3.10.3 Flaps										
3.3.10.3.1 Theory of Operation								A	A	-
3.3.10.3.2 Perform Operational Checkout								-	-	-
3.3.10.3.3 Isolate Malfunctions								-	-	-
3.3.11 A-10 Turbine Engine Monitoring (TEMS) System										
3.3.11.1 Theory of Operation								-	B	A
3.3.11.2 Read TEMS data								-	-	-
3.3.11.3 Isolate Malfunctions								-	-	-
3.3.11.4 Download IEPU	*							-	-	-
3.3.11.5 Upload and Verify OFP	*							-	-	-
3.3.12 A-10 Aircraft Clock										
3.3.12.1 Theory of Operation								-	-	-
3.3.12.2 Perform Operational Checkout								-	-	-
3.3.12.3 Isolate Malfunctions								-	-	-
3.3.12.4 Replace Battery								-	-	-
3.4 COMMUNICATION, NAVIGATION, and PENETRATION AIDS SYSTEMS TR: Applicable Airframe TOs										
3.4.1 A-10 UHF/ADF Communications System										
3.4.1.1 Theory of Operation								-	A	-
3.4.1.2 Perform Operational Checkout	*							-	-	-
3.4.1.3 Isolate Malfunctions	*							-	-	-
3.4.1.4 Perform Advanced Troubleshooting								-	-	-
3.4.1.5 Load Have-Quick	*							-	-	-
3.4.2 A-10 ARC-210 UHF/VHF Communication System										
3.4.2.1 Theory of Operation								A	B	-
3.4.2.2 Perform Operational Checkout	*							2b	-	-
3.4.2.3 Isolate Malfunctions	*							b	-	-
3.4.2.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.2.5 Load and verify OFP	*							-	-	-
3.4.3 A-10 Interphone										
3.4.3.1 Theory of Operation								A	A	-
3.4.3.2 Perform Operational Checkout	*							-	-	-
3.4.3.3 Isolate Malfunctions	*							-	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.4.3.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.4 A-10 Secure Voice										
3.4.4.1 Theory of Operation								A	B	-
3.4.4.2 Perform Operational Checkout								-	-	-
3.4.4.3 Isolate Malfunctions								-	-	-
3.4.4.4 Perform Advanced Troubleshooting								-	-	-
3.4.4.5 Code/Decode KY Unit	*							-	-	-
3.4.5 Improved Data Modem (IDM)										
3.4.5.1 Theory of Operation								A	A	A
3.4.5.2 Perform Operational Checkout								-	-	-
3.4.5.3 Isolate Malfunctions								-	-	-
3.4.5.4 Perform Advanced Troubleshooting								-	-	-
3.4.6 Situation Awareness Data Link (SADL)										
3.4.6.1 Theory of Operation								A	B	A
3.4.6.2 Perform Operational Checkout	*							-	-	-
3.4.6.3 Isolate Malfunctions	*							-	-	-
3.4.6.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.6.5 Enter Encryption Codes	*							-	-	-
3.4.7 A-10 Instrument Landing System (ILS)										
3.4.7.1 Theory of Operation								A	B	-
3.4.7.2 Perform Operational Checkout	*							2b	-	-
3.4.7.3 Isolate Malfunctions	*							-	-	-
3.4.7.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.8 A-10 Tactical Air Navigation (TACAN) System										
3.4.8.1 Theory of Operation								A	B	-
3.4.8.2 Perform Operational Checkout	*							2b	-	-
3.4.8.3 Isolate Malfunctions	*							-	-	-
3.4.8.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.9 A-10 Identification Friend-Or-Foe (IFF)										
3.4.9.1 Theory of Operation								A	B	-
3.4.9.2 Perform Operational Checkout	*							2b	-	-
3.4.9.3 Isolate Malfunctions	*							b	-	-

A-10 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
3.4.9.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.9.5 Load/Verify	*							-	-	-
3.4.10 A-10 Lightweight Airborne Recovery System (LARS)										
3.4.10.1 Theory of Operation								A	B	B
3.4.10.2 Perform Operational Checkout								-	-	-
3.4.10.3 Isolate Malfunctions								-	-	-
3.4.10.4 Perform Advanced Troubleshooting								-	-	-
3.4.10.5 Load/Verify Crypto/Software								-	-	-
3.4.11 A-10 Radar Warning Receiver (RWR) ALR-69 System										
3.4.11.1 Theory of Operation								A	B	-
3.4.11.2 Perform Operational Checkout	*							-	-	-
3.4.11.3 Isolate Malfunctions	*							b	-	-
3.4.11.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.11.5 Load/Verify/Reprogram System	*							-	-	-
3.4.12 A-10 Countermeasures Dispenser ALE-40/47										
3.4.12.1 Theory of Operation								A	B	-
3.4.12.2 Perform Operational Checkout	*							2b	-	-
3.4.12.3 Isolate Malfunctions	*							b	-	-
3.4.12.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.13 A-10 Countermeasures Set (CMS) AN/ALQ-213										
3.4.13.1 Theory of Operation								A	A	A
3.4.13.2 Perform Operational Checkout	*							-	-	-
3.4.13.3 Isolate Malfunctions	*							-	-	-
3.4.13.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.13.5 Load/Verify/Reprogram System	*							2b	-	-
3.4.14 A-10 Infrared Countermeasures AAR-47										
3.4.14.1 Theory of Operation								A	A	A
3.4.14.2 Perform Operational Checkout	*							2b	-	-
3.4.14.3 Isolate Malfunctions	*							-	-	-
3.4.14.4 Perform Advanced Troubleshooting		*						-	-	-
3.4.14.5 Load/Verify/Reprogram System	*							-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 4 – F-15 Training Requirements **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated.										
4. F-15 AVIONIC SYSTEMS APPRENTICE/ JOURNEYMAN/ CRAFTSMAN										
4.1 F-15 GENERAL										
4.1.1 Waveguides										
4.1.1.1 Remove								-	-	-
4.1.1.2 Install								-	-	-
4.1.1.3 Inspect	*							-	A	-
4.1.2 Load/Verify/Reprogram Systems										
4.1.2.1 Use Reprograming Equipment								-	-	-
4.1.2.2 Use Fiber Optic Testing Equipment								-	-	-
4.1.3 Use Boresight Equipment								-	-	-
4.1.4 Radomes								-	-	-
4.2 ATTACK CONTROL SYSTEMS TR: Applicable Airframe TOs										
4.2.1 Weapons Control - Radar System										
4.2.1.1 APG-63										
4.2.1.1.1 Theory of Operation	*							-	-	-
4.2.1.1.2 Trace System Diagrams								-	-	-
4.2.1.1.3 Perform										
4.2.1.1.3.1 Operational Checkout	*							-	-	-
4.2.1.1.3.2 Pressurization Check								-	-	-
4.2.1.1.3.3 Radar Built in Test (BIT)								-	-	-
4.2.1.1.3.4 Vertical Situation Display (VSD) BIT								-	-	-
4.2.1.1.4 Isolate Malfunctions	*							-	-	-
4.2.1.1.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.1.1.6 Remove and Install										
4.2.1.1.6.1 Transmitter	*							2b	-	-
4.2.1.1.6.2 Antenna	*							-	-	-
4.2.1.1.6.3 VSD								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.1.2 APG-63(V)1										
4.2.1.2.1 Theory of Operation	*							-	A	-
4.2.1.2.2 Trace System Diagrams								-	-	-
4.2.1.2.3 Perform										
4.2.1.2.3.1 Operational Checkout	*							-	-	-
4.2.1.2.3.2 Pressurization Check								-	-	-
4.2.1.2.3.3 Radar BIT								-	-	-
4.2.1.2.3.4 VSD BIT								-	-	-
4.2.1.2.4 Isolate Malfunctions	*							-	-	-
4.2.1.2.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.1.2.6 Remove and Install										
4.2.1.2.6.1 Transmitter	*							-	-	-
4.2.1.2.6.2 Antenna	*							-	-	-
4.2.1.2.6.3 VSD								-	-	-
4.2.1.3 APG-63 V3 (F-15C/D)										
4.2.1.3.1 Theory of Operation	*							-	A	-
4.2.1.3.2 Trace System Diagrams								-	-	-
4.2.1.3.3 Perform										
4.2.1.3.3.1 Operational Checkout	*							-	-	-
4.2.1.3.3.2 BIT								-	-	-
4.2.1.3.4 Isolate Malfunctions	*							-	-	-
4.2.1.3.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.1.3.6 Remove and Install										
4.2.1.3.6.1 Antenna	*							-	-	-
4.2.1.3.6.2 Antenna Power Supply (APS)	*							-	-	-
4.2.1.4 APG-70 (F-15C/D/E)										
4.2.1.4.1 Theory of Operation	*							B	B	-
4.2.1.4.2 Trace System Diagrams								b	-	-
4.2.1.4.3 Perform										
4.2.1.4.3.1 Operational Checkout	*							-	-	-
4.2.1.4.3.2 Pressurization Check								-	-	-
4.2.1.4.3.3 BIT								-	-	-
4.2.1.4.4 Isolate Malfunctions	*							b	-	-
4.2.1.4.5 Perform Advanced Troubleshooting		*						-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.1.4.6 Remove and Install										
4.2.1.4.6.1 Transmitter	*							-	-	-
4.2.1.4.6.2 Antenna	*							-	-	-
4.2.1.5 APG-82(v)1 Radar Modernization Program (RMP) (F-15E)										
4.2.1.5.1 Theory of Operation	*							B	B	-
4.2.1.5.2 Trace System Diagrams								-	-	-
4.2.1.5.3 Perform										
4.2.1.5.3.1 Operational Checkout	*							2b	-	-
4.2.1.5.3.2 BIT								-	-	-
4.2.1.5.4 Isolate Malfunctions	*							-	-	-
4.2.1.5.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.1.5.6 Remove and Install										
4.2.1.5.6.1 Modules	*							-	-	-
4.2.1.5.6.2 Chassis								-	-	-
4.2.1.5.6.3 Antenna Transformer Rectifier Unit (ATRU)								-	-	-
4.2.1.5.6.4 Radar Power Supply								-	-	-
4.2.1.5.6.5 Antenna Active Electronically Scanned Array (AESA)								-	-	-
4.2.1.5.6.6 High Speed Radar Data Bus Fiber Optic Cable								-	-	-
4.2.2 F-15 Overload Warning System (OWS)										
4.2.2.1 Theory of Operation								B	B	-
4.2.2.2 Trace System Diagrams								-	-	-
4.2.2.3 Perform Matrix Readout and ASP 72 Reset		*						-	-	-
4.2.2.4 Perform Operational Checkout										
4.2.2.4.1 With Adapter Cable								-	-	-
4.2.2.4.2 Without Adapter Cable								-	-	-
4.2.2.5 Isolate Malfunctions								-	-	-
4.2.2.6 Perform Advanced Troubleshooting								-	-	-
4.2.3 F-15 Head-Up-Display (HUD) Systems										
4.2.3.1 F-15A-D HUD System										

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.3.1.1 Theory of Operation								-	A	-
4.2.3.1.2 Trace System Diagrams								-	-	-
4.2.3.1.3 Perform Operational Checkout	*							-	-	-
4.2.3.1.4 Isolate Malfunctions	*							-	-	-
4.2.3.1.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.3.1.6 Remove and Install HUD	*							2b	-	-
4.2.3.2 F-15E HUD System										
4.2.3.2.1 Theory of Operation								A	A	-
4.2.3.2.2 Trace System Diagrams								b	-	-
4.2.3.2.3 Perform Operational Checkout	*							2b	-	-
4.2.3.2.4 Isolate Malfunctions	*							b	-	-
4.2.3.2.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.4 F-15 Inertial Navigation System (INS)										
4.2.4.1 Theory of Operation								-	B	-
4.2.4.2 Trace System Diagrams								-	-	-
4.2.4.3 Perform BIT and Alignment Checkout	*							-	-	-
4.2.4.4 Isolate Malfunctions								-	-	-
4.2.4.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.4.6 Remove/Install Inertial Navigation Unit	*							-	-	-
4.2.5 F-15 Embedded Global Positioning System/Inertial Navigation System (EGI)										
4.2.5.1 Theory of Operation		*						A	B	-
4.2.5.2 Trace System Diagrams								b	-	-
4.2.5.3 Perform										
4.2.5.3.1 Operational Checkout	*							2b	-	-
4.2.5.3.2 BIT								-	-	-
4.2.5.4 Isolate Malfunctions	*							b	-	-
4.2.5.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.5.6 Load										
4.2.5.6.1 GPS key (SA/AS Crypto Variables)								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.5.6.2 Almanac Data								-	-	-
4.2.6 F-15 Central Computer (CC) System										
4.2.6.1 Theory of Operation	*							B	B	-
4.2.6.2 Trace System Diagrams								b	-	-
4.2.6.3 Perform										
4.2.6.3.1 Operational Checkout								-	-	-
4.2.6.3.2 CC Memory Inspect Procedure										
4.2.6.3.2.1 F-15 A-D								-	-	-
4.2.6.4 Isolate Malfunctions								b	-	-
4.2.6.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.7 Advanced Display Core Processor (ADCP)										
4.2.7.1 Theory of Operation	*							B	B	-
4.2.7.2 Trace System Diagrams								-	-	-
4.2.7.3 Perform										
4.2.7.3.1 Operational Checkout	*							2b	-	-
4.2.7.3.2 ADCP Memory Inspect Procedure (Audit)	*							-	-	-
4.2.7.3.3 Nonvolatile Random Access Memory (NVRAM) Reset								-	-	-
4.2.7.4 Isolate Malfunctions	*							-	-	-
4.2.7.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.8 Digital Video Recording System (DVRS)										
4.2.8.1 Theory of Operation								-	A	-
4.2.8.2 Trace System Diagrams								-	-	-
4.2.8.3 Perform Operational Checkout								-	-	-
4.2.8.4 Isolate Malfunctions								-	-	-
4.2.8.5 Perform Advanced Troubleshooting								-	-	-
4.2.8.6 Remove and Install System LRUs								-	-	-
4.2.9 F-15E Digital Map System (DMS)										
4.2.9.1 Theory of Operation								-	A	-
4.2.9.2 Trace System Diagrams								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.9.3 Perform BIT Checkout								-	-	-
4.2.9.4 Isolate Malfunctions								-	-	-
4.2.9.5 Perform Advanced Troubleshooting								-	-	-
4.2.10 F-15E Multipurpose Display (MPD) System										
4.2.10.1 Theory of Operation								A	A	-
4.2.10.2 Trace System Diagrams								-	-	-
4.2.10.3 Perform										
4.2.10.3.1 Operational Checkout	*							-	-	-
4.2.10.3.2 BIT								-	-	-
4.2.10.4 Isolate Malfunctions	*							-	-	-
4.2.10.5 Perform Advanced Troubleshooting		*						-	-	-
4.2.10.6 Remove/Install LRUs	*							-	-	-
4.2.11 F-15E Combined Altitude Radar Altimeter (CARA)										
4.2.11.1 Theory of Operation								-	A	-
4.2.11.2 Trace System Diagrams								-	-	-
4.2.11.3 Perform BIT Checkout								-	-	-
4.2.11.4 Perform Calibration								-	-	-
4.2.11.5 Isolate Malfunctions								-	-	-
4.2.11.6 Perform Advanced Troubleshooting								-	-	-
4.2.12 F-15 Joint Helmet Mounted Cueing System (JHMCS)										
4.2.12.1 Theory of Operation		*						A	B	-
4.2.12.2 Trace System Diagrams								-	-	-
4.2.12.3 Perform BIT Checkout								-	-	-
4.2.12.4 Isolate Malfunctions								-	-	-
4.2.12.5 Perform Advanced Troubleshooting								-	-	-
4.2.12.6 Remove and Install System Magnetic Transmitter Unit MTU								-	-	-
4.2.12.7 Perform Mapping		*						-	-	-
4.2.13 Passive Attack Sensor System (PASS) F-15C/D										

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.2.13.1 Remove/Install Passive Attack Display (PAD)								-	-	-
4.2.13.2 Remove/Install Recorder Integrated Processor Router (RIPR)								-	-	-
4.2.13.3 Theory of Operation								A	A	-
4.2.13.4 Trace System Diagrams								-	-	-
4.2.13.5 Perform										
4.2.13.5.1 Operational Checkout								-	-	-
4.2.13.5.2 BIT Checkout								-	-	-
4.2.13.6 Isolate Malfunctions								-	-	-
4.2.13.7 Perform Advanced Troubleshooting								-	-	-
4.2.13.8 Remove/Install Other Components								-	-	-
4.3 INSTRUMENT/FLIGHT CONTROL SYSTEMS (F-15) TR: Applicable Airframe TOs										
4.3.1 F-15 Fuel Quantity Indicating System										
4.3.1.1 Theory of Operation	*							B	B	-
4.3.1.2 Trace System Diagrams								b	-	-
4.3.1.3 Perform Operational Checkouts										
4.3.1.3.1 Built In Test	*							-	-	-
4.3.1.3.2 Bingo Fuel								-	-	-
4.3.1.3.3 Fuel Low Level Warning		*						-	-	-
4.3.1.4 Perform System Calibration	*							2b	-	-
4.3.1.5 Isolate Malfunctions	*							b	-	-
4.3.1.6 Perform Advanced Troubleshooting		*						-	-	-
4.3.2 F-15 Standby Attitude Indicator/Standby Compass/Attitude Heading Reference System (AHRS)										
4.3.2.1 Standby attitude indicator										
4.3.2.1.1 Theory of Operation								-	-	-
4.3.2.1.2 Trace System Diagrams								-	-	-
4.3.2.1.3 Perform Operational Checkout								-	-	-
4.3.2.1.4 Isolate Malfunctions								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.3.2.1.5 Perform Advanced Troubleshooting								-	-	-
4.3.2.2 Standby Compass										
4.3.2.2.1 Theory of Operation								-	-	-
4.3.2.2.2 Trace System Diagrams								-	-	-
4.3.2.2.3 Perform Operational Checkout								-	-	-
4.3.2.2.4 Isolate Malfunctions								-	-	-
4.3.2.2.5 Perform Advanced Troubleshooting								-	-	-
4.3.2.3 AHRS										
4.3.2.3.1 Theory of Operation								-	-	-
4.3.2.3.2 Trace System Diagrams								-	-	-
4.3.2.3.3 Perform										
4.3.2.3.3.1 Operational Checkout								-	-	-
4.3.2.3.3.2 Swing and Compensation Checks								-	-	-
4.3.2.3.4 Isolate Malfunctions								-	-	-
4.3.2.3.5 Perform Advanced Troubleshooting								-	-	-
4.3.3 F-15 Horizontal Situation Indicating (HSI) System										
4.3.3.1 Theory of Operation								-	B	-
4.3.3.2 Trace System Diagrams								-	-	-
4.3.3.3 Perform										
4.3.3.3.1 Operational Checkout	*							-	-	-
4.3.3.3.2 BIT								-	-	-
4.3.3.4 Isolate Malfunctions	*							-	-	-
4.3.3.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.4 F-15 Acceleration Indicating/ G-Exceedance Systems										
4.3.4.1 Theory of Operation								A	A	-
4.3.4.2 Trace System Diagrams								-	-	-
4.3.4.3 Perform Operational Checkout	*							-	-	-
4.3.4.4 Isolate Malfunctions								-	-	-
4.3.4.5 Perform Advanced Troubleshooting								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.3.5 F-15 Hydraulic Pressure Indicating System										
4.3.5.1 Theory of Operation								A	A	-
4.3.5.2 Trace System Diagrams								b	-	-
4.3.5.3 Perform Operational Checkout	*							-	-	-
4.3.5.4 Isolate Malfunctions	*							b	-	-
4.3.5.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.6 F-15A-D Engine Instruments										
4.3.6.1 Oil Pressure										
4.3.6.1.1 Theory of Operation								-	-	-
4.3.6.1.2 Trace System Diagrams								-	-	-
4.3.6.1.3 Isolate Malfunctions								-	-	-
4.3.6.1.4 Perform Advanced Troubleshooting								-	-	-
4.3.6.2 Tachometer										
4.3.6.2.1 Theory of Operation								-	-	-
4.3.6.2.2 Trace System Diagrams								-	-	-
4.3.6.2.3 Isolate Malfunctions								-	-	-
4.3.6.2.4 Perform Advanced Troubleshooting								-	-	-
4.3.6.3 Fan Turbine Inlet Temperature (FTIT)										
4.3.6.3.1 Theory of Operation		*						-	-	-
4.3.6.3.2 Trace System Diagrams								-	-	-
4.3.6.3.3 Isolate Malfunctions	*							-	-	-
4.3.6.3.4 Perform Advanced Troubleshooting		*						-	-	-
4.3.6.4 Fuel Flow										
4.3.6.4.1 Theory of Operation								-	-	-
4.3.6.4.2 Trace System Diagrams								-	-	-
4.3.6.4.3 Isolate Malfunctions	*							-	-	-
4.3.6.5 Nozzle Position										
4.3.6.5.1 Theory of Operation								-	-	-
4.3.6.5.2 Trace System Diagrams								-	-	-
4.3.6.5.3 Isolate Malfunctions								-	-	-
4.3.6.5.4 Perform Advanced Troubleshooting								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.3.7 F-15 Engine Instrument System										
4.3.7.1 Theory of Operation	*							A	A	-
4.3.7.2 Trace System Diagrams								b	-	-
4.3.7.3 Perform Engine Monitoring Display (EMD) BIT	*							-	-	-
4.3.7.4 Isolate Malfunctions	*							-	-	-
4.3.7.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.8 F-15 Pitot Static/Heater/Pneumatic Instrument Systems										
4.3.8.1 Theory of Operation		*						A	B	-
4.3.8.2 Trace System Diagrams								-	-	-
4.3.8.3 Perform										
4.3.8.3.1 Pitot Static Leak Checkout	*							2b	-	-
4.3.8.3.2 Heaters Check	*							-	-	-
4.3.8.3.3 Standby Altitude/Airspeed Indicators Operational Checkout	*							-	-	-
4.3.8.4 Isolate Malfunctions	*							-	-	-
4.3.8.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.8.6 Remove/Install Standby Airspeed Indicator								-	-	-
4.3.8.7 Remove/Install Standby Altitude Indicator								-	-	-
4.3.8.8 Adjust Standby Altitude Indicator	*							-	-	-
4.3.9 F-15 Air Data Computer (ADC) System										
4.3.9.1 Theory of Operation	*							B	B	-
4.3.9.2 Trace System Diagrams								b	-	-
4.3.9.3 Perform										
4.3.9.3.1 Operational Checkout	*							-	-	-
4.3.9.3.2 BIT								-	-	-
4.3.9.4 Isolate Malfunctions	*							-	-	-
4.3.9.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.10 F-15 Flight Control Systems										
4.3.10.1 Primary										

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.3.10.1.1 Theory of Operation		*						A	B	-
4.3.10.1.2 Trace System Diagrams								-	-	-
4.3.10.1.3 Perform Operational Checkout								-	-	-
4.3.10.1.4 Isolate Malfunctions		*						-	-	-
4.3.10.1.5 Perform Advanced Troubleshooting								-	-	-
4.3.10.1.6 Remove and Install Stick Grip	*							-	-	-
4.3.10.2 Trim										
4.3.10.2.1 Theory of Operation								-	B	-
4.3.10.2.2 Trace System Diagrams								-	-	-
4.3.10.2.3 Perform Operational Checkout								-	-	-
4.3.10.2.4 Isolate Malfunctions								-	-	-
4.3.10.2.5 Perform Advanced Troubleshooting								-	-	-
4.3.10.2.6 Remove/Install Rudder Trim Switch								-	-	-
4.3.10.3 F-15A-D Automatic Flight Control System (AFCS)										
4.3.10.3.1 Theory of Operation	*							B	B	-
4.3.10.3.2 Trace System Diagrams								b	-	-
4.3.10.3.3 Perform Operational Checkout	*							2b	-	-
4.3.10.3.4 Isolate Malfunctions	*							2b	-	-
4.3.10.3.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.10.4 F-15E Automatic Flight Control System (AFCS)										
4.3.10.4.1 Theory of Operation	*							A	B	-
4.3.10.4.2 Trace System Diagrams								-	-	-
4.3.10.4.3 Perform Operational Checkout	*							-	-	-
4.3.10.4.4 Isolate Malfunctions	*							-	-	-
4.3.10.4.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.10.4.6 Remove/Install Stick Force Sensor	*							-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.3.11 F-15 Engine Air Intake System										
4.3.11.1 Theory of Operation		*						A	B	-
4.3.11.2 Trace System Diagrams								-	-	-
4.3.11.3 Perform										
4.3.11.3.1 Air Induction Systems Operational Checkout								-	-	-
4.3.11.3.2 Static BIT Checkout	*							-	-	-
4.3.11.4 Isolate Malfunctions	*							-	-	-
4.3.11.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.11.6 Remove/Install Air Inlet Controller (AIC)	*							2b	-	-
4.3.12 F-15E Air Data Processor (ADP)										
4.3.12.1 Theory of Operation	*							B	B	-
4.3.12.2 Trace System Diagrams								-	-	-
4.3.12.3 Perform										
4.3.12.3.1 Operational Checkout	*							-	-	-
4.3.12.3.2 BIT Checkout	*							-	-	-
4.3.12.4 Isolate Malfunctions	*							2b	-	-
4.3.12.5 Perform Advanced Troubleshooting		*						-	-	-
4.3.12.6 Remove/Install ADP	*							-	-	-
4.3.13 Standard Flight Data Recorder (SFDR) System/Flight Data Recorder (FDR)										
4.3.13.1 Theory of Operation								-	A	-
4.3.13.2 Trace System Diagrams								-	-	-
4.3.13.3 Perform BIT								-	-	-
4.3.13.4 Isolate Malfunctions								-	-	-
4.3.13.5 Perform Aircraft Structural Integrity Program (ASIP) Download								-	-	-
4.3.13.6 Remove/Install Null Transducers	*							-	-	-
4.3.14 F-15 Built-In Test (BIT) System										
4.3.14.1 Theory of Operation								A	A	-
4.3.14.2 Trace System Diagrams								-	-	-
4.3.14.3 Perform Operational Checkout								-	-	-
4.3.14.4 Isolate Malfunctions								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4 COMMUNICATION/ NAVIGATION/PENETRATION AIDS SYSTEMS TR: Applicable Airframe TOs										
4.4.1 ARC-164 UHF Communication System										
4.4.1.1 Theory of Operation	*							A	A	-
4.4.1.2 Trace System Diagrams								-	-	-
4.4.1.3 Perform Operational Checkout	*							-	-	-
4.4.1.4 Isolate Malfunctions								-	-	-
4.4.1.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.1.6 Load Have-Quick								-	-	-
4.4.2 ARC-210 UHF/VHF Communication System										
4.4.2.1 Theory of Operation	*							A	B	-
4.4.2.2 Trace System Diagrams								-	-	-
4.4.2.3 Perform Operational Checkout	*							-	-	-
4.4.2.4 Isolate Malfunctions	*							-	-	-
4.4.2.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.3 ARC-210 UHF/VHF/SATCOM										
4.4.3.1 Theory of Operation	*							B	B	-
4.4.3.2 Trace System Diagrams								b	-	-
4.4.3.3 Perform Operational Checkout	*							1b	-	-
4.4.3.4 Isolate Malfunctions	*							b	-	-
4.4.3.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.3.6 Use SATCOM Test Set								-	-	-
4.4.4 F-15 Audio Signals System										
4.4.4.1 Theory of Operation								A	A	-
4.4.4.2 Trace System Diagrams								-	-	-
4.4.4.3 Perform BIT Checkout	*							-	-	-
4.4.4.4 Isolate Malfunctions	*							-	-	-
4.4.4.5 Perform Advanced Troubleshooting		*						-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4.4.6 Remove/Install Integrated Communication Control Panel/Inter-Communication Set Control Panel (ICCP/ICSCP)	*							2b	-	-
4.4.5 F-15 Secure Speech System										
4.4.5.1 Theory of Operation		*						A	A	-
4.4.5.2 Trace System Diagrams								-	-	-
4.4.5.3 Perform Operational Checkout								-	-	-
4.4.5.4 Isolate Malfunctions								-	-	-
4.4.5.5 Perform Advanced Troubleshooting								-	-	-
4.4.5.6 Code/Decode KY-58 unit								-	-	-
4.4.6 F-15 Instrument Landing System (ILS)										
4.4.6.1 Theory of Operation		*						A	A	-
4.4.6.2 Trace System Diagrams									-	-
4.4.6.3 Perform Operational Checkout	*							2b	-	-
4.4.6.4 Isolate Malfunctions								-	-	-
4.4.6.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.6.6 Remove/Install Antenna								-	-	-
4.4.7 F-15 Tactical Air Navigation (TACAN) System										
4.4.7.1 Theory of Operation		*						A	B	-
4.4.7.2 Trace System Diagrams								-	-	-
4.4.7.3 Perform										
4.4.7.3.1 Operational Checkout	*							2b	-	-
4.4.7.3.2 BIT								-	-	-
4.4.7.4 Isolate Malfunctions								-	-	-
4.4.7.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.7.6 Remove/Install TACAN Receiver Transmitter (R/T)								2b	-	-
4.4.8 F-15 Fighter Data Link (FDL)										
4.4.8.1 Theory of Operation		*						A	B	-
4.4.8.2 Trace System Diagrams								-	-	-
4.4.8.3 Perform										
4.4.8.3.1 Operational Checkout	*							-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4.8.3.2 BIT								2b	-	-
4.4.8.4 Isolate Malfunctions	*							-	-	-
4.4.8.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.8.6 Remove/Install Receiver/ Transmitter	*							-	-	-
4.4.8.7 Code/Decode Cryptovariables								-	-	-
4.4.9 F-15 Identification Friend-Or-Foe (IFF) System										
4.4.9.1 Theory of Operation		*						A	B	-
4.4.9.2 Trace System Diagrams								b	-	-
4.4.9.3 Perform										
4.4.9.3.1 Operational Checkout	*							2b	-	-
4.4.9.3.2 BIT								2b	-	-
4.4.9.4 Isolate Malfunctions	*							2b	-	-
4.4.9.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.9.6 Code/Decode Mode 4								-	-	-
4.4.9.7 Code/Decode Mode 5								-	-	-
4.4.9.8 Remove/Install Battery	*							-	-	-
4.4.10 Air-To-Air IFF Interrogation (AAI) System										
4.4.10.1 Hybrid (Mechanical) Scanned AAI										
4.4.10.1.1 Theory of Operation		*						A	B	-
4.4.10.1.2 Trace System Diagrams								-	-	-
4.4.10.1.3 Perform										
4.4.10.1.3.1 Operational Checkout	*							1b	-	-
4.4.10.1.3.2 BIT								-	-	-
4.4.10.1.4 Isolate Malfunctions	*							-	-	-
4.4.10.1.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.10.1.6 Code/Decode Mode 4								-	-	-
4.4.10.1.7 Code/Decode Mode 5								-	-	-
4.4.10.1.8 Remove/Install Battery	*							-	-	-
4.4.10.2 Electronically Scanned AAI System										
4.4.10.2.1 Theory of Operation		*						A	B	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4.10.2.2 Trace System Diagrams								-	-	-
4.4.10.2.3 Perform										
4.4.10.2.3.1 Operational Checkout	*							-	-	-
4.4.10.2.3.2 BIT								-	-	-
4.4.10.2.4 Isolate Malfunctions	*							-	-	-
4.4.10.2.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.10.2.6 Code/Decode Mode 4								-	-	-
4.4.10.2.7 Code/Decode Mode 5								-	-	-
4.4.10.2.8 Remove/Install Battery	*							-	-	-
4.4.10.2.9 Remove/Install ESA AAI Antenna								-	-	-
4.4.11 F-15 Radar Warning Receiver (RWR) System AN/ALR-56										
4.4.11.1 Theory of Operation	*							B	B	-
4.4.11.2 Trace System Diagrams								b	-	-
4.4.11.3 Perform										
4.4.11.3.1 Operational Checkout Using Radar Simulator	*							-	-	-
4.4.11.3.2 End-to-End Operational Checkout	*							-	-	-
4.4.11.3.3 BIT								2b	-	-
4.4.11.4 Isolate Malfunctions	*							b	-	-
4.4.11.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.11.6 Remove/Install										
4.4.11.6.1 High Band Receiver (LRU-6)	*							-	-	-
4.4.11.6.2 Radio Frequency Tunable Filter (RFTF)								-	-	-
4.4.12 Eagle Passive Active Warning Survivability System (EPAWSS)										
4.4.12.1 Remove/Install LRUs								-	-	-
4.4.12.2 Theory of Operation								-	-	-
4.4.12.3 Trace System Diagrams								-	-	-
4.4.12.4 Perform										
4.4.12.4.1 Operational Checkout								-	-	-
4.4.12.4.2 BIT Checkout								-	-	-
4.4.12.5 Isolate Malfunctions								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4.12.6 Perform Advanced Troubleshooting								-	-	-
4.4.13 F-15 Electronic Warfare Warning System (EWWS)										
4.4.13.1 Remove/Install LRUs								-	-	-
4.4.14 F-15 Internal Countermeasures Set (ICMS)										
4.4.14.1 Remove/Install LRUs								-	-	-
4.4.15 Countermeasures Dispenser Systems										
4.4.15.1 ALE-45 Countermeasures Dispenser Systems										
4.4.15.1.1 Theory of Operation		*						A	B	-
4.4.15.1.2 Trace System Diagrams								-	-	-
4.4.15.1.3 Perform										
4.4.15.1.3.1 Operational Checkout	*							-	-	-
4.4.15.1.3.2 BIT								-	-	-
4.4.15.1.4 Isolate Malfunctions								-	-	-
4.4.15.1.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.15.1.6 Remove/Install Dispenser/Sequencer Assembly (DSA)		*						-	-	-
4.4.15.1.7 Load/Verify/Reprogram System								-	-	-
4.4.15.2 ALE-58 (BOL) Countermeasures Dispenser Systems										
4.4.15.2.1 Theory of Operation								-	-	-
4.4.15.2.2 Trace System Diagrams								-	-	-
4.4.15.2.3 Perform										
4.4.15.2.3.1 Operational Checkout								-	-	-
4.4.15.2.3.2 BIT								-	-	-
4.4.15.2.4 Isolate Malfunctions								-	-	-
4.4.15.2.5 Perform Advanced Troubleshooting								-	-	-
4.4.15.2.6 Remove/Install DSA								-	-	-
4.4.15.2.7 Load/Verify/Reprogram System								-	-	-

F-15 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.4.16 F-15 Interference Blanker System (IBS)										
4.4.16.1 Theory of Operation								-	-	-
4.4.16.2 Trace System Diagrams								-	-	-
4.4.16.3 Perform BIT								-	-	-
4.4.16.4 Isolate Malfunctions								-	-	-
4.4.16.5 Perform Advanced Troubleshooting								-	-	-
4.4.17 F-15E Avionics Interface Unit (AIU)										
4.4.17.1 Theory of Operation	*							A	B	-
4.4.17.2 Trace System Diagrams								-	-	-
4.4.17.3 Perform BIT check	*							-	-	-
4.4.17.4 Isolate Malfunctions	*							-	-	-
4.4.17.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.17.6 Load/Verify/Reprogram System								-	-	-
4.4.17.7 Hand controller										
4.4.17.7.1 Perform Operational Checkout								-	-	-
4.4.18 F-15E Up-Front Control (UFC)										
4.4.18.1 Theory of Operation								A	A	-
4.4.18.2 Trace System Diagrams								-	-	-
4.4.18.3 Perform BIT								-	-	-
4.4.18.4 Isolate Malfunctions								-	-	-
4.4.18.5 Perform Advanced Troubleshooting		*						-	-	-
4.4.18.6 Remove/Install UFC								-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 5 – F-16 Training Requirements **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated.										
5. F-16 C/D TRAINING REQUIREMENTS										
5.1 F-16 GENERAL										
5.1.1 Hydrazine Hazards								A	A	-
5.1.2 Structures										
5.1.2.1 Radomes	*							-	-	-
5.1.3 Wafer Connectors										
5.1.3.1 Remove								-	-	-
5.1.3.2 Install								-	-	-
5.1.3.3 Inspect		*						-	A	-
5.1.4 Waveguides										
5.1.4.1 Remove								-	-	-
5.1.4.2 Install								-	-	-
5.1.4.3 Inspect		*						-	A	-
5.1.5 Viper MLV										
5.1.5.1 Theory of Operations		*						A	A	-
5.1.5.2 Perform Software Update/Load of System Operational Flight Program (OFP)/Mission Data File (MDF)	*							2b	-	-
5.2 ULTRA-HIGH FREQUENCY/ HAVE QUICK (UHF/ HQ) COMMUNICATIONS TR: Applicable Airframe TOs										
5.2.1 Theory of Operation		*						-	A	-
5.2.2 Perform Operational Checkout	*							-	-	-
5.2.3 Isolate Malfunctions	*							-	-	-
5.2.4 Perform Advanced Troubleshooting		*						-	-	-
5.2.5 Load Word of Day (WOD)/Time of Day (TOD)/Frequency Management Training (FMT)								-	-	-
5.2.6 Remove/Install System LRUs										
5.2.6.1 UHF RT	*							2b	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.3 SECURE VOICE TR: Applicable Airframe TOs										
5.3.1 Theory of Operation		*						-	A	-
5.3.2 Perform Operational Checkout	*							-	-	-
5.3.3 Isolate Malfunctions	*							-	-	-
5.3.4 Perform Advanced Troubleshooting		*						-	-	-
5.3.5 Load Encryption Codes								-	-	-
5.4 VERY-HIGH-FREQUENCY (VHF) COMMUNICATIONS TR: Applicable Airframe TOs										
5.4.1 Theory of Operation		*						-	A	-
5.4.2 Perform Operational Checkout								-	-	-
5.4.3 Isolate Malfunctions								-	-	-
5.4.4 Perform Advanced Troubleshooting								-	-	-
5.5 AN/ARC-210 MULTIBAND RADIO SYSTEM TR: Applicable Airframe TOs										
5.5.1 Theory of Operation		*						B	B	-
5.5.2 Perform BIT checkout	*							-	-	-
5.5.3 Perform Operational Checkout	*							2b	-	-
5.5.4 Isolate Malfunctions	*							2b	-	-
5.5.5 Perform Advanced Troubleshooting		*						-	-	-
5.5.6 Load Encryption Codes								-	-	-
5.5.7 Build Black Fill Platform								-	-	-
5.6 INTERPHONE SYSTEM TR: Applicable Airframe TOs										
5.6.1 Theory of Operation		*						B	A	-
5.6.2 Perform Operational Checkout	*							2b	-	-
5.6.3 Isolate Malfunctions	*							-	-	-
5.6.4 Perform Advanced Troubleshooting		*						-	-	-
5.7 IMPROVED DATA MODEM (IDM) TR: Applicable Airframe TOs										
5.7.1 Theory of Operation		*						-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.7.2 Perform Operational Checkout	*							-	-	-
5.7.3 Isolate Malfunctions	*							-	-	-
5.7.4 Perform Advanced Troubleshooting		*						-	-	-
5.7.5 Load OFP	*							-	-	-
5.8 SITUATION AWARENESS DATA LINK (SADL) TR: Applicable Airframe TOs										
5.8.1 Theory of Operation								-	-	-
5.8.2 Perform Operational Checkout								-	-	-
5.8.3 Isolate Malfunctions								-	-	-
5.8.4 Enter Encryption Codes								-	-	-
5.9 MULTI-FUNCTION INFORMATION DISTRIBUTION SYSTEM (MIDS) (LINK16/Tactical Air Navigation System (TACAN)) TR: Applicable Airframe TOs										
5.9.1 Theory of Operation		*						B	B	A
5.9.2 Trace Signal/Data Flow								1b	-	-
5.9.3 Perform Link16 Operational Checkout	*							-	-	-
5.9.4 Perform TACAN Operational Checkout	*							-	-	-
5.9.5 Isolate Malfunctions	*							-	-	-
5.9.6 Perform Advanced Troubleshooting		*						-	-	-
5.9.7 Load Encryption Codes								-	-	-
5.10 FLIGHT CONTROL SYSTEM (FLCS) (ANALOG) TR: Applicable Airframe TOs										
5.10.1 Stability and Command Augmentation								-	B	-
5.10.2 Trim								-	B	-
5.10.3 Autopilot								-	B	-
5.10.4 Self-test Theory								A	-	-
5.10.5 Air Data Scheduling								A	B	-
5.10.6 Electrical Power (primary/alternate)								A	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.10.7 Analog System Theory of Operation		*						B	B	-
5.10.8 Leading Edge Flaps (LEF) Theory of Operation		*						A	B	-
5.10.9 Perform FLCS Self-Test	*							2b	-	-
5.10.10 Perform Other Operational Checkouts								-	-	-
5.10.11 Isolate Malfunctions	*							-	-	-
5.10.12 Perform Advanced Troubleshooting		*						-	-	-
5.10.13 Remove/Install Rate Gyros	*							-	-	-
5.10.14 Remove/Install Side Stick	*							-	-	-
5.11 DIGITAL FLIGHT CONTROL SYSTEM (DFLCS) TR: Applicable Airframe TOs										
5.11.1 Stability and Command Augmentation								-	B	-
5.11.2 Trim								-	B	-
5.11.3 Autopilot								-	B	-
5.11.4 BIT Theory								A	-	-
5.11.5 Air Data Scheduling								A	B	-
5.11.6 Electrical Power (primary/alternate)								A	-	-
5.11.7 Digital System Theory of Operation		*						B	B	A
5.11.8 LEF Theory of Operation		*						A	B	A
5.11.9 Trace Signal/Data Flow								1b	-	-
5.11.10 Perform Operational Checkout and BIT	*							2b	-	-
5.11.11 Perform Other Checkouts								-	-	-
5.11.12 Isolate Malfunctions	*							-	-	-
5.11.13 Perform Advanced Troubleshooting		*						-	-	-
5.11.14 Remove/Install Rate Gyros	*							-	-	-
5.11.15 Remove/Install Side Stick	*							-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.12 FLCS SEAT DATA RECORDER (SDR) TR: Applicable Airframe TOs										
5.12.1 Theory of Operation		*						-	A	-
5.12.2 Perform Operational Checkout								-	-	-
5.12.3 Download SDR Flight Data								-	-	-
5.13 FUEL QUANTITY INDICATING SYSTEM TR: Applicable Airframe TOs										
5.13.1 Theory of Operation		*						B	B	A
5.13.2 Trace Signal/Data Flow								1b	-	-
5.13.3 Perform Operational Checkout	*							-	-	-
5.13.4 Calibrate System	*							2b	-	-
5.13.5 Perform Capacitance Check	*							2b	-	-
5.13.6 Isolate Malfunctions	*							1b	-	-
5.13.7 Perform Advanced Troubleshooting		*						-	-	-
5.14 HYDRAULIC PRESSURE INDICATION TR: Applicable Airframe TOs										
5.14.1 Theory of Operation		*						-	A	-
5.14.4 Isolate Malfunctions	*							-	-	-
5.15 CRASH SURVIVABLE FLIGHT DATA RECORDER (CSFDR) SYSTEM TR: Applicable Airframe TOs										
5.15.1 Theory of Operation		*						-	A	-
5.15.2 Perform Operational Checkout	*							-	-	-
5.15.3 Isolate Malfunctions	*							-	-	-
5.15.4 Perform CSFDR Download	*							-	-	-
5.15.5 Analyze Data								-	-	-
5.16 FLIGHT ENVIRONMENT (AIR DATA) SYSTEM TR: Applicable Airframe TOs										
5.16.1 Theory of Operation		*						B	B	A
5.16.2 Perform Operational Checkout and BIT	*							-	-	-
5.16.3 Isolate Malfunctions	*							-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.16.4 Remove/Install Central Air Data Computer (CADC)	*							2b	-	-
5.17 PITOT STATIC INSTRUMENTS TR: Applicable Airframe TOs										
5.17.1 Theory of Operation		*						B	B	A
5.17.2 Perform Operational Checkouts	*							2b	-	-
5.17.3 Isolate Malfunctions	*							-	-	-
5.17.4 Perform Advanced Troubleshooting		*						-	-	-
5.18 ATTITUDE DIRECTOR INDICATOR TR: Applicable Airframe TOs										
5.18.1 Theory of Operation		*						-	-	-
5.18.2 Isolate Malfunctions	*							-	-	-
5.19 HORIZONTAL SITUATION INDICATOR TR: Applicable Airframe TOs										
5.19.1 Theory of Operation		*						-	-	-
5.19.2 Isolate Malfunctions	*							-	-	-
5.20 ELECTRONIC HORIZONTAL SITUATION INDICATOR TR: Applicable Airframe TOs										
5.20.1 Theory of Operation		*						-	-	-
5.20.2 Perform Operational Checkout	*							-	-	-
5.20.3 Isolate Malfunctions	*							-	-	-
5.21 CENTER DISPLAY UNIT TR: Applicable Airframe TOs										
5.21.1 Theory of Operation		*						-	-	-
5.21.2 Perform Operational Checkout	*							-	-	-
5.21.3 Isolate Malfunctions	*							-	-	-
5.21.4 Load OFP/Maps								-	-	-
5.22 STANDBY ATTITUDE INDICATOR (SAI) TR: Applicable Airframe TOs										
5.22.1 Theory of Operation		*						-	A	-
5.23 DIRECT READING (STANDBY) COMPASS TR: Applicable Airframe TOs										

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.23.1 Theory of Operation		*						-	A	-
5.24 INSTRUMENT LANDING SYSTEM (ILS) TR: Applicable Airframe TOs										
5.24.1 Theory of Operation		*						-	A	-
5.24.2 Perform Operational Checkout	*							-	-	-
5.24.3 Isolate Malfunctions	*							-	-	-
5.25 IDENTIFICATION FRIEND OR FOE TR: Applicable Airframe TOs										
5.25.1 Theory of Operation		*						B	B	A
5.25.2 Perform Operational Checkout	*							2b	-	-
5.25.3 Isolate Malfunctions	*							2b	-	-
5.25.4 Remove/Install Battery	*							-	-	-
5.25.5 Load Encryption Codes								-	-	-
5.25.6 Perform Transponder Check	*							2b	-	-
5.26 TACTICAL AIR NAVIGATION (TACAN) SYSTEM TR: Applicable Airframe TOs										
5.26.1 Theory of Operation		*						A	A	-
5.26.2 Perform Operational Checkout and BIT	*							-	-	-
5.26.3 Isolate Malfunctions	*							-	-	-
5.27 FUEL FLOW INDICATION TR: Applicable Airframe TOs										
5.27.1 Theory of Operation		*						-	A	-
5.27.2 Isolate Malfunctions								-	-	-
5.28 NOZZLE POSITION INDICATION TR: Applicable Airframe TOs										
5.28.1 Theory of Operation		*						-	A	-
5.28.2 Isolate Malfunctions								-	-	-
5.29 TACHOMETER INDICATION TR: Applicable Airframe TOs										
5.29.1 Theory of Operation		*						-	A	-
5.29.2 Isolate Malfunctions								-	-	-
5.30 TEMPERATURE INDICATION TR: Applicable Airframe TOs										

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.30.1 Theory of Operation		*						-	A	-
5.30.2 Isolate Malfunctions								-	-	-
5.31 OIL PRESSURE INDICATION TR: Applicable Airframe TOs										
5.31.1 Theory of Operation		*						-	A	-
5.31.2 Isolate Malfunctions								-	-	-
5.32 FIRE CONTROL INTEGRATION TR: Applicable Airframe TOs										
5.32.1 Theory of Operation								-	A	-
5.33 BORESIGHT TR: Applicable Airframe TOs										
5.33.1 Purpose of boresighting								-	A	-
5.33.2 Use Test Equipment								-	-	-
5.33.3 Perform Boresight Procedures										
5.33.3.1 Pilots Display Unit Mount								-	-	-
5.33.3.2 Rate Sensor Unit Mount								-	-	-
5.33.3.3 Inertial Navigation Unit Mount								-	-	-
5.33.3.4 Fire Control Radar Antenna Mount								-	-	-
5.33.3.5 Left/Right Hardpoints								-	-	-
5.33.3.6 Angle of Attack (AOA) Transmitter Mount								-	-	-
5.34 FIRE CONTROL RADAR (FCR) TR: Applicable Airframe TOs										
5.34.1 Theory of Operation		*						B	B	A
5.34.2 Perform Operational Checkout	*							2b	-	-
5.34.3 Perform Advanced Troubleshooting		*						-	-	-
5.34.4 Isolate Malfunctions	*							2b	-	-
5.34.5 Remove/Install Dual Mode Transmitter (DMT)	*							2b	-	-
5.34.6 Remove/Install FCR Antenna	*							-	-	-
5.34.7 Use Waveguide Pressurization Tester	*							1b	-	-
5.35 THROTTLE GRIP ASSEMBLY TR: Applicable Airframe TOs										
5.35.1 Perform Operational Checkout	*							-	-	-
5.35.2 Remove/Install Throttle Grip	*							-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.36 COMBINED ALTITUDE RADAR ALTIMETER (CARA) TR: Applicable Airframe TOs										
5.36.1 Theory of Operation		*						-	A	-
5.36.2 Isolate Malfunctions	*							-	-	-
5.37 RING LASER GYRO (RLG) NAVIGATION SYSTEM TR: Applicable Airframe TOs										
5.37.1 Theory of Operation								-	-	-
5.37.2 Perform Operational Checkout and BIT								-	-	-
5.37.3 Isolate Malfunctions								-	-	-
5.38 EMBEDDED GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM (EGI) TR: Applicable Airframe TOs										
5.38.1 Theory of Operation		*						B	B	-
5.38.2 Perform Operational Checkout	*							2b	-	-
5.38.3 Isolate Malfunctions	*							2b	-	-
5.38.4 Load Encryption Codes								-	-	-
5.39 GLOBAL POSITIONING SYSTEM (GPS) TR: Applicable Airframe TOs										
5.39.1 Theory of Operation								-	-	-
5.39.2 Perform Operational Checkout								-	-	-
5.39.3 Isolate Malfunctions								-	-	-
5.39.4 Load Encryption Codes								-	-	-
5.40 FIRE CONTROL COMPUTER (FCC) TR: Applicable Airframe TOs										
5.40.1 Theory of Operation		*						-	-	-
5.40.2 Perform Operational Checkout	*							-	-	-
5.40.3 Isolate Malfunctions	*							-	-	-
5.40.4 Perform Advanced Troubleshooting		*						-	-	-
5.41 MODULAR MISSION COMPUTER (MMC) TR: Applicable Airframe TOs										

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.41.1 Theory of Operation		*						B	B	A
5.41.2 Trace Signal/Data Flow								1b	-	-
5.41.3 Perform Operational Checkout	*							-	-	-
5.41.4 Isolate Malfunctions	*							1b	-	-
5.41.5 Perform Advanced Troubleshooting		*						-	-	-
5.41.6 Remove System LRU(s)	*							-	-	-
5.41.7 Install System LRU(s)	*							-	-	-
5.42 HEAD UP DISPLAY (HUD) SYSTEM TR: Applicable Airframe TOs										
5.42.1 Theory of Operation		*						-	B	-
5.42.2 Perform Operational Checkout and BIT	*							-	-	-
5.42.3 Isolate Malfunctions	*							-	-	-
5.42.4 Perform Advanced Troubleshooting		*						-	-	-
5.42.5 Remove System LRU(s)	*							-	-	-
5.42.6 Install System LRU(s)	*							-	-	-
5.43 HELMET MOUNTED INTEGRATED TARGETING/JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS) TR: Applicable Airframe TOs										
5.43.1 Theory of Operation		*						A	B	-
5.43.2 Perform Operational Checkout	*							-	-	-
5.43.3 Isolate Malfunctions	*							-	-	-
5.43.4 Perform Advanced Troubleshooting		*						-	-	-
5.43.5 Perform Cockpit Magnetic Mapping								-	-	-
5.44 DATA TRANSFER EQUIPMENT (DTE) TR: Applicable Airframe TOs										
5.44.1 Theory of Operation		*						-	A	-
5.44.2 Perform Operational Checkout and BIT								-	-	-
5.44.3 Isolate Malfunctions								-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.45 COLOR MULTI-FUNCTION DISPLAY SET (CMFDS) TR: Applicable Airframe TOs										
5.45.1 Theory of Operation		*						B	B	-
5.45.2 Perform Operational Checkout	*							2b	-	-
5.45.3 Isolate malfunction	*							-	-	-
5.45.4 Perform Advanced Troubleshooting		*						-	-	-
5.46 UPFRONT CONTROL SYSTEM (UFC) TR: Applicable Airframe TOs										
5.46.1 Theory of Operation		*						B	B	-
5.46.2 Perform Operational Checkout and BIT	*							-	-	-
5.46.3 Isolate Malfunctions	*							-	-	-
5.46.4 Perform Advanced Troubleshooting		*						-	-	-
5.47 MULTIPLEX BUS TR: Applicable Airframe TOs										
5.47.1 Theory of Operation		*						-	B	-
5.47.2 Isolate Malfunctions	*							-	-	-
5.47.3 Perform Advanced Troubleshooting		*						-	-	-
5.47.4 Use MUX BUS Fault Isolation Test Set								-	-	-
5.48 DIGITAL VIDEO RECORDER (DVR) TR: Applicable Airframe TOs										
5.48.1 Theory of Operation		*						-	A	A
5.48.2 Perform Operational Checkout	*							-	-	-
5.48.3 Isolate Malfunctions	*							-	-	-
5.48.4 Perform Advanced Troubleshooting		*						-	-	-
5.49 ADVANCED RADAR WARNING RECEIVER/RADAR THREAT WARNING SYSTEM (RTWS) TR: Applicable Airframe TOs										

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.49.1 Theory of Operation (ALR-56M)		*						B	B	-
5.49.2 Theory of Operation (ALR-69)		*						-	A	-
5.49.3 Perform Confidence Check	*							-	-	-
5.49.4 Perform Operational Checkout (ALR-56M)	*							2b	-	-
5.49.5 Perform Operational Checkout (ALR-69)	*							-	-	-
5.49.6 Isolate Malfunctions (ALR-56M)	*							2b	-	-
5.49.7 Isolate Malfunctions (ALR-69)	*							-	-	-
5.49.8 Perform JSECST RWR Test/Group A Provision Check	*							-	-	-
5.49.9 Perform JSECST RWR Test/ 180 Day Check	*							-	-	-
5.49.10 Perform Advanced Troubleshooting		*						-	-	-
5.50 COUNTERMEASURES SET (CMS) (ALQ-213) TR: Applicable Airframe TOs										
5.50.1 Theory of Operation		*						-	B	-
5.50.2 Perform Operational Checkout										
5.50.2.1 Radar Threat Warning	*							-	-	-
5.50.2.2 Countermeasures Dispensing	*							-	-	-
5.50.3 Isolate Malfunctions										
5.50.3.1 CMS	*							-	-	-
5.50.3.2 RTWS	*							-	-	-
5.50.4 Perform Advance Troubleshooting		*						-	-	-
5.51 ADVANCED INTERFERENCE BLANKER SYSTEM TR: Applicable Airframe TOs										
5.51.1 Theory of Operation		*						-	A	-
5.51.2 Perform Operational Checkout and BIT								-	-	-
5.51.3 Isolate Malfunctions	*							-	-	-

F-16 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
5.52 COUNTERMEASURES DISPENSING SET (CMDS) (ALE-47) TR: Applicable Airframe TOs										
5.52.1 Theory of Operation		*						B	B	-
5.52.2 Perform Operational Checkout	*							2b	-	-
5.52.3 Isolate Malfunctions	*							-	-	-
5.52.4 Perform Advanced Troubleshooting		*						-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 6 – U-2 Training Requirements **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated.										
6 U-2 AVIONICS SYSTEMS APPRENTICE/ JOURNEYMAN/ CRAFTSMAN										
6.1 COMMON TASKS										
6.1.1 Hydrazine Hazards								A	A	-
6.1.2 Use Test Equipment										
6.1.2.1 GPS Repeater								-	-	-
6.1.2.2 DC Power Regulator (Christie)								-	-	-
6.1.2.3 C-17 Air Conditioning Cart								-	-	-
6.1.2.4 Air Conditioning Adapter Kit								-	-	-
6.1.2.5 Nose Dolly								-	-	-
6.1.2.6 Lower Q-Bay Dolly								-	-	-
6.1.2.7 Forward Pod Dolly								-	-	-
6.1.2.8 E-Bay Hatch Dolly								-	-	-
6.1.2.9 Coolanol Servicing Cart								-	-	-
6.1.2.10 Ground Support Computer (GSC)								-	-	-
6.1.2.11 DC Ground Power Unit (DCGPU)								-	-	-
6.1.2.12 Bonding/Grounding Meter								-	-	-
6.1.3 Trace Systems Diagrams								-	-	-
6.2 U-2 GROUND HANDLING TR: Applicable Airframe TOs										
6.2.1 Connect/Disconnect Aircraft External Power (Block 20)	*							-	-	-
6.2.2 Nose Removal/Installation										
6.2.3 Pogo Team Supervisor								-	-	-
6.2.4 Pogo Team Member								-	-	-
6.3 ATTACK CONTROL SYSTEMS TR: Applicable Airframe TOs										
6.3.1 U-2 1553B Data Bus System										
6.3.1.1 Theory of Operation								-	A	-
6.3.1.2 Perform Operational Checkout	*							-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.3.1.3 Isolate Malfunctions	*							-	-	-
6.3.2 U-2 AVIONICS DATA BUS INTERFACE INSTRUMENT SYSTEM TR: Applicable Airframe TOs								-	-	-
6.3.2.1 Theory of Operation								-	A	A
6.3.2.2 Perform										
6.3.2.2.1 Operational Checkout	*							-	-	-
6.3.2.2.2 LRU Bit Checks	*							-	-	-
6.3.2.3 Isolate Malfunctions								-	-	-
6.3.2.4 Load/Verify/Reprogram LRUs	*							-	-	-
6.3.3 INERTIAL NAVIGATION SYSTEM (INS) PIIIG TR: Applicable Airframe TOs										
6.3.3.1 Theory of Operation								-	B	A
6.3.3.2 Perform										
6.3.3.2.1 INS/GPS Operational Checkout	*							-	-	-
6.3.3.2.2 Preflight with GSC	*							-	-	-
6.3.3.3 Manually Load/Modify/ Verify Data Points (DPs)	*							-	-	-
6.3.3.4 Isolate Malfunctions	*							-	-	-
6.3.3.5 Perform Advanced Troubleshooting		*								
6.3.3.6 Remove/Install LRUs										
6.3.3.6.1 Key GPS (SA/AS Crypto Variables)	*							-	-	-
6.3.4 INSTRUMENT/FLIGHT CONTROL SYSTEMS TR: Applicable Airframe TOs										
6.3.4.1 U-2 Fuel Sump Tank Quantity Indicating System										
6.3.4.1.1 Theory of Operation								A	B	A
6.3.4.1.2 Perform										
6.3.4.1.2.1 Operational Checkout	*							-	-	-
6.3.4.1.2.2 Fuel Sump Tank Quantity Indicator 100 Gallon Calibration	*							-	-	-
6.3.4.1.3 Isolate Malfunctions	*							-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.3.4.2 U-2 Fuel Pressure Indicating System										
6.3.4.2.1 Theory of Operation								-	-	-
6.3.4.2.2 Perform Operational Checkout								-	-	-
6.3.4.2.3 Isolate Malfunctions	*							-	-	-
6.3.4.3 U-2 Hydraulic Pressure Indicating System										
6.3.4.3.1 Theory of Operation								-	-	-
6.3.4.3.2 Perform Operational Checkout								-	-	-
6.3.4.3.3 Isolate Malfunctions	*							-	-	-
6.3.4.4 U-2 Engine Instruments										
6.3.4.4.1 Oil Pressure										
6.3.4.4.1.1 Theory of Operation								-	-	-
6.3.4.4.1.2 Perform Operational Checkout								-	-	-
6.3.4.4.1.3 Isolate Malfunctions	*							-	-	-
6.3.4.4.2 Oil Temperature										
6.3.4.4.2.1 Theory of Operation								-	-	-
6.3.4.4.2.2 Perform Operational Checkout								-	-	-
6.3.4.4.2.3 Isolate Malfunctions	*							-	-	-
6.3.4.4.3 Tachometer										
6.3.4.4.3.1 Theory of Operation								-	A	-
6.3.4.4.3.2 Perform Operational Checkout								-	-	-
6.3.4.4.3.3 Isolate Malfunctions	*							-	-	-
6.3.4.4.4 Exhaust Gas Temperature										
6.3.4.4.4.1 Theory of Operation								-	A	-
6.3.4.4.4.2 Perform Operational Checkout								-	-	-
6.3.4.4.4.3 Isolate Malfunctions	*							-	-	-
6.3.4.4.5 Fuel Quantity Totalizer										
6.3.4.4.5.1 Theory of Operation								A	B	A
6.3.4.4.5.2 Perform Operational Checkout	*							-	-	-
6.3.4.4.5.3 Isolate Malfunctions	*							-	-	-
6.3.4.4.6 Dual Oil Quantity										
6.3.4.4.6.1 Theory of Operation								-	A	A

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.3.4.4.6.2 Perform Operational Checkout	*							-	-	-
6.3.4.4.6.3 Isolate Malfunctions	*							-	-	-
6.3.4.5 U-2 Pitot-Static System										
6.3.4.5.1 Theory of Operation								-	B	A
6.3.4.5.2 Perform										
6.3.4.5.2.1 Pitot-Static System #1 Components Checkout								-	-	-
6.3.4.5.2.2 Airspeed Warning Pressure Switch Accuracy Check								-	-	-
6.3.4.5.2.3 Pitot-Static System #1 Leak check								-	-	-
6.3.4.5.2.4 Purge of Pitot-Static System #1								-	-	-
6.3.4.5.2.5 Inspection of Pitot Tube	*							-	-	-
6.3.4.5.3 Isolate Malfunctions	*							-	-	-
6.3.4.5.4 Perform Advanced Troubleshooting		*						-	-	-
6.3.4.6 Standby Flight Display System										
6.3.4.6.1 Theory of Operation								-	B	A
6.3.4.6.2 Perform										
6.3.4.6.2.1 Accuracy Checkout	*							-	-	-
6.3.4.6.2.2 BIT Check	*							-	-	-
6.3.4.6.3 Magnetometer Calibration								-	-	-
6.3.4.6.4 Isolate Malfunctions	*							-	-	-
6.3.4.7 Autopilot Air Data System (APADS)										
6.3.4.7.1 Theory of Operation								A	B	A
6.3.4.7.2 Perform										
6.3.4.7.2.1 Operational Checkout	*							-	-	-
6.3.4.7.2.2 APADS I-BIT Check	*							-	-	-
6.3.4.7.2.3 APADS I-BIT Using GSC								-	-	-
6.3.4.7.2.4 APADS LRU Test Using GSC								-	-	-
6.3.4.7.2.5 #2 Pitot-Static System Leak Check	*							-	-	-
6.3.4.7.2.6 #2 Pitot-Static System Accuracy Check	*							-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.3.4.7.2.7 Purge of #2 Pitot-Static System								-	-	-
6.3.4.7.2.8 Inspection of Free Air Temp Probe	*							-	-	-
6.3.4.7.2.9 Capstan Rebuild	*							-	-	-
6.3.4.7.2.10 Follow-up Null Tests Using GSC								-	-	-
6.3.4.7.2.11 Follow-up and Phase Adjustment Using GSC								-	-	-
6.3.4.7.3 Isolate Malfunctions	*							-	-	-
6.3.4.7.4 Perform Advanced Troubleshooting		*						-	-	-
6.3.4.8 U-2 Air Data Engine Interface Unit (ADEIU)										
6.3.4.8.1 Theory of Operation								A	A	A
6.3.4.8.2 Perform Operational Checkout	*							-	-	-
6.3.4.8.3 Isolate Malfunctions	*							-	-	-
6.3.4.9 U-2 Flight Position Indicating System										
6.3.4.9.1 Theory of Operation								-	A	A
6.3.4.9.2 Perform										
6.3.4.9.2.1 Flap Position Operational Checkout	*							-	-	-
6.3.4.9.2.2 Flap Transmitter Adjustment	*							-	-	-
6.3.4.9.2.3 Trim Operational Checkout								-	-	-
6.3.4.9.2.4 Trim Adjustment								-	-	-
6.3.4.9.5 Isolate Malfunctions	*							-	-	-
6.3.4.10 U-2 Angle-of-Approach (AOA) System										
6.3.4.10.1 Theory of Operation								-	A	-
6.3.4.10.2 Perform										
6.3.4.10.2.1 AOA Indicator Checkout	*							-	-	-
6.3.4.10.2.2 AOA Transmitter Checkout	*							-	-	-
6.3.4.10.2.3 Surface Control Checkout								-	-	-
6.3.4.10.2.4 AOA Probe Heat Checkout	*							-	-	-
6.3.4.10.2.5 Inspection and Blending of AOA Transmitter Probe								-	-	-
6.3.4.10.3 Isolate Malfunctions	*							-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.4 COMMUNICATION/ NAVIGATION/PENETRATION AIDS SYSTEMS TR: Applicable Airframe TOs										
6.4.1 U-2 ARC-210 UHF/VHF Communication System										
6.4.1.1 Theory of Operation								-	A	-
6.4.1.2 Perform										
6.4.1.2.1 Operational Checkout with Multifunction Display (MFD)	*							-	-	-
6.4.1.2.2 Operational Checkout with Backup Control Panel	*							-	-	-
6.4.1.3 Isolate Malfunctions	*							-	-	-
6.4.1.4 Load/Verify/Edit Radio Frequency Data										
6.4.1.4.1 With GSC	*							-	-	-
6.4.1.4.2 Manual								-	-	-
6.4.1.4.3 Load COMSEC Keys								-	-	-
6.4.2 U-2 ARC-217 HF Radio System										
6.4.2.1 Theory of Operation								A	B	A
6.4.2.2 Perform										
6.4.2.2.1 Operational Checkout with MFD	*							-	-	-
6.4.2.2.2 Operational Checkout with Buss Control Display Unit (BCDU)	*							-	-	-
6.4.2.3 Isolate Malfunctions	*							-	-	-
6.4.2.4 Load HF Presets	*							-	-	-
6.4.2.5 Load Automatic Link Establishment (ALE)	*							-	-	-
6.4.3 U-2 Interphone System										
6.4.3.1 Theory of Operation								-	A	-
6.4.3.2 Perform Operational Checkout	*							-	-	-
6.4.3.3 Isolate Malfunctions	*							-	-	-
6.4.3.4 Perform Advanced Troubleshooting		*						-	-	-
6.4.4 U-2 DF-206 Automatic Direction Finding System (ADF)										
6.4.4.1 Theory of Operation								-	A	A

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.4.4.2 Perform Operational Checkout								-	-	-
6.4.4.3 Isolate Malfunctions								-	-	-
6.4.4.4 Perform Advanced Troubleshooting								-	-	-
6.4.5 U-2 ARN-147 Instrument Landing System										
6.4.5.1 Theory of Operation								-	A	-
6.4.5.2 Perform Operational Checkout	*							-	-	-
6.4.5.3 Isolate Malfunctions	*							-	-	-
6.4.6 U-2 Tactical Air Navigation System										
6.4.6.1 Theory of Operation								-	A	-
6.4.6.2 Perform Operational Checkout	*							-	-	-
6.4.6.3 Isolate Malfunctions	*							-	-	-
6.4.7 U-2 Identification Friend-Or-Foe (IFF) System (APX 119)										
6.4.7.1 Theory of Operation								-	A	-
6.4.7.2 Perform										
6.4.7.2.1 Operational Checkout	*							-	-	-
6.4.7.2.2 Battery Voltage Checks								-	-	-
6.4.7.3 Isolate Malfunctions	*							-	-	-
6.4.7.4 Perform Advanced Troubleshooting		*						-	-	-
6.4.7.3 Load										
6.4.7.3.1 IFF Data with GSC								-	-	-
6.4.7.3.2 IFF Data Manually with Ramp Test Set								-	-	-
6.4.7.3.3 Crypto Keys	*							-	-	-
6.4.8 U-2 Precision Time Disciplined Rubidium Oscillator (DRO) RX598										
6.4.8.1 Theory of Operation								A	A	A
6.4.8.2 Perform										
6.4.8.2.1 Operational Checkout								-	-	-
6.4.8.2.2 Modification of DRO Parameters	*							-	-	-
6.4.8.3 Isolate Malfunctions								-	-	-
6.4.8.4 Perform Advanced Troubleshooting								-	-	-

U-2 TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
6.4.9 U-2 Electronic Warfare Suite (ALQ- 221)										
6.4.9.1 Theory of Operation								A	B	A
6.4.9.2 Perform										
6.4.9.2.1 System Preflight								-	-	-
6.4.9.2.2 Antenna Sweeps								-	-	-
6.4.9.2.3 System Fill and Bleed								-	-	-
6.4.9.2.4 System Coolant Servicing								-	-	-
6.4.9.3 Isolate Malfunction								-	-	-
6.4.9.4 Perform Advanced Troubleshooting		*						-	-	-
6.4.9.5 Load AVP with Threat Warning Data Base (TWDB)								-	-	-
6.4.9.6 Interconnect Cooling with Aircraft for System Operation								-	-	-

POD TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
Attachment 7 – Pod Training Requirements **NOTE 1** Proficiency codes in column 4A identify the task/knowledge requirement for resident training. When two codes are used (e.g., 2b/b), the second code indicates the level of training provided in the course due to equipment shortages or other constrains; dash (e.g., 2b/-) indicates the item will not be trained until the constraint is eliminated.										
7 PODs										
7.1 LITENING POD TR: Applicable Airframe TOs										
7.1.1 Theory of Operation								-	A	-
7.1.2 Trace System Diagrams								-	-	-
7.1.3 Perform										
7.1.3.1 BIT	*							-	-	-
7.1.3.2 Operational Checkout	*							-	-	-
7.1.3.3 Hardpoint Checkout								-	-	-
7.1.4 Isolate Malfunctions								-	-	-
7.1.5 Remove/Install LRU(s)								-	-	-
7.1.6 Remove/Install Desiccant								-	-	-
7.1.7 Use Support/Test Equipment								-	-	-
7.1.8 Upload/Download Pod	*							-	-	-
7.1.9 Upload/Download Pylon	*							-	-	-
7.2 SNIPER POD TR: Applicable Airframe TOs										
7.2.1 Theory of Operation								A	B	-
7.2.2 Trace System Diagrams								-	-	-
7.2.3 Perform										
7.2.3.1 BIT								-	-	-
7.2.3.2 Operational Checkout								2b/1b	-	-
7.2.3.3 Hardpoint Checkout								-	-	-
7.2.4 Isolate Malfunctions								-	-	-
7.2.5 Perform Advanced Troubleshooting								-	-	-
7.2.6 Remove/Install LRU(s)										
7.2.6.1 Shroud Assembly A100								-	-	-
7.2.6.2 Optical Bed Assembly A110								-	-	-
7.2.6.3 Gimbal Assembly A111								-	-	-
7.2.6.4 Roll Actuator Assembly A240								-	-	-
7.2.7 Upload/Download Pod								-	-	-
7.2.8 Upload/Download Pylon								-	-	-

POD TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
7.3 ELECTRONIC COUNTERMEASURES PODS TR: Applicable Airframe TOs										
7.3.1 Theory of Operation								-	A	-
7.3.2 Trace System Diagrams								-	-	-
7.3.3 Perform BIT								-	-	-
7.3.4 Isolate Malfunctions								-	-	-
7.3.5 Upload/Download POD								-	-	-
7.3.6 Upload/Download Centerline Adapter								-	-	-
7.3.7 Load/Verify/Reprogram POD								-	-	-
7.4 F-15E LANTIRN NAVIGATION POD TR: Applicable Airframe TOs										
7.4.1 Theory of Operation								A	B	
7.4.2 Trace System Diagrams								-	-	-
7.4.3 Perform										
7.4.3.1 BIT Checkout								-	-	-
7.4.3.2 Maintenance BIT Checkout								-	-	-
7.4.4 Isolate Malfunctions								-	-	-
7.4.5 Perform Advanced Troubleshooting								-	-	-
7.4.6 Remove/Install system LRU(s)								2b	-	-
7.4.7 Service (Nitrogen)								-	-	-
7.4.8 Upload/Download POD								-	-	-
7.5 F-15E RECCE PODS TR: Applicable Airframe TOs										
7.5.1 Theory of Operation								-	A	-
7.5.2 Trace System Diagrams								-	-	-
7.5.3 Perform										
7.5.3.1 Operational Checkout								-	-	-
7.5.3.2 BIT								-	-	-
7.5.3 Isolate Malfunctions								-	-	-
7.5.4 Perform Advanced Troubleshooting								-	-	-
7.5.5 Upload/Download POD								-	-	-

POD TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Indicate Training / Information Provided		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
7.6 F-16 HARM TARGETING SYSTEM POD (HTS) POD TR: Applicable Airframe TOs										
7.6.1 Theory of Operation								-	A	-
7.6.2 Perform								-	-	-
7.6.2.1 BIT								-	-	-
7.6.2.2 Operational Checkout								-	-	-
7.6.2.3 Hardpoint Checkout								-	-	-
7.6.3 Isolate Malfunctions								-	-	-
7.6.4 Upload/Download Pod								-	-	-
7.6.5 Mate/unmate Pylon								-	-	-
7.6.6 Load OFP								-	-	-
7.7 RAMPOD TR: Applicable Airframe TOs										
7.7.1 Principles								-	A	-

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AEROSPACE MAINTENANCE CRAFTSMAN

1. Tasks	4. Proficiency Codes Used To Indicate Training/Information Provided			
Knowledge And Technical References	**A** 3-Skill Level	**B** 5-Skill Level	**C** 7-Skill Level	
	(1) Crse	**(1)** CDC	**(1)** Crse	**(2)** CDC

NOTE 1: Columns 2 and 3 are deleted from this STS because all items are SUBJECT KNOWLEDGE LEVEL only and require no certification.

NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.

NOTE 3: This attachment is to be used in conjunction with other attachments in applicable CFETPs.

NOTE 4: Personnel must complete CDC requirements on all MDSs/attachments.

NOTE 5: This attachment is to be used as a correlation document for the 2AX7X 7-level Aerospace Maintenance Craftsman CDCs.

AA.1.	MAINTENANCE PHILOSOPHY AND POLICY				
AA.1.1.	Aircraft and Equipment Readiness TR: AFI 21-101				A
AA.1.2.	Maintenance Concept TR: AFI 21-101 and AFI 21-129				A
AA.1.3.	Reliability and Maintainability (R&M) TR: AFI 21-101, AFI 21-118 and TO 00-35D-54				A
AA.1.4.	Operating Instructions (OI) TR: AFI 21-101 and AFI 33-360				A
AA.1.5.	Maintenance Information Systems (MIS) TR: AFCSM 21-556 Volume 2, AFI 21-101, AFI 21-116, and TO 00-20-2				B
AA.1.6.	Maintenance Metrics TR: AFI 21-103 and AFTTP 3-3				A
AA.1.7.	Maintenance Repair Priorities TR: AFI 21-101				A
AA.1.8.	Historical Aircraft and Equipment Records TR: AFI 21-101 and TO 00-20-1				A
AA.2.	MAINTENANCE ORGANIZATION KEY LEADER RESPONSIBILITIES				
AA.2.1.	Wing Commander (WG/CC) TR: AFI 21-101 and AFI 38-101				A
AA.2.2.	Wing Vice Commander (WG/CV) TR: AFI 21-101 and AFI 38-101				A
AA.2.3.	Maintenance Group Commander (MXG/CC) TR: AFI 21-101 and AFI 38-101				A
AA.2.4.	Maintenance Group Deputy Commander (MXG/CD) TR: AFI 21-101				A
AA.2.5.	MXG Superintendent (SUPT) TR: AFI 21-101				A
AA.2.6.	Squadron Commander (SQ/CC) TR: AFI 21-101				A
AA.2.7.	Maintenance Operations Officer (MOO)/Maintenance Superintendent (MX SUPT) TR: AFI 21-101				A
AA.2.8.	Flight Commander/Flight Chief TR: AFI 21-101				A
AA.2.9.	AMU OIC/Superintendent (SUPT) TR: AFI 21-101				A
AA.2.10.	Section NCOIC/Chief TR: AFI 21-101				B
AA.2.11.	Production Superintendent (Pro Super) TR: AFI 21-101				A
AA.3.	FUNCTIONS OF MAINTENANCE OPERATIONS SQUADRON (MOS)				
AA.3.1.	Maintenance Operations Flight (MOF) TR: AFI 21-101				A

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AEROSPACE MAINTENANCE CRAFTSMAN

1. Tasks		4. Proficiency Codes Used To Indicate Training/Information Provided			
Knowledge And Technical References		A 3-Skill Level	B 5-Skill Level	C 7-Skill Level	
		(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.3.2.	Maintenance Training Flight (MTF) TR: AFI 21-101 and AFI 36-2232				A
AA.3.3.	Programs and Resources Flight TR: AFI 21-101				A
AA.4.	FUNCTIONS OF AIRCRAFT/HELICOPTER MAINTENANCE SQUADRON (AMXS/HMXS)				
AA.4.1.	Aircraft Maintenance Unit (AMU) TR: AFI 21-101				A
AA.4.2.	Flightline Expediter TR: AFI 21-101				A
AA.4.3.	Aircrew and Maintenance Debrief Section TR: AFI 21-101				A
AA.4.4.	Aircraft Section TR: AFI 21-101				A
AA.4.5.	Specialist Section TR: AFI 21-101				A
AA.4.6.	Weapons Section TR: AFI 21-101				A
AA.4.7.	Support Section TR: AFI 21-101				A
AA.5.	FUNCTIONS OF MAINTENANCE SQUADRON (MXS)				
AA.5.1.	Accessories Flight TR: AFI 21-101				A
AA.5.2.	Aerospace Ground Equipment (AGE) Flight TR: AFI 21-101				A
AA.5.3.	Armament Flight TR: AFI 21-101				A
AA.5.4.	Avionics Flight TR: AFI 21-101				A
AA.5.5.	Fabrication Flight TR: AFI 21-101				A
AA.5.6.	Maintenance Flight TR: AFI 21-101				A
AA.5.7.	Munitions Flight TR: AFI 21-101				A
AA.5.8.	Propulsion Flight TR: AFI 21-101				A
AA.5.9.	Test, Measurement, and Diagnostic Equipment (TMDE) Flight TR: AFI 21-101				A
AA.6.	MAINTENANCE TRAINING				
AA.6.1	Types of Training TR: AFI 36-2232 and the ETCA site located at: https://etca.randolph.af.mil/				A
AA.6.2.	Training Documentation TR: AFI 21-101, AFI 36-2201 and AFI 36-2232				A
AA.6.3.	Training Business Area (TBA) TR: https://www.my.af.mil/imdsltpa/IMDSTWeb/ActionServlet				B
AA.6.4.	Special Certification Rosters TR: AFI 21-101				A
AA.6.5.	Maintenance Qualification Program (MQP) TR: AFI 21-101, AFI 36-2232 and AFPD 10-9				A
AA.6.6.	Training Management TR: AFI 36-2201, AFI 36-2232, AFI 21-101 and AETCI 36-2601				

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AEROSPACE MAINTENANCE CRAFTSMAN

1. Tasks		4. Proficiency Codes Used To Indicate Training/Information Provided			
Knowledge And Technical References		A 3-Skill Level	B 5-Skill Level	C 7-Skill Level	
		(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.6.6.1.	Training Forecast				A
AA.6.6.2.	Training Request				A
AA.6.6.3.	Master Training Plan				A
AA.7.	PERSONNEL RESOURCE MANAGEMENT				
AA.7.1.	Unit Manpower Document (UMD) and Unit Personnel Manpower Roster (UPMR) TR: AFI 36-2110, AFI 38-201 and AFTTP 3-3				A
AA.7.2.	Personnel Utilization TR: AFI 21-101				A
AA.8.	MAINTENANCE SUPPLY				
AA.8.1.	Logistics Readiness Squadron (LRS) Supply Support TR: AFI 21-101, AFMAN 23-110 (Vol. 1) and AFTTP 3-3				A
AA.8.2.	Readiness Spares Packages TR: AFI 21-101, AFMAN 23-110 and AFTTP 3-3				A
AA.8.3.	Consumables Management TR: AFI 21-101, AFMAN 23-110 and AFTTP 3-3				A
AA.8.4.	Equipment Items TR: AFI 21-101, AFMAN 23-110 and AFMAN 23-220				A
AA.8.5.	Supply Assets Requiring Functional Check, Calibration, or Operational Flight Programming TR: AFI 21-101, AFMAN 23-110 and TO 00-20-3				A
AA.8.6.	Precious Metals Recovery Program TR: AFI 21-101 and AFMAN 23-110				A
AA.8.7.	Supply Points TR: AFI 21-101 and AFMAN 23-110				A
AA.8.8.	Local Manufacture TR: AFI 21-101				A
AA.8.9.	Repair Cycle Assets TR: AFI 21-101 and AFMAN 23-110				A
AA.8.10.	Supply Management Products TR: AFI 21-101 and AFMAN 23-110				A
AA.8.11.	Tail Number Bins (TNB) TR: AFI 21-101 and AFMAN 23-110				A
AA.8.12.	Maintenance Repair/Supply Delivery Priorities TR: AFI 21-101 and AFMAN 23-110				A
AA.8.13.	Classified Assets TR: AFI 21-101, AFJI 31-102, TO 00-5-1 and TO 00-20-1				A
AA.8.14.	Hazardous Materials TR: AFI 21-101, AFI 32-7086 and AFI 90-821				A
AA.8.15.	Supply Deficiency and Discrepancy Reporting TR: AFI 21-101, AFMAN 23-110 and TO 00-35D-54				B
AA.8.16.	Special Handling of Supply Assets Containing Hazardous Materials TR: AFI 24-203, AFI 32-7086, AFMAN 23-110, TO 42B2-1-3, and TO 6J3-1-1				A
AA8.17.	Maintenance Supply Liaison TR: AFI 21-101 and AFMAN 23-110				A
AA.9.	TECHNICAL ORDER MANAGEMENT				
AA.9.1.	Technical Orders Distribution Process TR: AFI 21-101, AFI 63-101, AFTTP 3-3 and TO 00-5-1				A
AA.9.2.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15				A

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AEROSPACE MAINTENANCE CRAFTSMAN

1. Tasks Knowledge And Technical References		4. Proficiency Codes Used To Indicate Training/Information Provided			
		A 3-Skill Level	B 5-Skill Level	C 7-Skill Level	
		(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.9.3.	Technical Order Change Process TR: AFI 21-303				A
AA.9.4.	Technical Order Waivers TR: AFI 21-101 and AFI 21-303				A
AA.10.	MAINTENANCE REQUIREMENTS AND PROGRAMS				
AA.10.1.	Cannibalization Program TR: AFI 21-101 and AFTTP 3-3				A
AA.10.2.	Restricted Maintenance Areas TR: AFI 21-101				A
AA.10.3.	Red Ball Maintenance TR: AFI 21-101				A
AA.10.4.	Aircraft/Equipment Impoundment Program TR: AFI 21-101				A
AA.10.5.	Foreign Object Damage (FOD) Program TR: AFI 21-101, AFI 36-2232 and AFTTP 3-3				A
AA.10.6.	Dropped Object Prevention (DOP) Program TR: AFI 21-101				A
AA.10.7.	Tool Management TR: AFI 21-101				A
AA.10.8.	Tool Accountability TR: AFI 21-101				A
AA.10.8.1.	Marking and Tool Identification TR: AFI 21-101				A
AA.10.8.2	Locally Manufactured, Developed, or Modified Tools and Equipment TR: AFI 21-101				A
AA.10.8.3.	Lost Item/Tool Procedures TR: AFI 21-101				A
AA.10.9.	Maintenance Recovery Team TR: AFI 21-101				A
AA.11.	QUALITY ASSURANCE (QA) PROGRAM				
AA.11.1.	Maintenance Standardization and Evaluation Program (MSEP) TR: AFI 21-101 and AFTTP 3-3				A
AA.11.2.	QA Product Improvement Program TR: AFI 21-101				A
AA.11.3	Configuration Management (CM) and Modification Management TR: AFI 21-101				A