DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington, DC 20330-1030

CFETP 2A5X3A
Parts I and II
October 2002

AFSC 2A5X3A

COMMUNICATION/NAVIGATION /MISSION SYSTEMS

CAREER FIELD EDUCATION AND TRAINING PLAN

CAREER FIELD EDUCATION AND TRAINING PLAN
COMM/NAV/MISSION SYSTEMS
AFSC 2A5X3A

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Supersedes: CFETP 2A5X3A, Feb 00 Certified by: HQ USAF/ILMM (CMSgt J. Mayle)
CFETP 2A1X3, Feb 94; Change 1,2,3,4; Feb 94, May 97; Jun 98, Dec 99 Number of Printed Pages: 458
AFJQS 2A1X3 (T), Mar 96; Change 1 (T), Dec 99 OPR: 365 TRS/TRR (Christina Peterson)
CFETP 2A4X2, Feb 94; Change 1,2,3; Feb 94, Jun 98, Jun 99; AFJQS 2A4X2 (T), Mar 96; Change 1 (T), Dec 99

COMMUNICATIONS/NAVIGATIONS/MISSION SYSTEMS
AFSC 2A5X3A
CAREER FIELD EDUCATION AND TRAINING PLAN

PART I

PREFACE

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training. To read, review, or print a copy of current CFETP, go to the Aircraft Maintenance Homepage at: **http://www.il.hq.af.mil/ilm/ilmm/acmaint/index.html**. ***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 of the CFETP to plan, manage, and control training within the career field.
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. Some examples are funds, manpower, equipment, and facilities. Section E identifies transition training guide requirements to support career field restructures.
2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, and technical references to support training, Air Education and Training Command (AETC) conducted training, wartime course requirements, core tasks, and correspondence course requirements. Section B contains the course objective list and training standards supervisors use to determine if airmen satisfied training requirements. Section C identifies available support materials. An example is a Qualification Training Package (QTP) developed to support proficiency training. These QTP packages are identified in AFIND8, *Numerical Index of Specialized Educational Training Publications.* Section D identifies a training course index supervisors use to determine resources available to support training. Included here are both mandatory and optional courses. Section E identifies MAJCOM unique training requirements supervisors use to determine additional training requirements unique to the MAJCOM.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

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

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

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

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

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

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

Core Task. A task Air Force Career Field Managers (AFCFMs) identify as a minimum qualification requirement within an Air Force Specialty regardless of duty position. Core tasks identified with an */R are optional for AFRC and ANG.

Course Objective List (COL). A publication identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-, 5-, and 7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, *Developing, Managing and Conducting Military Training Programs.*

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

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

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

Initial Skills Training. A formal resident course which results in award of a 3-skill level AFSC.

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

Mission Ready Airman (MRA). A formal course which results in an airman receiving hands-on training and task certification of selected tasks so the individual will be immediately productive upon arrival at their first duty section.

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

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

Qualification Training (QT). Actual hands-on task performance training designed to qualify an airman in a specific duty position. This training 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 package 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, and equipment that preclude desired training from being accomplished.

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

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

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

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

Utilization and Training Workshop (U&TW). A forum of MAJCOM Air Force Specialty Code (AFSC) Functional Managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

SECTION A - GENERAL INFORMATION

1. Purpose: This CFETP provides the information necessary for Air Force Career Field Manager (AFCFM), MAJCOM Functional Managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSC 2A5X3A should receive to develop and progress throughout their career. This CFETP identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by AETC at Sheppard AFB TX. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after upgrade training. It is designed to provide the performance skills/knowledge to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

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

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

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

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

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

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

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

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

3. Coordination and Approval: The AFCFM is the approving authority. The using MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for AFSC 2A5X3A will initiate an annual review of this document by AETC and MAJCOM AFSC functional managers to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

SECTION B - CAREER FIELD PROGRESSION AND INFORMATION

4. Specialty Descriptions:

4.1. Specialty Summary (Apprentice-Craftsman): Analyzes malfunctions, inspects, removes, maintains, and installs communication/navigation/mission systems. Performs and supervises avionics maintenance and general aircraft servicing and handling. Related DoD Occupational Subgroup: 198.

4.1.1. Duties and Responsibilities.

4.1.1.1. Communication/Navigation/Mission Systems Apprentice and Journeyman (2A533A/53A). Performs organizational and limited intermediate maintenance to support communication/navigation/mission systems such as offensive radar, controls and displays, Electro-optical Viewing System (EVS), photographic systems, integrated mission computers, communications, Electrical Multiplexing (EMUX), inertial navigation, Doppler systems, and Global Positioning System. Operates equipment to determine condition. Identifies, isolates and repairs malfunctions utilizing hand tools, Support Equipment (SE), Built-In-Test (BIT)/Ground Readiness Test (GRT) functions, and Test, Measurement, and Diagnostic Equipment (TMDE). Traces logic, signal flow, schematic, and wiring diagrams. Inspects, repairs, aligns, calibrates, and functionally checks aircraft Line Replaceable Units (LRUs) and limited Shop Replaceable Units (SRUs). Maintains, inspects, performs preventative maintenance, and repairs SE. Repairs, fabricates, and installs wiring harnesses, interconnecting cables, chassis harness assemblies, antenna/transmission lines, and multi-connector cables. Removes, installs, modifies, aligns, programs, and operates offensive avionic systems and records information on equipment maintenance data collection forms. Enters data into automated systems. Recommends methods to improve equipment performance and maintenance procedures. Handles, labels, and disposes of hazardous materials and waste according to environmental standards.

4.1.1.2. Communication/Navigation/Mission Systems Craftsman (2A573A). Supervises, performs maintenance, and conducts/certifies training in the maintenance of communication/navigation/mission systems. Analyzes and interprets layout drawings, schematics and on-board/ground-based computerized fault detection systems to diagnose difficult maintenance problems. Identifies maintenance problem areas from maintenance data collection systems and recommends corrective actions. Interprets inspection findings for appropriate corrective action. Evaluates proposed modifications. Interprets maintenance operating instructions and procedures for the communication/navigation/mission systems.

4.2. Specialty Summary Aerospace Maintenance Superintendent (2A590). Plans, organizes, and directs maintenance activities. Establishes production controls and work standards.

4.2.1. Duties and Responsibilities:

4.2.1.1. Analyzes reports on maintaining, installing, removing, and repairing aircraft systems to improve work methods and repair techniques. Plans physical layout of facilities. Provides for spare parts, test equipment, and other resources necessary for aircraft maintenance.

4.2.1.2. Coordinates with supply, operations, and other maintenance activities to improve procedures and resolve problems. Directs and controls the inspection, adjustment, removal, replacement, and calibration of internal and external mounted aircraft equipment.
4.2.1.3. Directs repair of aircraft systems. Establishes and checks inspection procedures. Determines extent and economy of repairs required. Inspects activities to solve maintenance, supply and personnel problems. Analyzes inspection findings and recommended corrective actions.
4.2.1.4. Solves problems and interprets operational and technical directives to ensure quality maintenance to accomplish mission requirements. Determines funding requirements and develops budgets. Advises and briefs commanders and senior staff members on all maintenance related activities. Ensures hazardous materials and waste are handled, stored, and disposed of according to environmental standards.

5. Skill and Career Progression: Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential for everyone involved in training to 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 proper training at appropriate points in their career. The following narrative and the AFSC 2A5X3A Enlisted Career Training Flowcharts identify the career skill progression.
5.1. Apprentice (3-level). Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills. They will utilize the Career Development Course 2A553A, Communication/Navigation/Mission Systems, Task Qualification Training, and available exportable courses for continued advancement. Once task certified, a trainee may perform the task unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.
5.2. Journeyman (5-level). Once upgraded to the 5-level, a journeyman will enter into continuation training to broaden their experience base. Journeymen may be assigned job positions such as squadron support, software analysis, quality assurance, and various staff positions. Journeymen should complete available TD courses and MAJCOM specific training. Individuals will attend the Airman Leadership School (ALS) after having 48 months in the Air Force. Journeymen will be considered for appointment as unit trainers after completion of a formal trainer course. They should attend the available Communication/Navigation/Mission Systems advanced technical training courses for the assigned Mission Design Series (MDS). Individuals will use their CDCs to prepare for promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree. Timelines and requirements may vary for ANG and AFRC.
5.3. Craftsman (7-level). A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, flight/section chief, and task certifier. They can also be assigned to work in staff positions. Craftsmen should take courses to obtain added knowledge in other avionic systems and in resource/personnel management. Continued academic education through CCAF and higher degree programs is highly encouraged. In addition, when promoted to TSgt, individuals will complete the Noncommissioned Officer Academy. MSgts are eligible to enroll in the Senior NCO Correspondence Course.
5.4. Superintendent (9-level). A 9-level can be expected to fill positions such as flight NCOIC, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget,

manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will complete the Senior Noncommissioned Officer Academy. Air National Guard and Air Force Reserve may use the correspondence course. Additional higher education and completion of courses outside their career AFSC are also recommended.

6. **Training Decisions:** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Communication/Navigation/ Mission Systems Career Field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were made by MAJCOM Functional Managers and Subject Matter Experts (SMEs) at the career field Utilization and Training Workshop held at Sheppard AFB, 17-21 May 1999.

6.1. Initial Skills:

6.1.1. The MAJCOM representatives decided that assembling solderless connectors, digital multimeter, serial bus analyzer, bonding meters and wire maintenance were to be added to the Electronics Principles Course. To complete their Initial Skills Training, personnel will first satisfactorily complete a mandatory resident course.

6.2. Five-Level Upgrade Training. Students will be required to complete the 2A553A, Communication/ Navigation/Mission Systems Journeyman CDC prior to upgrade. The Specialty Training Standard (STS) was re-accomplished to provide additional training and to identify Air Force directed core tasks for upgrade to the 5-level and the 7-level.

6.3. Seven-Level Upgrade Training. Completion of the new 7-level management CDCs will be mandatory. Logistics Maintenance Management and maintenance accountability will be taught to a "C" level in the formal 7-level course. Scenarios, aircraft generation, and knowledge of training procedures were also added to the formal course.

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

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

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

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

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

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

7.3.1. Technical Education (24 Semester Hours). A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective subjects/courses.

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

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

7.3.4. General Education (15 Semester Hours). applicable courses must meet the definition of General Education Requirement (GER) subjects/courses as provided in the CCAF General Catalog.

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

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

8. Career Field Path

8.1. Enlisted Career Path. Table 8.1 identifies career milestones for the 2A5X3A Air Force Specialty.

Table 8.1 Enlisted Career Path				
Education and Training Requirements	**Grade Requirements**			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training. - Complete all 5-level core tasks on one MDS. - Complete appropriate CDC if/when available.	Amn A1C SrA	6 months 16 months 3 years	28 months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).				
<u>Trainer</u> - Qualified and certified to perform the task to be trained. - Have attended the formal trainer's course and appointed in writing by Commander.	**<u>Certifier</u>** - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal certifier course and appointed in writing by Commander. - Be a person other than the trainer.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - Complete all 5- and 7-level core tasks on one mission design aircraft. - Complete appropriate CDC if/when available. - Advanced Technical School. - Minimum 12 months on-the-job training	SSgt	7.5 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt MSgt	12.5 years 16 years	5 years 8 years	22 Years 24 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt Selectee. - A percentage of top non-select (for promotion to E-8) MSgts attend the SNCOA each year. - Resident or correspondence graduation is a prerequisite for CMSgt sew-on.	SMSgt	19.2 years	11 years	26 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt.	CMSgt	21.5 years	14 years	30 Years

8.2. Base/Unit Education and Training Manager Checklist:

Table A8.2. Base/Unit Education and Training Manager Checklist		
Requirements for Upgrade to:	**Y**	**N**
Journeyman - Has the apprentice completed mandatory CDCs, if available? - Has the apprentice completed all appropriate 5-level core tasks identified in the CFETP? - Has the apprentice completed all other duty position tasks identified by the supervisor? - Has the apprentice completed 15 months training (9 months for retrainees) for award of the 5-skill level? - Has the apprentice met mandatory requirements listed in specialty description, AFMAN 36-2108 (Airman Classification), and CFETP? - Has the apprentice completed CAMS Course J6AZU00066-058? (Exception: AMC and AMC gained ANG/AFRC Personnel). - Has the apprentice been recommended by their supervisor?		
Craftsman - Has the journeyman achieved the rank of SSgt? - Has the journeyman completed mandatory CDCs? - Has the journeyman completed all core tasks identified in the CFETP? - Has the journeyman completed all other duty position tasks identified by the supervisor? - Has the journeyman completed CAMS Course J6AZU00066-062? (Exception: AMC and AMC gained ANG/AFRC personnel). - Has the journeyman attended 7-skill level Craftsman Course? **First, they must complete:** -- All 7-level training requirements listed in the CFETP. -- All applicable CDCs. - Has the journeyman completed a minimum 12 months UGT for award of the 7-skill level?		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade Trainee

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

_____ _____

Training Manager Supervisor

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

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

10. Specialty Qualification: The various skill levels in this career field are defined in terms of tasks and knowledge proficiency requirements for each skill level. They are stated in broad general terms and establish the standards of performance. The specific task and knowledge training requirements are identified in the STS in Part II, Section A of the CFETP. Unit work centers must develop a structured training program to ensure the following requirements are met.
10.1. Apprentice Level Training (3-Level):
10.1.1. Specialty Qualification. To perform duties at the Apprentice Level, an individual must be able to understand basic system theory of operation and be able to perform certain organizational maintenance tasks under close supervision until task certification is complete.
10.1.1.1. Knowledge. A three-skill level must be able to use technical data, common hand tools, and special test equipment. Apprentices must be qualified to remove and install system LRUs and SRUs, Perform operational checks, troubleshoot Communication/Navigation/Mission systems to the fault identification and/or isolation level, trace signal/data flow of system schematic diagrams, and document maintenance actions in the automated data system.
10.1.1.2. Education. For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science and mechanics is desirable.
10.1.1.3. Training. Training to the three-skill level will require completion of the Electronic Principles course conducted at Keesler AFB MS and an initial skills course at Sheppard AFB TX. For award of AFSC 2A533A, completion of the basic Communication/Navigation/Mission Systems Principles Course (J3ABR2A533A 003) is mandatory.
10.1.1.4. Experience. There is no experience necessary for entry into AFSC 2A533A.
10.1.1.5. Other.
10.1.1.5.1. For entry into this specialty, normal color vision as defined in AFI 48-123 is mandatory.
10.1.1.5.2. For award and retention of AFSC 2A553A, eligibility for a Secret security clearance is required as outlined in AFI 31-501.
10.1.2. Training Sources. The initial skills courses are focused to increase “hands-on” time with task performance as the basic learning foundation. These courses will provide the required knowledge and qualification training. Initial skills training encompasses basic system theory and operation, system components, component removal and installation, introduction to maintenance concepts, general flightline maintenance practices, use of technical publications, maintenance documentation, and support equipment familiarization and use. The course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS.
10.1.3. Implementation. Upon graduation from Basic Military Training, airmen are assigned to Keesler AFB MS for completion of Course E3AQR2A533A 332, Electronic Principles. Airmen will then go to Sheppard AFB to attend course J3ABR2A533A 003, Communication/Navigation/

Mission Systems Apprentice. Upon graduation from this course, airmen should attend appropriate airframe specific FTD courses.

10.2. Journeyman Level Training (5-Level):

10.2.1. Specialty Qualification. In addition to the 3-level qualifications, a 5-level must possess the knowledge and skills necessary to maintain avionic systems.

10.2.1.1. Knowledge. An individual must be task qualified on: inspecting communication/ navigation/mission systems components, troubleshooting components, removal and installation of system SRUs, repair and replacement of components, BIT/GRT tests, and the use and maintenance of test and support equipment. Individuals must be able to apply the proper handling, use, and disposal of hazardous waste and materials according to environmental standards.

10.2.1.2. Education. There is no formal education for upgrade to 2A553A.

10.2.1.3. Training. Requirements for the Journeyman level require completion of the 5-level CDC and completion of the 5-level core tasks specified in the STS.

10.2.1.4. Experience. Qualification in and possession of AFSC 2A533A. Also, experience performing or supervising functions such as removing and installing system LRUs and SRUs, performing operational checks, and troubleshooting communication/navigation/mission systems.

10.2.1.5. Other. Normal color vision as defined in AFI 48-123 is mandatory.

10.2.2. Training Sources and Resources. The 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

10.2.3. Implementation. Training to the 5-level is performed by the unit, utilizing STS, CDCs, and OJT. Upgrade to the 5-level requires completion of the applicable 2A553A Communication/Navigation/Mission Systems CDC, and completion of all 5-level core tasks on one MDS aircraft and appropriate I-level systems.

10.3. Craftsman Level Training (7-Level):

10.3.1. Specialty Qualification. In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge in theory, concepts, principles and application as they apply to Communication/Navigation/Mission Systems.

10.3.1.1. Knowledge. The 7-level must be able to supervise and train personnel to perform required maintenance. They must be able to conduct long-range planning and scheduling, and be able to organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair and inspection techniques; component and system fault isolation (troubleshooting, and diagnostics techniques); and repair requirements, procedures and evaluation. Historical documentation analysis is also required for all 7-levels.

10.3.1.2. Education. There are no additional education requirements beyond those defined for the apprentice level.

10.3.1.3. Training. Completion of CDC 2AX7X, and the resident 7-level course, J3ACR2A573-001, Craftsman Avionics, at Sheppard AFB TX is mandatory for upgrade to AFSC 2A573A.

10.3.1.4. Experience. Completion of all 5- and 7-level core tasks on one MDS aircraft as identified in the STS, and qualification in and possession of AFSC 2A553A. Also, experience performing or supervising functions such as analyzing equipment operating characteristics to isolate malfunctions in Communication/Navigation/ Mission Systems, multiplexed data bus

systems, video recording systems, electro-optical viewing systems (EVS), inertial navigation systems and appropriate I-level systems.
10.3.1.5. Other. Normal color vision as defined in AFI 48-123 is mandatory.
10.3.2. Training Sources and Resources. Seven-level upgrade training will be conducted by certified trainers using AF core tasks, unit/MAJCOM specific courses, and the formal 7-level course, J3ACR2A573 001 Craftsman Avionics Course. The 7-level CDC and resident courses are written to provide advanced system/management knowledge, and troubleshooting skills.
10.3.3. Implementation. Upgrade to the 7-level will require completion of all applicable 5- and 7-level AF core tasks on one MDS, 7-level CDCs, 12 months OJT as a SSgt, and completion of the 7-level Craftsman Avionics Course. Completion of AF core tasks and 7-level CDC will be completed before attending the resident course.
10.4. Superintendent Level Training (9-Level):
10.4.1. Specialty Qualification. In addition to 7-level qualifications, individuals must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance.
10.4.1.1. Knowledge. The 9-level needs to be an effective leader; must be able to forecast, budget and manage unit operations and maintenance (O&M) funding and other assigned resources; and must be knowledgeable of environmental standards and ensure adherence to the proper handling and disposal of hazardous materials.
10.4.1.2. Education. There are no additional requirements beyond those defined for the apprentice level.
10.4.1.3. Training. For award of AFSC 2A590, promotion to SMSgt is mandatory.
10.4.1.4. Experience. Qualification in and possession of AFSC 2A471, 2A472, 2A172, 2A173, or 2A573A. Also experience managing or directing repair activities for communication, navigation and mission systems, and associated maintenance functions.
10.4.1.5. Other. Normal color vision as defined in AFI 48-123 is mandatory.
10.4.2. Training Sources and Resources. The Senior NCO Academy and unit OJT will be used for training.
10.4.3. Implementation. The 9-level will be awarded after completing MAJCOM requirements, unit OJT and promotion to SMSgt. Individuals will attend the Senior NCO Academy after they are selected for promotion to SMSgt. Guard and Reserve personnel may use the correspondence course.

SECTION D - RESOURCE CONSTRAINTS

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

12. Apprentice Level Training:
12.1. Constraint: Technical school aircraft and trainer configurations do not support all of the identified STS Apprentice Level Course objectives. Several operational checks must be developed before certain STS line items can be taught. B-1 Armament/Avionics Maintenance Trainer System Ground Readiness Tests must match current aircraft configurations.

12.1.1. Impact: A number of STS task items cannot be taught due to the lack of operational systems on Sheppard AFB aircraft.
12.1.2. Resources Required: Aircraft systems require parts and repair.
12.1.3. Action Required: Repair aircraft systems. OPR: 82 LG and 365 TRS.
12.1.4. OPR/Target Completion Date. 365 TRS/TRR and 82 LG. Oct 00.
12.2. Constraint: The trainers currently used by Sheppard AFB are primarily bomber related.
12.2.1. Impact: The training contract to provide training on other than bomber related systems cannot be conducted. The school will need avionics systems trainers currently located at Keesler AFB MS
12.2.2. Resources Required: Systems needed include but are not limited to eight C-130 and four C-141 trainers to support ARN-147, ARN-118, APN-59, APX-72, ARC-176, KY-58, KIK-13, CYZ-10, AIC-18, AIC-25, ARC-186, ARC-190, CAN-133, APN-232.
12.2.3. Action Required: The 365 and 332 TRS will coordinate efforts to ensure equipment needs are met.
12.2.4. OPR/Target Completion Date: 365 and 332 TRS, and 81 and 82 LG. Nov 02.

SECTION E - TRANSITIONAL TRAINING GUIDE

1.1. Initial Skills Training (3 Skill Level): The basic 2A5X3A initial skills course will decrease to 88 days with the addition of the Communication/Navigation training from C shred. Communication/Navigation training and resources will transfer from Keesler AFB MS to Sheppard AFB TX. The revised A-shred course will be on-line NLT January 2003 so students can be graduated by May 2003. The 5 level 2A553A, Communication/ Navigation/Mission Systems Journeyman CDCs are required for upgrade. All CDCs will be used for SKT testing.

1.2. Journeyman/Craftsman (5/7 Skill Level): There is no required training for this conversion. Individuals will be exempt from SKT testing for two years (until 2005 cycle).

PART II

SECTION A - SPECIALTY TRAINING STANDARD

1. Implementation. This STS will be used for technical training provided by Air Education and Training Command (AETC) for classes beginning January 2003.

2. Purpose. As prescribed in AFI 36-2201, this STS:
2.1. Lists in column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level.
2.2. Identifies in column 2 (Core Tasks) by asterisk (*), specialty-wide training requirements. Core tasks identified with an */R are optional for the AFRC and the ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional critical tasks as necessary. When designated, certify these core tasks using normal core task certification procedures. As a minimum, certification on all AFCFM directed core tasks applicable to the specialty must be completed for skill level upgrade. Exemptions:

2.2.1. Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade. Units are not required to send personnel TDY for core task training.
2.2.2. For units with more than one mission design aircraft, upgrade trainees need only complete core tasks on a single mission design. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design aircraft, if desired. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.
2.2.3. Units that use the GO81 maintenance data collection system do not need to complete Core Automated Maintenance System (CAMS) Computer Based Training (CBT) core tasks. However, these units must be capable of training CAMS related CBT core tasks for deployment preparation. This capability ensures GO81 users are capable of operating CAMS prior to deploying to CAMS using units.
2.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification completed date.
2.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course. When two codes are used in columns 4A and 4C(1) (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listing.
2.5. Qualitative Requirements. Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.
2.6. Job Qualification Standard. Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:
2.6.1.Documentation. Document and certify completion of training IAW AFI 36-2201. Automated records, utilizing Core Automated Management System (CAMS) or Integrated Maintenance Data System (IMDS)/Global Combat Support System (GCSS), reflecting this STS may be used and are highly encouraged. Use of attachments one, two and twenty is mandatory in individual training records along with CFETP Part I and Part II, Section A. Use of at least one of attachments three through nineteen is required. Identify duty position requirements by circling (in pencil) the subparagraph number next to the task statement. As a minimum, complete the following columns in Part 2 of the CFETP: date training completed, trainee initials, trainer initials, and certifier initials (core tasks only). Trainers may sign off non-core and non-critical tasks by initialing the trainer's column; third party certification is not required for non-core and non-critical tasks. There are no approved AFJQS for this AFSC.
2.6.1.1. Converting from Old Document to CFETP. All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, conversion of all training records to this CFETP STS is

mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications.

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

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

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

2.6.1.1.4. The person whose initials appear in the trainer or certifier block during the transcription process must meet the requirements of their respective roles.

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

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

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

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

2.6.3. Disposition of Training Records. Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. For example, an individual working in a tool crib must maintain documented career field qualifications in case they return to duty on the flightline or in the shop. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

2.7. Specialty Training Standard. Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual

responsibilities are in chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

3. Recommendations. Report unsatisfactory performance of individual course graduates to the AETC training manager at 365 TRS/TRR, 609 9th Avenue Stop 242, Sheppard AFB TX, 76311-2335, DSN 736-7891. Reference specific STS paragraphs. For a quick response to problems, call our Training Feedback Hotline, DSN 736-2574.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

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

20 Attachments
1. Proficiency Code Key (Mandatory to file with CFETP Section I and Section II, Part A)
2. Common Task Training Requirements, (Mandatory)
3. B-1 Training Requirements (Mandatory for B-1 personnel)
4. B-2 Training Requirements (Mandatory for B-2 personnel)
5. B-52 Training Requirements (Mandatory for B-52 personnel)
6. C-5 Training Requirements (Mandatory for C-5 personnel)
7. C-9 Training Requirements (Mandatory for C-9 personnel)
8. C-17 Training Requirements (Mandatory for C-17 personnel)
9. C-130 Training Requirement, (Mandatory for C-130 personnel)
10. C-130J Training Requirements (Mandatory for C-130J personnel)
11. EC-130E Training Requirements (Mandatory for EC-130E personnel)
12. C-141 Training Requirements, (Mandatory for C-141 personnel)
13. KC-10 Training Requirements (Mandatory for KC-10 personnel)
14. KC-135 Training Requirements (Mandatory for KC-135 personnel)
15. E-3 Training Requirements (Mandatory for E-3 personnel)
16. E-4B Training Requirements (Mandatory for E-4B personnel)
17. E-8C Training Requirements, Mandatory for E-8C personnel)
18. HH-60(M)G Training Requirement, (Mandatory for HH-60(M)G personnel)
19. SOF Training Requirement, (Mandatory for SOF personnel)
20. Electronic Fundamentals Training Requirements (Mandatory

THIS BLOCK IS FOR IDENTIFICATION PURPOSES ONLY		
NAME OF TRAINEE		
PRINTED NAME (*Last, First, Middle Initial*)	INITIALS *(Written)*	SSAN
PRINTED NAME OF TRAINING/CERTIFYING OFFICIAL AND WRITTEN INITIALS		
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	

QUALITATIVE REQUIREMENTS

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

EXPLANATIONS

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

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

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

/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3b/-, 2b/-) or that training is presented to a lower level due to limitations in resources (3c/b, 2b/b).

Attachment 1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 2 (Common Training Requirements) NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident wartime course. The 7 level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Address comments and recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, DSN 736-7891.											
A2.1. CAREER LADDER PROGRESSION											
A2.1.1. Progression in career ladder 2A5X3A TR: AFI 36-2108, AFVA 39-1								A	-	-	-
A2.1.2. Duties of 3-, 5-, and 7-level personnel TR: AFMAN 36-2108								B	-	-	-
A2.2. SECURITY											
A2.2.1. Information Security TR: AFI 31-401, 31-501, AFPD 31-4, 31-5, and applicable directives											
A2.2.1.1. Classification of information								A	-	-	B
A2.2.1.2. Prevention of security violations								A	-	-	-
A2.2.1.3. Access to classified information								-	-	-	B
A2.2.2. Physical Security TR: AFI 31-101V1, DODR 5200-8, AFPD 31.1											
A2.2.2.1. Control of restricted areas								-	-	-	-
A2.2.2.2. Security alert reporting								-	-	-	-
A2.2.2.3. Make entries on cabinet, safes, and room security forms								A	-	-	B
A2.2.2.4. Proper handling of classified materials/ controlled cryptographic item (CCI)								A	-	-	-
A2.2.3. Communications Security (COMSEC) TR: AFI 33-211, DoD 5200-1-4, AFPD 33-2											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.2.3.1. COMSEC Education Program								-	-	-	B
A2.2.3.2. Specific 2A5X3A vulnerabilities								A	-	-	-
A2.2.4. Operations Security (OPSEC) TR: AFI 10-1101, AFPD 10-11, and applicable directives											
A2.2.4.1. Goals of OPSEC program								A	-	-	B
A2.2.4.2. Relationship to other programs								-	-	-	-
A2.2.4.3. Specific 2A5X3A vulnerabilities								A	-	-	-
A2.2.4.4. Function of CILS (critical information lists)								A	-	-	-
A2.2.5. Computer Security (COMPUSEC)								A	-	-	B
A2.3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFI 91-series, appropriate technical orders											
A2.3.1. AFOSH standards for AFSC 2A5X3A								-	-	-	-
A2.3.2. Maintain safe work area								-	-	-	-
A2.3.3. Hazards/Safety Practices of AFSC 2A5X3A											
A2.3.3.1. RF energy								A	-	-	-
A2.3.3.2. Noise								A	-	-	-
A2.3.3.3. Compressed gases								A	-	-	-
A2.3.3.4. Electrical power								A	-	-	-
A2.3.3.5. Hydraulic power								A	-	-	-
A2.3.3.6. Hazardous liquids								A	-	-	-
A2.3.3.7. Radioactive parts and materials								A	-	-	-
A2.3.3.8. Aircraft								-	-	-	-
A2.3.3.9. AGE equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.3.3.10. Electrical equipment								A	-	-	-
A2.3.3.11. Beryllium/copper alloys								A	-	-	-
A2.3.3.12. Lasers								A	-	-	-
A2.3.3.13. Composites								A	-	-	-
A2.3.3.14. CRTs								A	-	-	-
A2.3.3.15. Lifting Devices								A	-	-	-
A2.3.3.16. Practice FOD prevention								2b	-	-	-
A2.3.3.17. AF Nuclear Surety Program								-	-	-	-
A2.3.3.18. Heavy Lifting								-	-	-	-
A2.4. HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: AFI 23-504, AFI 33-7042, AFPAM 32-7043, Applicable Federal Codes, EPA State Regulations											
A2.4.1. Types of hazardous material /fluids								B	-	-	-
A2.4.2. Handling procedures								B	-	-	B
A2.4.3. Storage and labeling								B	-	-	-
A2.4.4. Proper disposal								B	-	-	B
A2.4.5. Material Safety Data Sheet								B	-	-	-
A2.4.6. Report Hazard Material Spills								-	-	-	-
A2.5. MAINTENANCE MANAGEMENT TR: AFI 21-101											
A2.5.1. Basic functions and responsibilities of the maintenance complex								-	B	C	B
A2.5.2. Maintenance Data Collection								A	B	-	-
A2.5.3. Automated Maintenance System								A	B	-	-
A2.5.4. Maintenance accountability								-	B	C	B

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.5.5. Operational Risk Management								-	-	-	B
A2.5.6. Logistics/Resource Maintenance Management											
A2.5.6.1. Logistics Management								-	-	C	B
A2.5.6.2. Resource Management								-	-	-	B
A2.5.6.3. Standard Publication Use								-	A	-	-
A2.5.6.4. Deficiency Reporting								-	A	-	B
A2.5.6.5. Product Improvement Working Group, Test Planning Working Group, System Training Plan, and Product Improvement Review								-	-	-	A
A2.5.6.6. Financial Plan								-	-	-	A
A2.5.6.7. Aircraft Maintenance Management Information Systems (CEMS, RAMPOD, PAMS, etc)								-	-	-	B
A2.5.6.8. SMR Codes (AFTO Form 135)								-	-	-	B
A2.5.6.9. Modification Proposals (AF Form 1067)								-	-	-	B
A2.5.6.10. Aircraft/Equipment Status Monitoring								-	-	-	B
A2.5.6.11. Compliance and Standardization Requirements Listing (CSRL)								-	-	-	A
A2.5.6.12. Maintenance QPM Relationships (repeat/recur, fix, break, cannibalization rates etc.)								-	-	-	B
A2.5.6.13. FOD Program Manager								-	-	-	A
A2.5.6.14. Mobility (hazard declarations)								-	-	-	A
A2.5.6.15. Expediter, Production Supervisor and Flight Chief Duties and Responsibilities								-	-	-	B
A2.5.6.16. Maintenance Incident Investigation and Prevention								-	-	-	B
A2.5.6.17. AFMC Responsibility								-	-	-	A
A2.5.6.18. Minimum Essential Configuration Management								-	-	C	B

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.5.6.19. TMDE Program								-	-	-	A
A2.5.6.20. Warranty Program								-	-	B	-
A2.5.6.21. Workcenter Responsibilities								-	-	-	B
A2.5.6.22. IDEAL Program								-	-	-	-
A2.5.6.23. Repair Cycle Asset Program								A	-	C	B
A2.6. MAINTENANCE, INSPECTION SYSTEMS, AND FORMS TR: AFI 21-101, 00-20 series technical orders											
A2.6.1. Maintenance systems								-	-	-	-
A2.6.2. Aircraft inspection systems								-	A	B	-
A2.6.3. Use Maintenance Data Collection Forms								2b	-	-	-
A2.6.4. Historical Records								-	-	-	B
A2.6.5. Status Reports								-	-	-	B
A2.6.6. Configuration Management (aircraft/equipment records)								-	-	-	B
A2.6.7. Operate Core Automated Maintenance Systems (CAMS) TR: 00-20-2											
A2.6.7.1. Create discrepancy	*							2b	-	-	-
A2.6.7.2. Schedule discrepancy	*							2b	-	-	-
A2.6.7.3. Defer discrepancy	*							2b	-	-	-
A2.6.7.4. Transfer discrepancy	*							2b	-	-	-
A2.6.7.5. Sign off discrepancy											
A2.6.7.5.1. Cannibalization	*							2b	-	-	-
A2.6.7.5.2. Action taken code “P”	*							2b	-	-	-
A2.6.7.5.3. Action taken code “Q”	*							2b	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.6.7.5.4. Action taken code "R"	*							2b	-	-	-
A2.6.7.5.5. Special Inspections								2b	-	-	-
A2.6.7.5.6. Supply transactions								-	-	-	A
A2.6.7.5.7. Maintenance/Supervision Transactions								-	-	-	A
A2.6.7.5.8. Complete course J6ANU00066 043, CAMS for Flightline and Backshop	*/F							-	-	-	-
A2.6.8. Material Deficiency Reporting System											
A2.6.8.1. Deficiency Reporting System								-	B	-	B
A2.6.8.2. Initiate software improvement/deficiency report								-	-	-	B
A2.6.9. Use Aircraft/Equipment Maintenance Forms TR: 00-20-5											
A2.6.9.1. 781A	*							2b	A	-	B
A2.6.9.2. 781B								-	A	-	B
A2.6.9.3. 781C								-	-	-	-
A2.6.9.4. 781D								-	-	-	-
A2.6.9.5. 781F								-	-	-	-
A2.6.9.6. 781H								2b	A	-	B
A2.6.9.7. 781J								-	A	-	B
A2.6.9.8. 781K	*							2b	A	-	B
A2.6.9.9. 781L								-	A	-	B
A2.6.9.10. 781M								-	-	-	-
A2.6.9.11. AFTO Form 244/245								-	A	-	B
A2.6.9.12. AF Form 939/1492								-	-	-	-
A2.7. SUPERVISION											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.7.1. Orient new personnel TR: AFI-36-2108, 36-2201								-	-	-	-
A2.7.2. Assign personnel to work assignments TR: AFI 21-101 and applicable command directives								-	-	-	-
A2.7.3. Plan work assignments and priorities TR: AFI 21-101 and applicable command directives								-	-	-	-
A2.7.4. Schedule work assignments and priorities TR: AFI 21-101 and applicable command directives								-	-	-	-
A2.7.5. Coordinate work assignments TR: AFI 21-101 and applicable command directives								-	-	-	-
A2.7.6. Establish TR: AFI 21-101 and applicable command directives											
A2.7.6.1. Work methods								-	-	-	-
A2.7.6.2. Controls								-	-	-	-
A2.7.6.3. Performance Standards								-	-	-	-
A2.7.7. Evaluate work performance TR: AFI 21-101and applicable command directives								-	-	-	-
A2.7.8. Help resolve technical problems TR: AFIs 36-2101, 36-2201								-	-	-	-
A2.7.9. Initiate actions to correct substandard performance TR: AFIs 36-2903, -2907, -3202, -3208								-	-	-	-
A2.7.10. Counsel personnel and help resolve individual problems TR: AFP 36-2618								-	-	-	-
A2.7.11. Resource Protection								-	-	-	A
A2.7.12. Supervise TR: AFMAN 36-2108; AFIs 36-2201, 36-2103											
A2.7.12.1. Maintenance actions								-	-	-	B
A2.7.12.2. Inspection actions								-	-	-	B

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.7.13. Analyze											
A2.7.13.1. Maintenance reports and charts								-	-	-	B
A2.7.13.2. Inspection reports and charts								-	-	-	B
A2.7.14. Prepare											
A2.7.14.1. Maintenance inspection reports and charts								-	-	-	-
A2.7.14.2. Organization and functional charts								-	-	-	-
A2.7.15. Justify TR: AFI 21-101 and, applicable command directives											
A2.7.15.1. Personnel manning requirements								-	-	-	-
A2.7.15.2. Equipment Authorizations								-	-	-	-
A2.7.16. Recommend Policy Changes On Use Of TR: AFI 21-101and applicable command directives											
A2.7.16.1. Personnel								-	-	-	-
A2.7.16.2. Equipment								-	-	-	-
A2.7.17. Statement of charges TR: DODR 700-14V4, DOD 7200.1								-	-	-	B
A2.7.18. Perform Reports Of Survey TR: DODR 700-14V4, DOD 7200.1								-	-	-	B
A2.7.19. Aircraft Scheduling TR: AFI 21-101 and applicable MAJCOM Instructions											
A2.7.19.1. Utilize flow charts								-	-	C	-
A2.7.19.2. Status reporting								-	-	-	-
A2.7.19.3. Flying/maintenance plan								-	-	B	-
A2.8. TRAINING TR: AFI 36-2201											
A2.8. Evaluate personnel for need of training								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.8.2. Plan And Supervise OJT/EST:											
A2.8.2.1. Prepare JQSs (AF Form 797s)								-	-	-	-
A2.8.2.2. Conduct Training								-	-	-	-
A2.8.2.3. Counsel Trainees on their progress								-	-	-	-
A2.8.2.4. Provide motivation for trainers and trainees								-	-	-	-
A2.8.3. Career Field Education and Training Plan (CFETP)								-	-	-	B
A2.8.4. Specialty Training Standard (STS)								-	-	-	B
A2.8.5. Occupational Survey Report (OSR)								-	-	-	B
A2.8.6. Utilization and Training Workshop (U&TW)								-	-	-	B
A2.8.7. Monitor Effectiveness Of Training TR: AFI 36-2201											
A2.8.7.1. Career knowledge upgrade								-	-	-	-
A2.8.7.2. Job proficiency upgrade								-	-	-	-
A2.8.7.3. Qualification Training								-	-	-	-
A2.8.7.4. Maintain training records								-	-	-	-
A2.8.7.5. Evaluate effectiveness of training programs								-	-	-	-
A2.8.7.6. Recommend personnel for training								-	-	-	-
A2.8.8. OJT Trainer Requirements TR: AFI 36-2201											
A2.8.8.1. Prepare teaching outlines of tasks breakdowns								-	-	-	-
A2.8.8.2. Provide trainees theory and train on actual equipment								-	-	-	-
A2.8.8.3. Provide feedback on training provided								-	-	-	-
A2.8.9. OJT Task Certifier Requirements TR: AFI 36-2201											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.8.9.1. Develop methods of evaluation to determine trainee knowledge/qualification and training effectiveness								-	-	-	-
A2.8.9.2. Use appropriate method of evaluation and effectively determine trainees ability								-	-	-	-
A2.8.9.3. Provide supervisor and trainee feedback on results of training provided, and trainees strengths/weakness								-	-	-	-
A2.9. TECHNICAL PUBLICATIONS TR: 0-1-01, 00-5-1, 00-5-2, 00-5-15, 00-5-17, 00-5-18, 00-20-1, 00-20-5, ,80-00-1											
A2.9.1. Scope and application of the technical order system								A	B	-	-
A2.9.2. Technical Order TO) Management								-	-	-	B
A2.9.3. Use technical order indexes								-	-	-	-
A2.9.4. Use technical orders								2b	-	-	-
A2.9.5. Initiate technical order improvement/deficiency report								A	B	-	B
A2.9.6. Scope and application of the Computer Program Identification Number (CPIN) system								A	B	-	-
A2.9.7. Use CPIN compendium								-	-	-	-
A2.9.8. Maintain technical order files								-	-	-	-
A2.9.9. Time Compliance technical orders								-	-	-	B
A2.10. SUPPLY DISCIPLINE TR: AFI 21-101, AFMAN 23-110											
A2.10.1. Supply principles								-	-	-	-
A2.10.2. Property accountability and responsibility								A	B	-	B
A2.10.3. Principles of equipment authorization and management								-	A	-	B
A2.10.4. Special requisitions								-	-	-	-
A2.10.5. Back order verification								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.10.6. Use equipment condition tags								2b	-	-	-
A2.10.7. Use issue/turn-in requests								A	-	-	-
A2.10.8. Maintenance Supply Concept								-	-	-	B
A2.10.9. Supply Documents Management								-	-	-	B
A2.10.10. Equipment Account Management								-	-	-	B
A2.10.11. Status of Reports and Training (SORTS)								-	-	-	A
A2.10.12. Priority System								-	-	-	B
A2.10.13. Repair Cycle Assets								-	-	-	B
A2.10.14. Standard Base Supply System (SBSS)								A	-	-	B
A2.10.15. FEDLOG								A	-	-	A
A2.10.16. Classified Asset Handling								-	-	-	A
A2.10.17. Land Mobile Radios, Pagers, and Cell Phones								-	-	-	A
A2.10.18. Agile Logistics								-	-	C	A
A2.10.19. Depot level repairable								-	-	-	B
A2.10.20. Use Supply Products TR: AFMAN 23-110											
A2.10.20.1. DO4 (Daily Document Register)								-	-	-	B
A2.10.20.2. D18 (Priority Monitor List)								-	-	-	B
A2.10.20.3. M30 (Due-out Validation Listing)								-	-	-	B
A2.10.20.4. D23								-	-	-	-
A2.11. FUNDAMENTALS OF ON EQUIPMENT MAINTENANCE TR: Applicable aircraft –1 and –2 series technical orders											
A2.11.1. Use common tools TR: AFI 91-408, technical orders 00-25-234, 32-1-1, 32-1-2, 32-1-101, 32-1-211								2b	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.11.2. Use Torque Indicating Devices								2b	-	-	-
A2.11.3. Use special purpose tools								-	-	-	-
A2.11.4. Protection procedures when handling Electrostatic Sensitive Devices								A	B	-	-
A2.11.5. Use of panel sealant(s)								-	-	-	-
A2.11.6. Identify and perform corrosion control								a-	-	-	-
A2.11.7. Inventory and inspect CTKs								2b	-	-	-
A2.11.8. Use Safetying Devices											
A2.11.8.1. Safety wire								2b	-	-	-
A2.11.8.2. Shear wire								2b	-	-	-
A2.11.9. Remove and install (R&I)											
A2.11.9.1. Shock mounted	*							2b	-	-	-
A2.11.9.2. Tray mounted	*							2b	-	-	-
A2.11.9.3. Rack mounted	*							2b	-	-	-
A2.11.9.4. Console mounted	*							2b	-	-	-
A2.11.9.5. Aircraft surface mounted	*							2b	-	-	-
A2.12. AIRCRAFT FAMILIARIZATION TR: Applicable aircraft technical orders											
A2.12.1. Major structural areas								A	A	-	-
A2.12.2. Major systems								A	A	-	-
A2.12.3. Danger areas								B	B	-	-
A2.12.4. Egress Systems								A	-	-	-
A2.12.5. Practice safe entry procedures on aircraft with open fuel cells								-	-	-	-
A2.12.6. Purpose of radar absorption material (RAM)								A	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.12.7. Use Powered AGE											
A2.12.7.1. Power Cart (air)								-	-	-	-
A2.12.7.2. Heater								-	-	-	-
A2.12.7.3. Air Conditioner								-	-	-	-
A2.12.7.4. Light Cart								-	-	-	-
A2.12.7.5. Air Compressor								-	-	-	-
A2.12.7.6. MC-1A								-	-	-	-
A2.12.7.7. MC-2A								-	-	-	-
A2.12.7.8. Ground Power Unit								-	-	-	-
A2.12.7.9. Powered man-lift(s)								-	-	-	-
A2.12.7.10. Operate motorized maintenance stand								-	-	-	-
A2.12.8. Use Non-Powered AGE TR: AFI 91-408, applicable aircraft -4											
A2.12.8.1. Maintenance Platform (B-1)								-	-	-	-
A2.12.8.2. Maintenance Platform (B-2)								-	-	-	-
A2.12.8.3. Maintenance Platform (B-4/B-5)								-	-	-	-
A2.12.8.4. Maintenance Platform (B-7)								-	-	-	-
A2.12.8.5. Maintenance Platform (C-1)								-	-	-	-
A2.12.9. Use Special Purpose Vehicles TR: Operator Manuals											
A2.12.9.1. High Reach								-	-	-	-
A2.12.9.2. Deicer								-	-	-	-
A2.12.9.3. Cranes								-	-	-	-
A2.12.10. Launch/Recover aircraft								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.13. FUNDAMENTALS OF AVIONICS SYSTEMS MAINTENANCE TR: Applicable aircraft –1 and –2 series technical orders											
A2.13.1. Principles								-	-	-	-
A2.13.2. Nuclear hardness maintenance and inspections TR: Applicable system JG-00-1, 1-1A-14								A	-	-	-
A2.13.3. Source of EMI											
A2.13.3.1. Identify								A	-	-	-
A2.13.3.2. Locate								-	-	-	-
A2.13.3.3. Eliminate								-	-	-	-
A2.13.4. Source of RFI											
A2.13.4.1. Identify								A	-	-	-
A2.13.4.2. Locate								-	-	-	-
A2.13.4.3. Eliminate								-	-	-	-
A2.13.5. Data Bus Principles/Maintenance Practices TR: Applicable aircraft technical orders											
A2.13.5.1. Local Area Networks (OWS-LAN) 802.3								-	-	-	-
A2.13.5.2. MIL-STD-1553A								A	B	-	-
A2.13.5.3. MIL-STD-1553B								A	B	-	-
A2.13.5.4. RS-232								-	-	-	-
A2.13.5.5. RS-422								-	-	-	-
A2.13.5.6. MIL-STD-1760								-	-	-	-
A2.13.5.7. Fiber Optics								A	A	-	-
A2.13.5.8. Troubleshoot data buss								2b	-	-	-
A2.14. GENERAL RADAR SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.14.1. Theory Of Operation											
A2.14.1.1. Antenna systems								B	B	-	-
A2.14.1.2. Transmitters								B	B	-	-
A2.14.1.3. Receivers								B	B	-	-
A2.14.1.4. Ground Mapping								A	A	-	-
A2.14.1.5. Search/Weather Radar								A	A	-	-
A2.14.1.6. Terrain Avoidance								A	A	-	-
A2.14.1.7. Terrain Following								A	A	-	-
A2.14.1.8. Target Acquisition								A	A	-	-
A2.14.1.9. Bombing Radar								A	A	-	-
A2.14.1.10. Synthetic Aperture Radar								A	A	-	-
A2.14.1.11. Rendezvous Beacon								A	-	-	-
A2.14.1.12. Station Keeping								A	-	-	-
A2.14.1.13. Radar Altimeter								B	B	-	-
A2.14.2. Ground Mapping Radar											
A2.14.2.1. Purpose and Characteristics								B	-	-	-
A2.14.2.2. System Tie-In/Integration								A	-	-	-
A2.14.2.3. Perform operational checks								2b	-	-	-
A2.14.2.4. Remove and install (R&I) LRUs								2b	-	-	-
A2.14.2.5. Isolate Malfunctions								-	-	-	-
A2.14.3. Search/Weather Radar											
A2.14.3.1. Purpose and Characteristics								B	-	-	-
A2.14.3.2. System Tie-In/Integration								A	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.14.3.3. Perform operational checks								2b	-	-	-
A2.14.3.4. Remove and install (R&I) LRUs								2b	-	-	-
A2.14.3.5. Isolate Malfunctions								-	-	-	-
A2.14.4. Terrain Avoidance Radar											
A2.14.4.1. Purpose and Characteristics								-	-	-	-
A2.14.4.2. System Tie-In/Integration								-	-	-	-
A2.14.4.3. Perform operational checks								-	-	-	-
A2.14.4.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.4.5. Isolate Malfunctions								-	-	-	-
A2.14.5. Terrain Following Radar											
A2.14.5.1. Purpose and Characteristics								-	-	-	-
A2.14.5.2. System Tie-In/Integration								-	-	-	-
A2.14.5.3. Perform operational checks								-	-	-	-
A2.14.5.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.5.5. Isolate Malfunctions								-	-	-	-
A2.14.6. Target Acquisition Radar											
A2.14.6.1. Purpose and Characteristics								-	-	-	-
A2.14.6.2. System Tie-In/Integration								-	-	-	-
A2.14.6.3. Perform operational checks								-	-	-	-
A2.14.6.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.6.5. Isolate Malfunctions								-	-	-	-
A2.14.7. Synthetic Aperture Radar											
A2.14.7.1. Purpose and Characteristics								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.14.7.2. System Tie-In/Integration								-	-	-	-
A2.14.7.3. Perform operational checks								-	-	-	-
A2.14.7.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.7.5. Isolate Malfunctions								-	-	-	-
A2.14.8. Rendezvous Beacon											
A2.14.8.1. Purpose and Characteristics								-	-	-	-
A2.14.8.2. System Tie-In/Integration								-	-	-	-
A2.14.8.3. Perform operational checks								-	-	-	-
A2.14.8.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.8.5. Isolate Malfunctions								-	-	-	-
A2.14.9. Station Keeping Equipment (SKE)											
A2.14.9.1. Purpose and Characteristics								-	-	-	-
A2.14.9.2. System Tie-In/Integration								-	-	-	-
A2.14.9.3. Perform operational checks								-	-	-	-
A2.14.9.4. Remove and install (R&I) LRUs								-	-	-	-
A2.14.9.5. Isolate Malfunctions								-	-	-	-
A2.14.10. Radar Altimeter											
A2.14.10.1. Purpose and Characteristics								B	-	-	-
A2.14.10.2. System Tie-In/Integration								A	-	-	-
A2.14.10.3. Perform operational checks								2b	-	-	-
A2.14.10.4. Remove and install (R&I) LRUs								2b	-	-	-
A2.14.10.5. Isolate Malfunctions								-	-	-	-
A2.15. GENERAL COMPUTER COMPLEX SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.15.1. Principles											
A2.15.1.1. Central Processing Unit								-	-	-	-
A2.15.1.2. Memory Storage Devices								-	-	-	-
A2.15.1.3. Modem/Handshaker								-	-	-	-
A2.15.1.4. Power Supply								-	-	-	-
A2.15.2. Controls and Displays											
A2.15.2.1. Purpose and Characteristics								B	B	-	-
A2.15.2.2. Theory of Operation								B	B	-	-
A2.15.2.3. System Tie-In/Integration								A	-	-	-
A2.15.2.4. Perform operational checks								2b	-	-	-
A2.15.2.5. Remove and install (R&I) LRUs								-	-	-	-
A2.15.2.6. Isolate Malfunctions								-	-	-	-
A2.15.3. Computational Subsystem											
A2.15.3.1. Purpose and Characteristics								B	B	-	-
A2.15.3.2. Theory of Operation								B	B	-	-
A2.15.3.3. System Tie-In/Integration								A	-	-	-
A2.15.3.4. Perform operational checks								-	-	-	-
A2.15.3.5. Remove and install (R&I) LRUs								-	-	-	-
A2.15.3.6. Isolate Malfunctions								-	-	-	-
A2.15.4. Interface Subsystem											
A2.15.4.1. Purpose and Characteristics								A	-	-	-
A2.15.4.2. Theory of Operation								A	-	-	-
A2.15.4.3. System Tie-In/Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.15.4.4. Perform operational checks								-	-	-	-
A2.15.4.5. Remove and install (R&I) LRUs								-	-	-	-
A2.15.4.6. Isolate Malfunctions								-	-	-	-
A2.15.5. Data Transfer System											
A2.15.5.1. Purpose and Characteristics								B	B	-	-
A2.15.5.2. Theory of Operation								B	B	-	-
A2.15.5.3. System Tie-In/Integration								A	-	-	-
A2.15.5.4. Perform operational checks								-	-	-	-
A2.15.5.5. Remove and install (R&I) LRUs								-	-	-	-
A2.15.5.6. Isolate Malfunctions								-	-	-	-
A2.16. GENERAL NAVIGATION SYSTEMS											
A2.16.1. Principles											
A2.16.1.1. Earth Coordinate System								B	B	-	-
A2.16.1.2. Great Circle Navigation								B	B	-	-
A2.16.1.3. Navigate								2b	-	-	-
A2.16.2. Global Positioning System (GPS)											
A2.16.2.1. Purpose and Characteristics								B	B	-	-
A2.16.2.2. Theory of Operation								B	B	-	-
A2.16.2.3. System Tie-In/Integration								A	-	-	-
A2.16.2.4. Perform operational checks								2b	-	-	-
A2.16.2.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.2.6. Isolate Malfunctions								-	-	-	-
A2.16.3. Doppler											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.16.3.1. Purpose and Characteristics								A	-	-	-
A2.16.3.2. Theory of Operation								A	-	-	-
A2.16.3.3. System Tie-In/Integration								A	-	-	-
A2.16.3.4. Perform operational checks								-	-	-	-
A2.16.3.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.3.6. Isolate Malfunctions								-	-	-	-
A2.16.4. Inertial Navigation System (INS)											
A2.16.4.1. Purpose and Characteristics								B	B	-	-
A2.16.4.2. Theory of Operation								B	B	-	-
A2.16.4.3. System Tie-In/Integration								A	-	-	-
A2.16.4.4. Perform operational checks								2b	-	-	-
A2.16.4.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.4.6. Isolate Malfunctions								-	-	-	-
A2.16.5. Tactical Air Navigation (TACAN)											
A2.16.5.1. Purpose and Characteristics								B	B	-	-
A2.16.5.2. Theory of Operation								B	B	-	-
A2.16.5.3. System Tie-In/Integration								A	-	-	-
A2.16.5.4. Perform operational checks								2b	-	-	-
A2.16.5.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.5.6. Isolate Malfunctions								2b	-	-	-
A2.16.6. Instrument Landing System (ILS)											
A2.16.6.1. Purpose and Characteristics								B	B	-	-
A2.16.6.2. Theory of Operation								B	B	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.16.6.3. System Tie-In/Integration								-	-	-	-
A2.16.6.4. Perform operational checks								2b	-	-	-
A2.16.6.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.6.6. Isolate Malfunctions								2b	-	-	-
A2.16.7. VHF Omni directional Range (VOR)											
A2.16.7.1. Purpose and Characteristics								B	B	-	-
A2.16.7.2. Theory of Operation								B	B	-	-
A2.16.7.3. System Tie-In/Integration								-	-	-	-
A2.16.7.4. Perform operational checks								2b	-	-	-
A2.16.7.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.7.6. Isolate Malfunctions								2b	-	-	-
A2.16.8. Microwave Landing Systems (MLS)											
A2.16.8.1. Purpose and Characteristics								B	B	-	-
A2.16.8.2. Theory of Operation								B	B	-	-
A2.16.8.3. System Tie-In/Integration								-	-	-	-
A2.16.8.4. Perform operational checks								-	-	-	-
A2.16.8.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.8.6. Isolate Malfunctions								-	-	-	-
A2.16.9. Automatic Direction Finding System (ADF)											
A2.16.9.1. Purpose and Characteristics								A	-	-	-
A2.16.9.2. Theory of Operation								A	-	-	-
A2.16.9.3. System Tie-In/Integration								-	-	-	-
A2.16.9.4. Perform operational checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.16.9.5. Remove and install (R&I) LRUs								-	-	-	-
A2.16.9.6. Isolate Malfunctions								-	-	-	-
A2.16.10. Identify Friend or Foe (IFF)											
A2.16.10.1. Purpose and Characteristics								B	B	-	-
A2.16.10.2. Theory of Operation								B	B	-	-
A2.16.10.3. System Tie-In/Integration								A	-	-	-
A2.16.10.4. Perform operational checks								2b	-	-	-
A2.16.10.5. Isolate Malfunctions								2b	-	-	-
A2.16.10.6. Remove and install (R&I) LRUs								-	-	-	-
A2.16.11. Traffic Alert And Collision Avoidance System											
A2.16.11.1. Purpose and Characteristics								B	B	-	-
A2.16.11.2. Theory of Operation								B	B	-	-
A2.16.11.3. System Tie-In/Integration								-	-	-	-
A2.16.11.4. Perform operational checks								-	-	-	-
A2.16.11.5. Isolate Malfunctions								-	-	-	-
A2.16.11.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17. GENERAL COMMUNCIATION SYSTEMS											
A2.17.1. Principles											
A2.17.1.1. Transmitters								B	B	-	-
A2.17.1.2. Receivers								B	B	-	-
A2.17.1.3. Transponders								B	B	-	-
A2.17.1.4. Antennas								A	A	-	-
A2.17.1.5. Transmission Lines								B	B	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.17.2. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable aircraft technical orders											
A2.17.2.1. Purpose and Characteristics								B	B	-	-
A2.17.2.2. Theory of Operation								B	B	-	-
A2.17.2.3. Cryptographic Loading Devices TR: Applicable aircraft technical orders											
A2.17.2.3.1. Inspect								-	-	-	-
A2.17.2.3.2. Use								2b	-	-	-
A2.17.2.3.3. Load								2b	-	-	-
A2.17.3. Wideband Secure Voice (WBSV)											
A2.17.3.1. Purpose and Characteristics								B	B	-	-
A2.17.3.2. Theory of Operation								B	B	-	-
A2.17.3.3. System Tie-In/Integration								-	-	-	-
A2.17.3.4. Perform operational checks								2b	-	-	-
A2.17.3.5. Isolate Malfunctions								-	-	-	-
A2.17.3.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.4. Narrowband Secure Voice (NBSV)											
A2.17.4.1. Purpose and Characteristics								B	B	-	-
A2.17.4.2. Theory of Operation								B	B	-	-
A2.17.4.3. System Tie-In/Integration								-	-	-	-
A2.17.4.4. Perform operational checks								2b	-	-	-
A2.17.4.5. Isolate Malfunctions								-	-	-	-
A2.17.4.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.5. Multipurpose/Multimode Communications TR: Applicable aircraft technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.17.5.1. Purpose of Characteristics								B	B	-	-
A2.17.5.2. Theory of Operation								B	B	-	-
A2.17.5.3. System Tie-In/Integration								-	-	-	-
A2.17.5.4. Perform operational checks								2b	-	-	-
A2.17.5.5. Perform Have Quick operational check								-	-	-	-
A2.17.5.6. Isolate Malfunctions								-	-	-	-
A2.17.5.7. Remove and install (R&I) LRUs								-	-	-	-
A2.17.6. Emergency Communication Systems TR: Applicable aircraft technical orders											
A2.17.6.1. Underwater Acoustical Beacon (UAB)											
A2.17.6.1.1. Purpose and Characteristics								A	A	-	-
A2.17.6.1.2. Theory of Operation								A	A	-	-
A2.17.6.1.3. System Tie-In/Integration								-	-	-	-
A2.17.6.1.4. Perform operational checks								-	-	-	-
A2.17.6.1.5. Isolate Malfunctions								-	-	-	-
A2.17.6.1.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.6.2. Emergency Locator Transmitter											
A2.17.6.2.1. Purpose and Characteristics								A	-	-	-
A2.17.6.2.2. Theory of Operation								-	-	-	-
A2.17.6.2.3. System Tie-In/Integration								-	-	-	-
A2.17.6.2.4. Perform operational checks								-	-	-	-
A2.17.6.2.5. Isolate Malfunctions								-	-	-	-
A2.17.6.2.6. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.17.6.3. Cockpit Voice Recorder											
A2.17.6.3.1. Purpose and Characteristics								A	-	-	-
A2.17.6.3.2. Theory of Operation								-	-	-	-
A2.17.6.3.3. System Tie-In/Integration								-	-	-	-
A2.17.6.3.4. Perform operational checks								-	-	-	-
A2.17.6.3.5. Isolate Malfunctions								-	-	-	-
A2.17.6.3.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.7. Interphone Systems											
A2.17.7.1. Purpose and Characteristics								A	B	-	-
A2.17.7.2. Theory of Operation								A	B	-	-
A2.17.7.3. System Tie-In/Integration								A	-	-	-
A2.17.7.4. Perform operational checks								2b	-	-	-
A2.17.7.5. Isolate Malfunctions								-	-	-	-
A2.17.7.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.8. High Frequency System (HF)											
A2.17.8.1. Purpose and Characteristics								B	B	-	-
A2.17.8.2. Theory of Operation								B	B	-	-
A2.17.8.3. System Tie-In/Integration								-	-	-	-
A2.17.8.4. Perform operational checks								2b	-	-	-
A2.17.8.5. Isolate Malfunctions								2b	-	-	-
A2.17.8.6. Remove and install (R&I) LRUs								-	-	-	-
A2.17.9. Ultra High Frequency System (UHF)											
A2.17.9.1. Purpose and Characteristics								B	B	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.17.9.2. Theory of Operation								B	B	-	-
A2.17.9.3. System Tie-In/Integration								-	-	-	-
A2.17.9.4. Perform operational checks								2b	-	-	-
A2.17.9.5. Isolate Malfunctions								2b	-	-	-
A2.17.9.6. Remove and install (R&I) LRUs								2b	-	-	-
A2.17.10. Very High Frequency System (VHF)											
A2.17.10.1. Purpose and Characteristics								B	B	-	-
A2.17.10.2. Theory of Operation								B	B	-	-
A2.17.10.3. System Tie-In/Integration								-	-	-	-
A2.17.10.4. Perform operational checks								2b	-	-	-
A2.17.10.5. Isolate Malfunctions								-	-	-	-
A2.17.10.6. Remove and install (R&I) LRUs								-	-	-	-
A1.17.11. Demand Assigned Multiple Access (DAMA) SATCOM											
A1.17.11.1. Purpose and Characteristics								B	-	-	-
A1.17.11.2. Theory of Operation								B	-	-	-
A1.17.11.3. System Tie-In/Integration								-	-	-	-
A1.17.11.4. Perform operational checks								-	-	-	-
A1.17.11.5. Load DAMA modem PCMCIA card presets								-	-	-	-
A1.17.11.6. Isolate Malfunctions								-	-	-	-
A2.18. AERIAL DELIVERY FUNDAMENTALS											
A2.18.1. Principles								B	B	-	-
A2.18.2. Horizontal Delivery Problem								B	B	-	-
A2.18.3. Vertical Delivery Problem								B	B	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.19. PHOTOGRAPHIC/SENSOR SYSTEMS											
A2.19.1. Principles								B	-	-	-
A2.19.2. Airborne Video Tape Recorder (AVTR)											
A2.19.2.1. Purpose of Characteristics								B	B	-	-
A2.19.2.2. Theory of Operation								B	B	-	-
A2.19.2.3. System Tie-In/Integration								-	-	-	-
A2.19.2.4. Perform operational checks								-	-	-	-
A2.19.2.5. Remove and install (R&I) LRUs								-	-	-	-
A2.19.2.6. Isolate Malfunctions								-	-	-	-
A2.19.3. Low Light Level Television Systems (LLLTV)											
A2.19.3.1. Purpose of Characteristics								B	B	-	-
A2.19.3.2. Theory of Operation								B	B	-	-
A2.19.3.3. System Tie-In/Integration								-	-	-	-
A2.19.3.4. Perform operational checks								1a	-	-	-
A2.19.3.5. Remove and install (R&I) LRUs								-	-	-	-
A2.19.3.6. Isolate Malfunctions								-	-	-	-
A2.20. AIRCRAFT WIRING											
A2.20.1. Capton								A	-	-	-
A2.20.2. Multiconductor								A	-	-	-
A2.20.3. Coaxial								A	-	-	-
A2.20.4. Triaxial								-	-	-	-
A2.20.5. Nuclear hardened								A	-	-	-
A2.20.6. Twisted Pair								A	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.20.7. Single Conductor								A	-	-	-
A2.20.8. Foamflex								-	-	-	-
A2.20.9. Fiber Optics								-	-	-	-
A2.21. PERFORM WIRE MAINTENANCE											
A2.21.1. Stripping								2b	B	-	-
A2.21.2. Splicing								2b	B	-	-
A2.21.3. Bundling								2b	B	-	-
A2.21.4. Strain Relief								2b	B	-	-
A2.21.5. Continuity Checks								3c	-	-	-
A2.21.6. Wire Repair								-	B	-	-
A2.22. USE TEST EQUIPMENT/SPECIAL TOOLS											
A2.22.1. IFF Transponder Test Set								2b	B	-	-
A2.22.2. LAN Analyzer								-	-	-	-
A2.22.3. Radar Test Set								1a	B	-	-
A2.22.4. Radio Altimeter Test Set								-	-	-	-
A2.22.5. (TACAN) Test Set								-	B	-	-
A2.22.6. VOR/ILS Test Set	*							-	B	-	-
A2.22.7. Wattmeter	*							2b	B	-	-
A2.22.8. Power Meter								-	-	-	-
A2.22.9. Wire Maintenance Heat Tools								a	A	-	-
A2.22.10. Modulation/Deviation Meter								-	-	-	-
A2.22.11. Microwave Landing System Test Set								-	A	-	-
A2.22.12. TCAS Test Set								-	A	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A2.22.13. TTU-205 Test Set								-	-	-	-
A2.22.14. Laptop/Hand-Held Computers								-	-	-	-
A2.22.15. RF Transmission Line Test Set								-	A	-	-
A2.23. REMOVE AND INSTALL (R&I) COMMON ELECTRICAL COMPONENTS											
A2.23.1. Switches								-	-	-	-
A2.23.2. Relays								-	-	-	-
A2.23.3. Circuit breakers								-	-	-	-
A2.23.4. Terminal/modular blocks								-	-	-	-
A2.23.5. Capacitors/resistors/diodes								-	-	-	-
A2.23.6. Lights/light bulbs								-	-	-	-
A2.23.7. Fans/blowers								-	-	-	-
A2.23.8. Transformers								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 3 - B-1B Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attac to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartim NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using B-1 aircraft/systems. If B-1 aircraft/systems are unavailable, representative systems from oth may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A3.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A3.1.1. Aircraft Familiarization TR: 1B-1B-2-00GV-00-1 (CHAPTER 2), 1B-2A-00GV-00-1											
A3.1.1.2. Major systems								-	-	-	-
A3.1.1.3. Danger areas								-	-	-	-
A3.2. GENERAL MAINTENANCE TASKS TR: 1B-1B-2-05JG-10-1, -05JG-50-1, -05JG-80-1, 12JG-10-2, -12JG-30-1, -12JG -80-1, -49JG-00-2, -70JG-30-1											
A3.2.1. Flightline safety/precautions/security								-	-	-	-
A3.2.2. Inspect/use ground maintenance stands								-	-	-	-
A3.2.3. Dropped object prevention program (DOPP)								-	-	-	-
A3.2.4. Ensure aircraft safe for maintenance Task 05-21-01	*							-	-	-	-
A3.2.5. Apply external power Task 05-12-01	*							-	-	-	-
A3.2.6. Apply external air conditioning Task 05-12-02	*							-	-	-	-
A3.2.7. Open and close panel, engine cowlings, and radomes								-	-	-	-
A3.2.8. Debrief Aircrews								-	-	-	-
A3.2.9. Launch/Recover aircraft								-	-	-	-
A3.2.10. Perform aircraft marshaling procedures								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.2.11. Aircraft Wash TR: 1-1-1								-	-	-	-
A3.2.12. Fire Guard Task 49-00-02 / 1B-1B-2-70JG-30-1								-	-	-	-
A3.2.13. Jack Observer Task 05-81-01								-	-	-	-
A3.2.14. Jack Supervisor Task 05-81-01								-	-	-	-
A3.2.15. Wing/Tail-walking								-	-	-	-
A3.2.16. Brake operator								-	-	-	-
A3.2.17. Tow vehicle operator								-	-	-	-
A3.2.18. Tow Supervisor								-	-	-	-
A3.2.19. Weapons Bay Door Operation (Power On) Task: 05-53-01								-	-	-	-
A3.2.20. Weapons Bay Door Operation (Power Off) Task: 05-53-02								-	-	-	-
A3.2.21. Crew Ladder Gravity Extend Task: 05-11-01/05-11-04								-	-	-	-
A3.2.22. Crew Ladder Electrical Extend/Retract Task: 05-11-02/05-11-05								-	-	-	-
A3.2.23. Crew Ladder Manual Extend and Retract Task: 05-11-03/05-11-06								-	-	-	-
A3.2.24. Refuel Panel Operator Task 12-11-01								-	-	-	-
A3.2.25. Wheelwell Door Opening (Manual) Task: 05-52-01-3								-	-	-	-
A3.2.26. Central Aircraft Support System (CASS)								-	-	-	-
A3.2.27. Air Recirculation Coolant Loop Ground Cooling Task 21-82-01								-	-	-	-
A3.2.28. Operate Universal Maintenance Stand								-	-	-	-
A3.2.29. Operate Auxiliary Power Unit Task 49-00-02								-	-	-	-
A3.2.30. APU Servicing Task 12-32-02								-	-	-	-
A3.2.31. Integrated Drive Gearbox Servicing Task12-32-03								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.2.32. Accessory Drive Gearbox Servicing Task 12-32-04								-	-	-	-
A3.2.33. System Integration-Purpose and Interface TR: 1B-1B-2-40GS-XX								-	-	-	-
A3.2.34. Use Technical Orders								-	-	-	-
A3.2.35. Use wiring diagrams for fault isolation TR: 1B-1B-2-00WD-XX/XX, WD-00								-	-	-	-
A3.3. COMMUNICATION SYSTEM											
A3.3.1. Audio Integrating Subsystem											
A3.3.1.1. Theory of Operation TR: 1B-1B-2-23GS-00-1								-	-	-	-
A3.3.1.2. Perform operational check TR: 1B-2-23JG-50-1											
A3.3.1.2.1. Crew Intercom Task 23-51-01	*							-	-	-	-
A3.3.1.2.2. Station Unit operational check Task 23-51-02								-	-	-	-
A3.3.1.2.3. Fault isolate TR: 1B-2-23GS-00-1-23JG-50-1, -23WD-00-1								-	-	-	-
A3.3.1.3. Remove and install (R&I) TR: 1B-2-23JG-50-1, -23WD-00-1											
A3.3.1.3.1. Central Control Unit Task 23-51-10								-	-	-	-
A3.3.1.3.2. Crew Station Unit Task 23-51-11								-	-	-	-
A3.3.1.3.3. Maintenance station unit Task 23-52-10								-	-	-	-
A3.3.2. Aural Tone Generator System											
A3.3.2.1. Theory of Operation TR: 1B-2-31GS-00-1								-	-	-	-
A3.3.2.2. Perform GRT Task 40GRT-41-05								-	-	-	-
A3.3.2.3. Fault isolate TR: 1B-2-31GS-00-1, 1B-2-31JG-50-1								-	-	-	-
A3.3.2.4. Remove and install (R&I) Aural Tone Generator Task 34-50-10								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.3.3. HF AN/ARC-190 System											
A3.3.3.1. Theory of Operation TR: 1B-2-23GS-00-01								-	-	-	-
A3.3.3.2. HF Transformer Check Task 23-11-12-1								-	-	-	-
A3.3.3.3. Perform HF operational check Task 23-11-01	*							-	-	-	-
A3.3.3.4. Isolate and Repair TR: 1B-2-23GS-00-1, -23JG-10-1, -23WD-00-1								-	-	-	-
A3.3.3.5. Remove and install (R&I) TR: 1B-2-23JG-10-1											
A3.3.3.5.1. Radio Set Control Task 23-11-10								-	-	-	-
A3.3.3.5.2. Receiver/Transmitter Task 23-11-11								-	-	-	-
A3.3.3.5.3. HF Transformer Task 23-11-12								-	-	-	-
A3.3.3.5.4. Antenna Coupler Task 23-11-13								-	-	-	-
A3.3.3.5.5. Antenna Cone Task 23-11-15								-	-	-	-
A3.3.3.5.6. Antenna Adapter Task 23-11-14								-	-	-	-
A3.3.4. UHF/VHF											
A3.3.4.1. Theory of Operation TR: 1B-2-23GS-00-1								-	-	-	-
A3.3.4.2. Perform operational check TR: 1B-2-23JG-20-1											
A3.3.4.2.1. UHF 1 Check Task 23-21-01	*							-	-	-	-
A3.3.4.2.2. V/UHF Check Task 23-21-02								-	-	-	-
A3.3.4.2.3. Communication and Traffic Control (C&CT) Panel Task 23-21-10								-	-	-	-
A3.3.4.2.4. Secure Check Task 23-22-01								-	-	-	-
A3.3.4.2.5. AFSATCOM Transformer and HPA Transformer/Rectifier Task 23-21-12								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.3.4.2.6. Fault isolate TR: 1B-2-23GS-00-1,. -23JG-20-1, -23WD-00-1								-	-	-	-
A3.3.4.3. Remove and install (R&I)											
A3.3.4.3.1. C&TC panel Task 23-21-10								-	-	-	-
A3.3.4.3.2. Radio set control Task 23-21-11								-	-	-	-
A3.3.4.3.3. AFSATCOM transformer and HPA Transformer/Rectifier Task 23-21-12								-	-	-	-
A3.3.4.3.4. Receiver/transmitter Task 23-21-13								-	-	-	-
A3.3.4.3.5. Auto antenna selector Task 23-21-14								-	-	-	-
A3.3.4.3.6. Search power antenna relays #1 and #2 key relays 1 and 2 Task 23-21-15								-	-	-	-
A3.3.4.3.7. Antenna relays #1 and #2 and LOS/SATCOM relay Task 23-21-17								-	-	-	-
A3.3.4.3.8. Computer KY 58/KY100 Task 23-22-10								-	-	-	-
A3.3.4.3.9. Control Panel KY 100 Task 23-22-11								-	-	-	-
A3.3.4.3.10. HPA Task 23-21-16								-	-	-	-
A3.3.5. AN/ASC-19 AFSATCOM System											
A3.3.5.1. Theory of Operation TR: 1B-2-23GS-00-1								-	-	-	-
A3.3.5.2. Perform SATCOM operational check Task 23-23-01	*							-	-	-	-
A3.3.5.3. Isolate and Repair TR: 1B-2-23GS-00-1, -23JG-20-2, -23WD-00-01								-	-	-	-
A3.3.5.4. Remove and install (R&I) TR: 1B-2-34JG-20-2								-	-	-	-
A3.3.5.4.1. Control Power Supply Task 23-23-10								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.3.5.4.2. Telegraph Modem And Memory Unit Task 23-23-11/21								-	-	-	-
A3.3.5.4.3. Keyboard Control Task 23-23-13								-	-	-	-
A3.3.5.4.4. Teleprinter Task 23-23-12								-	-	-	-
A3.3.5.4.5. Control Indicator Task 23-23-13								-	-	-	-
A3.3.5.4.6. Transfer, Bypass Relays And Receiver Selection Relay Task 23-23-15								-	-	-	-
A3.3.5.4.7. LNA/DIPLEXED Task 23-23-16								-	-	-	-
A3.3.5.4.8. RF Load Task 23-23-19								-	-	-	-
A3.3.5.4.9. SATCOM Transformer Task 23-23-22								-	-	-	-
A3.3.5.4.10. SATCOM Antenna Task 23-23-20								-	-	-	-
A3.4. NAVIGATIONAL SYSTEMS											
A3.4.1. Inertial Navigation System (INS)											
A3.4.1.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.4.1.2. Perform Ground Readiness Test (GRT)/ operational check TR: 1B-2-40JG-34-1, -2, -34JG-40-1											
A3.4.1.2.1. 115 VAC Transformer Task 34-41-12-1								-	-	-	-
A3.4.1.2.2. 26 VAC Transformer Task 34-41-13-1								-	-	-	-
A3.4.1.2.3. Inertial Navigation System GRT Task 40GRT-34-40/41								-	-	-	-
A3.4.1.2.4. Perform Inertial Navigation Alignment TR: 1B-2-34JG-40-1								-	-	-	-
A3.4.1.2.5. Precision ground alignment Task 34-41-01-1								-	-	-	-
A3.4.1.2.6. Stored heading alignment Task 34-41-01-2								-	-	-	-
A3.4.1.2.7. GSS heading alignment Task 34-41-01-3								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.4.1.2.8. Inertial Navigation Coefficient/Fault Ball Reset Task 34-41-02								-	-	-	-
A3.4.1.2.9. Fault isolate TR: 1B-2-34GS-00-1, -34WD-00-1, -40JG-34-1, -2								-	-	-	-
A3.4.1.3. Remove and install (R&I) TR: 1B-2-34JG-40-1											
A3.4.1.3.1. INU Task 34-41-10								-	-	-	-
A3.4.1.3.2. 115 VAC Transformer Task 34-41-12								-	-	-	-
A3.4.1.3.3. 26 VAC Transformer Task 34-41-13								-	-	-	-
A3.4.2. Communication and Navigation Management System (CNMS) TR: 1B-2-34JG50-4											
A3.4.2.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.4.2.2. Perform operational checks TR: 1B-2-34JG-50-4								-	-	-	-
A3.4.2.3. GPS operational check Task 34-55-01								-	-	-	-
A3.4.2.4. 115 Transformer operational check Task 34-55-22-1								-	-	-	-
A3.4.2.5. Syncro Repeater Transformer operational check Task 34-55-23-1								-	-	-	-
A3.4.2.6. Fault isolate TR: 1B-2-34GS-00-1, -2, 34WD-00-1, 34JG-50-4								-	-	-	-
A3.4.2.7. Remove and install (R&I) TR: 1B-2-34JG-50-4											
A3.4.2.7.1. Miniaturized Airborne GPS Receiver Task 34-55-11								-	-	-	-
A3.4.2.7.2. Antenna Electronics Unit Task 34-55-15								-	-	-	-
A3.4.2.7.3. Antenna Task 34-55-14								-	-	-	-
A3.4.2.7.4. Control Display Unit Task 34-55-10								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.4.2.7.5. Data Transfer Unit Task 34-55-12								-	-	-	-
A3.4.2.7.6. Data Transfer Unit Cartridge (DTUC) Task 34-55-13								-	-	-	-
A3.4.2.7.7. Bus Signal Interface Unit (BSIU) Task 34-55-16								-	-	-	-
A3.4.2.7.8. Synchro Repeater Task 34-55-17								-	-	-	-
A3.4.2.7.9. Bus Switching Relay (BSR) Task 34-55-18								-	-	-	-
A3.4.2.7.10. CNMS Data Link Terminal (DLT) Task 34-55-19								-	-	-	-
A3.4.2.7.11. Relay Panel Assembly Task 34-55-20								-	-	-	-
A3.4.2.7.12. Relay Panel Assembly Repair Task 34-55-20-4								-	-	-	-
A3.4.2.7.13. Relay Bracket Assembly Task 34-55-21								-	-	-	-
A3.4.2.7.14. Relay Bracket Assembly Repair Task 34-55-21-4								-	-	-	-
A3.4.2.7.15. Miniaturized Airborne GPS Receiver (MAGR) Servicing Batteries Task 34-55-1-8								-	-	-	-
A3.4.2.7.16. 115 VAC Transformer Task 34-55-22								-	-	-	-
A3.4.2.7.17. Synchro Repeater 28 VDC Transformer Task 34-55-23								-	-	-	-
A3.4.3. AN/APX-101 Identify Friend or Foe (IFF)											
A3.4.3.1. Theory of Operation TR: 1B-2-34GS-1, -2								-	-	-	-
A3.4.3.2. Perform operational check TR: 1B-2-34JG-50-2											
A3.4.3.2.1. IFF operational check/Self Test/ Mode IV Computer Loading Task 34-53-01	*							-	-	-	-
A3.4.3.2.2. IFF operational check using AN/APN-424 Task 34-53-02	*							-	-	-	-
A3.4.3.2.3. IFF operational check Direct Hookup using the AN/APN-424 Task 34-53-03								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.4.3.2.4. Transformer operational check Task 34-53-11-1											
A3.4.3.2.4.1. Fault isolate TR: 1B-2-34GS-00-1; -34JG-50-2; -34WD-00-2								-	-	-	-
A3.4.3.3. Remove and install (R&I) TR: 1B-2-34JG-50-2											
A3.4.3.3.1. Transformer Task 34-53-11								-	-	-	-
A3.4.3.3.2. Transponder Task 34-53-12								-	-	-	-
A3.4.3.3.3. Control Panel Task 34-53-10								-	-	-	-
A3.4.3.3.4. KIT-1C secure computer Task 34-53-14								-	-	-	-
A3.4.3.3.5. VHF/UHF/IFF Antenna and UHF/IFF Antenna Task 34-53-15								-	-	-	-
A3.4.3.3.6. KIT-1C Secure Computer Select Relay Task 34-53-13								-	-	-	-
A3.4.4. AN/APX-105 Rendezvous Beacon											
A3.4.4.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.4.4.2. Perform operational check TR: 1B-2-34JG-50-3 Task 34-54-01	*							-	-	-	-
A3.4.4.3. Fault isolate TR: 1B-2-34GS-00-1,-2; -34JG-50-3; -34WD-00-1								-	-	-	-
A3.4.4.4. Remove and install (R&I) TR: 1B-2-34JG-50-3											
A3.4.4.4.1. Rendezvous beacon antenna Task 34-54-12								-	-	-	-
A3.4.4.4.2. Receiver/transmitter Task 34-54-11								-	-	-	-
A3.4.4.4.3. Control Panel Task 34-54-10								-	-	-	-
A3.4.5. AN/ARN-108 Instrument Landing System (ILS)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.4.5.1. Theory of Operation TR: 1B-2-34GS-00-1								-	-	-	-
A3.4.5.2. Perform operational checks TR: 1B-2-34JG-30-1											
A3.4.5.2.1. ILS operational check using AN/ARM-186 Task 34-31-01	*							-	-	-	-
A3.4.5.2.2. ILS operational check using AN/ARM-201 Task 34-31-02								-	-	-	-
A3.4.5.2.3. Marker Beacon Light Check/Repair Task 34-31-10								-	-	-	-
A3.4.5.2.4. Fault isolate TR: 1B-2-34GS-00-1; -34JG-30-1; -34WD-00-1								-	-	-	-
A3.4.5.3. Remove and install (R&I) TR: 1B-2-34JG-30-1											
A3.4.5.3.1. Receiver Task 34-31-14								-	-	-	-
A3.4.5.3.2. Marker Beacon Antenna Task 34-31-13								-	-	-	-
A3.4.5.3.3. Localizer/Glide Slope Antenna Task 34-31-12								-	-	-	-
A3.4.5.3.4. Control Panel Task 34-31-11								-	-	-	-
A3.4.6. AN/ARN-118 (TACAN)											
A3.4.6.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.4.6.2. Perform operational check TR: 1B-2-34JG-50-1											
A3.4.6.2.1. (TACAN) Self Test operational check Task 34-51-01	*							-	-	-	-
A3.4.6.2.2. (TACAN) operational check Task 34-51-02								-	-	-	-
A3.4.6.2.3. Adjust digital to analog converter Task 34-51-13-5								-	-	-	-
A3.4.6.2.4. Transformer operational check Task 34-51-11-1								-	-	-	-
A3.4.6.2.5. Fault isolate TR: 1B-2-34GS-00-1, -2; -34JG-50-1; -34WD-00-2								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.4.6.3. Remove and install (R&I) TR: 1B-2-34JG-50-1											
A3.4.6.3.1. Receiver/Transmitter Task 34-51-12								-	-	-	-
A3.4.6.3.2. Digital to Analog converter Task 34-51-13								-	-	-	-
A3.4.6.3.3. Control Panel Task 34-51-10								-	-	-	-
A3.4.6.3.4. UHF/(TACAN) Antenna and VHF/UHF/ (TACAN) Antenna Task 34-51-15								-	-	-	-
A3.4.6.3.5. Transformer Task 34-51-11								-	-	-	-
A3.4.6.3.6. Mount base Task 34-51-14								-	-	-	-
A3.4.7. Doppler Velocity Sensor											
A3.4.7.1. Theory of Operation TR: 1B-2-34 GS-00-1								-	-	-	-
A3.4.7.2. Doppler Data Antenna-Receiver Transmitter GRT Task 40 GRT-34-42								-	-	-	-
A3.4.7.3. Fault isolate TR: 1B-2-34GS-00-1, -34WD-00 -1, -40JG-34-1, -2								-	-	-	-
A3.4.7.4. Remove and install (R&I) TR: 1B-2-34JG-40-1											
A3.4.7.4.1. Doppler Data Antenna Receiver Transmitter (DDART) Task 34-42-10								-	-	-	-
A3.4.7.4.2. Replace desiccant Task 34-42-11								-	-	-	-
A3.5. RADAR SYSTEMS											
A3.5.1. Offensive Radar System (ORS)											
A3.5.1.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.5.1.2. TF/TA Theory of Operation TR: 1B-2-34GS-00-1, 2								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.5.1.3. Perform Ground Readiness Test (GRT) and operational checks TR: 1B-2-40JG-34-1, -2											
A3.5.1.3.1. Radar Set Channel GRT Task 40GRT-34-43/44	*							-	-	-	-
A3.5.1.3.2. Terrain Following Radar Control (GRT) Task 40GRT-34-45								-	-	-	-
A3.5.1.3.3. Radar Set Control GRT Task 40GRT-34-46								-	-	-	-
A3.5.1.3.4. Video recorder GRT Task 40GRT-34-47								-	-	-	-
A3.5.1.3.5. Perform radar operational check Task 34-43-02	*							-	-	-	-
A3.5.1.3.6. Perform waveguide pressurization leak check Task 34-43-01								-	-	-	-
A3.5.1.3.7. Radar Set Transformer operational check Task 34-43-20-1								-	-	-	-
A3.5.1.3.8. Fault isolate TR: 1B-2-34GS-00-1, -2, -34WD-00-1, -40JG-34-1								-	-	-	-
A3.5.1.3.9. Use FIA Page TR: 1B-2-34GS-00-1	*							-	-	-	-
A3.5.1.4. Remove and install (R&I) TR: 1B-2-34JG-40-2, -3, -4											
A3.5.1.4.1. Radar Target Indicator (RTI) Task 34-43-12								-	-	-	-
A3.5.1.4.2. Radar Transmitter (RT) Task 34-43-17								-	-	-	-
A3.5.1.4.3. Radar Receiver Transmitter (RRT) Task 34-43-16								-	-	-	-
A3.5.1.4.4. Radar Signal Processor (RSP) Task 34-43-15								-	-	-	-
A3.5.1.4.5. Radar Video Signal Processor (RVSP) Task 34-43-13								-	-	-	-
A3.5.1.4.6. Terrain Following Radar Control Task 34-43-10								-	-	-	-
A3.5.1.4.7. Wave Guide Switch Assembly Task 34-43-19								-	-	-	-
A3.5.1.4.8. Radar Set Transformer 1 & 2 Task 34-43-20								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.5.1.4.9. Radar Set Control (RSC) Task 34-43-11								-	-	-	-
A3.5.1.4.10. Antenna (LOA) Task 34-43-18								-	-	-	-
A3.5.1.4.11. LOA Repair and Inspect Task 34-43-18-4, -6								-	-	-	-
A3.5.1.4.12. Beam Steering Controller (BSC) Task 34-43-21								-	-	-	-
A3.5.1.4.13. Roll Resolver Power Supply (RRPS) Task 34-43-23								-	-	-	-
A3.5.1.4.14. Roll Electronics Assembly (REA) Task 34-43-24								-	-	-	-
A3.5.1.4.15. Phase Control Module (PCM) Power Supply Task: 34-43-22								-	-	-	-
A3.5.1.4.16. Beam Steering Control Power Supply Task 34-43-25								-	-	-	-
A3.5.1.4.17. Offensive Radar Dehydrator TR: 1B-2-21JG-70-1 Task 21-71-13								-	-	-	-
A3.5.1.4.18. Operate Antenna Lockout Box/Solenoid Tester TR: 1B-2-34GS-00-1								-	-	-	-
A3.5.2. Radar Altimeter (RA)											
A3.5.2.1. Theory of Operation TR: 1B-2-34GS-00-1, -2								-	-	-	-
A3.5.2.2. Perform Ground Readiness Test (GRT) operational checks TR: 1B-2-40JG-34-1, 34JG-10-3											
A3.5.2.2.1. Radar Altimeter GRT Task 40GRT-34-16								-	-	-	-
A3.5.2.2.2. Radar Altimeter Control Display GRT Task 40GRT-34-17								-	-	-	-
A3.5.2.2.3. Receiver/Transmitter Adjustment Task 34-16-13-5								-	-	-	-
A3.5.2.2.4. Fault isolate TR: 1B-2-34GS-00-1, -34WD -00-1, -40JG-34-1								-	-	-	-
A3.5.2.3. Remove and install (R&I) TR: 1B-2-34JG-10-3											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.5.2.3.1. Receiver/Transmitter Task 34-16-13								-	-	-	-
A3.5.2.3.2. Height Indicator Task 34-16-11								-	-	-	-
A3.5.2.3.3. Radar Altimeter Control Display Panel Task 34-16-10								-	-	-	-
A3.5.2.3.4. Transmit/Receive Antenna Task 34-16-12								-	-	-	-
A3.6. MISSION SYSTEMS											
A3.6.1. Avionics Control Unit Complex (ACUC)											
A3.6.1.1. Theory of Operation TR: 1B-2-34GS-00-1, -2, -94GS-00-1 and –2								-	-	-	-
A3.6.1.2. ACUC startup and loading Task 34-65-01	*							-	-	-	-
A3.6.1.3. Perform Ground Readiness Test (GRT)/ operational checks TR: 1B-2-40JG-34-1, -2, 34JG -60-2, 93JG -70-1											
A3.6.1.3.1. Avionics Control Unit Complex Redundant Power Feed GRT Task 40GRT-34-65								-	-	-	-
A3.6.1.3.2. Terrain-Following Avionics Control Computer/Signal Data Converter Task 40GRT-34-66/67								-	-	-	-
A3.6.1.3.3. Data Transfer Control Unit Task 40GRT-34-68								-	-	-	-
A3.6.1.3.4. ACU Transformer operational check Task 34-65-36-1/93-72-19-1								-	-	-	-
A3.6.1.3.5. Fault isolate TR: 1B-2-34GS-00-1, -34WD -00-1, -40JG-34-1, 94GS-00-1, -2								-	-	-	-
A3.6.1.4. Remove and install (R&I) TR: 1B-2-34JG-60-2, 93JG-70-1											
A3.6.1.4.1. Avionics Control Computer (ACC) and TFACU Task 34-65-10/93-72-10								-	-	-	-
A3.6.1.4.2. Signal Data Converter (SDC) Task 34-65-20								-	-	-	-
A3.6.1.4.3. Memory Storage Unit (MSU) Task 34-65-24								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.6.1.4.4. Data Transfer Control Task 34-65-26								-	-	-	-
A3.6.1.4.5. Data Transfer Mount Task 34-65-28								-	-	-	-
A3.6.1.4.6. Data Transfer Cartridge Task 34-65-32								-	-	-	-
A3.6.1.4.7. ACC Transformer 1-4 Task 34-65-36, 93-72-19								-	-	-	-
A3.7. CENTRAL INTEGRATED TEST SYSTEM (CITS)											
A3.7.1. Theory of Operation TR: 1B-2-46GS-00-1								-	-	-	-
A3.7.2. Use Parameter Monitor Codes for systems fault isolation TR: 46JG-00-1para. 1-93	*							-	-	-	-
A3.7.3. Use CITS data snapshots TR: 1B-2-40GS-00-1								-	-	-	-
A3.7.4. Use CITS Diagnostic Display System (CDDS) TR: 33D7-3-380-1								-	-	-	-
A3.7.5. CITS EMUX Maintenance Unit (CEMU) TR: 33D7-75-35-1											
A3.7.5.1. Purpose and Interface								-	-	-	-
A3.7.5.2. Use aircraft monitor modes								-	-	-	-
A3.7.5.3. Use aircraft STIM Codes								-	-	-	-
A3.8. CONTROLS AND DISPLAYS SYSTEMS											
A3.8.1. Theory of Operation TR: 1B-2-34GS-00-1,-2, -94GS-00-1, -2, 93GS-00-1								-	-	-	-
A3.8.2. Perform Ground Readiness Test (GRT) operational check TR: 1B-2-40JG-34-1, -2, 4JG-20-3											
A3.8.2.1. Perform Vertical Situation Display Indicator operational check TR: 34-28-11-1								-	-	-	-
A3.8.2.2. Digital Computer/Multifunction Display Indicator GRT Task 40GRT-34-60								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.8.2.3. Offensive System Operator Integrated Keyboard Control GRT Task 40GRT-34-61								-	-	-	-
A3.8.2.4. Offensive System Operator Tracking Handle GRT Task 40GRT-34-62								-	-	-	-
A3.8.2.5. Nav/Auxiliary Control Panel GRT Task 40GRT-34-63								-	-	-	-
A3.8.2.6. Bomb-Nav Control Panel GRT Task 40GRT-34-64								-	-	-	-
A3.8.2.7. Flight Instrument Interface GRT Task 40GRT-34-69								-	-	-	-
A3.8.2.8. Fault isolate Controls and Displays TR: 1B-2-34GS-00-1,-34WD-00-1, -40JG-34-1, -34JG-20-3								-	-	-	-
A3.8.3. Remove and install (R&I) TR: 1B-2-34JG-60-1, -2; 93JG-70-2, -34JG-20-3											
A3.8.3.1. Controls and Display Power Supply Task 93-74-10								-	-	-	-
A3.8.3.2. Multifunction Display Indicator (MDI) Task 34-69-10								-	-	-	-
A3.8.3.3. Digital Computer (DC) Task 34-62-10								-	-	-	-
A3.8.3.4. Vertical Situation Display Indicator Tasks 34-28-11, 34-29-11								-	-	-	-
A3.8.3.5. Vertical Situation Display Indicator Display Electronic Unit Tasks 34-28-10, 34-29-10								-	-	-	-
A3.8.3.6. Bomb Nav Control Panel Task 34-64-10								-	-	-	-
A3.8.3.7. NAV/AUX Control Panel Task 34-63-10								-	-	-	-
A3.8.3.8. Keyer Control (KC) Task 34-62-11								-	-	-	-
A3.8.3.9. Tracking Handle Task 34-62-12								-	-	-	-
A3.9. POWER CONTROL ASSEMBLIES (PCA)											
A3.9.1. Theory of Operation TR: 1B-2-24GS-00-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.9.2. Perform PCA operational checks TR: 1B-2-24JG-50-1, -2, -3, -4, -5											
A3.9.2.1. 2451A01 Task 24-51-11								-	-	-	-
A3.9.2.2. 2451A02 Task 24-51-11								-	-	-	-
A3.9.2.3. 2451A03 Task 24-51-11								-	-	-	-
A3.9.2.4. 2451A04 Task 24-51-11								-	-	-	-
A3.9.2.5. 2451A07 Task 24-51-17								-	-	-	-
A3.9.2.6. 2452A01 Task 24-52-10								-	-	-	-
A3.9.2.7. 2452A03 Task 24-52-11								-	-	-	-
A3.9.2.8. 2452A04 Task 24-52-11								-	-	-	-
A3.9.2.9. 2452A06/2432B01 Task 24-52-13								-	-	-	-
A3.9.2.10. 2453A01 Task 24-53-10								-	-	-	-
A3.9.2.11. 2453A02 Task 24-53-11								-	-	-	-
A3.9.2.12. 2453A03 Task 24-53-11								-	-	-	-
A3.9.2.13. 2453A04 Task 24-53-11								-	-	-	-
A3.9.2.14. 2453A05 Task 24-53-11								-	-	-	-
A3.9.2.15. 2453A06 Task 24-53-15								-	-	-	-
A3.9.2.16. 2453A07 Task 24-53-18								-	-	-	-
A3.9.2.17. 2454A01 Task 24-54-10								-	-	-	-
A3.9.2.18. 2454A03 Task 24-54-10								-	-	-	-
A3.9.2.19. 2454A04 Task 24-54-10								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.9.2.20. 2454A05 Task 24-54-13								-	-	-	-
A3.9.2.21. 2454A06/2451B07 Task 24-54-10								-	-	-	-
A3.9.2.22. 2455A01 Task 24-55-10								-	-	-	-
A3.9.2.23. 2455A04 Task 24-55-10								-	-	-	-
A3.9.2.24. 2455A05 Task 24-55-10								-	-	-	-
A3.9.2.25. 2455A06/2451B06 Task 24-55-15								-	-	-	-
A3.9.3. Fault isolate PCAs TR: 1B-2-24GS-00-1, -24WD-00-1								-	-	-	-
A3.9.4. Remove and install (R&I) TR: 1B-2-24JG-50-1, -2, -3, -4, -5											
A3.9.4.1. Drawer type PCAs Task 24-51-11								-	-	-	-
A3.9.4.2. Wheel well type PCAs Task 24-52-13, 24-53-15, 24-54-13, 24-55-15								-	-	-	-
A3.9.4.3. SDMA Task 24-51-11, 24-52-13	*							-	-	-	-
A3.9.4.4. Relays Task 24-51-11, 24-52-13								-	-	-	-
A3.9.4.5. Bridge rectifiers Task 24-51-11, 24-52-13	*							-	-	-	-
A3.9.4.6. Current sensing transformer Task 24-51-11, 24-52-13								-	-	-	-
A3.9.4.7. Circuit breakers Task 24-51-11, 24-42-13								-	-	-	-
A3.9.5. PCA Repair TR: 1B-24JG-50-1, -2								-	-	-	-
A3.10. ELECTRICAL MULTIPLEXING SYSTEM (EMUX)											
A3.10.1. Theory of Operation TR: 1B-2-92GS-00-1								-	-	-	-
A3.10.2. Perform Ground Readiness Test (GRT) TR: 1B-2-40JG-92-1 Task 40GRT-92-05								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A3.10.3. Fault isolate TR: 1B-2-40JG-92-1, -92GS-00-1, -92WD-00-1								-	-	-	-
A3.10.4. Remove and install (R&I) TR: 1B-2-92JG-10-1, 20-1, 30-1											
A3.10.4.1. EMUX controller terminal Task 92-21-10								-	-	-	-
A3.10.4.2. CITS interface terminal Task 92-21-11								-	-	-	-
A3.10.4.3. Digital Remote Terminal (DRT) Task 92-21-12								-	-	-	-
A3.10.4.4. EMUX panel Task 92-31-10								-	-	-	-
A3.10.4.5. Data link terminal Task 92-11-10/92-12-10								-	-	-	-
A3.11. PHOTOGRAPHIC VIDEO RECORD											
A3.11.1. Theory of operation								-	-	-	-
A3.11.2. Perform operational check											
A3.11.2.1. Video Recorder Task 34-44-10								-	-	-	-
A3.11.3. Remove and install (R&I)											
A3.11.3.1. VR Film Magazine Task 34-44-10-001								-	-	-	-
A3.11.3.2. Load and unload Film Magazine Task 34-44-10-001-4								-	-	-	-
A3.11.4. Isolate malfunctions								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 4 - B-2 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using B-2 aircraft/systems. If B-2 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A4.1. GENERAL ORGANIZATIONAL MAINTENANCE TR: Applicable -1 and –2 series											
A4.1.1. Aircraft Familiarization TR: 1B-2A-2-00GV-00-1											
A4.1.1.1. Major structure areas								-	-	-	-
A4.1.1.2. Major systems								-	-	-	-
A4.1.1.3. Aircraft egress systems								-	-	-	-
A4.1.1.4. Low Observable Fundamentals								-	-	-	-
A4.1.2. Aircraft Systems Integration											
A4.1.2.1. Purpose and Interface TR: 1B-2A-2-40GS-00-1								-	-	-	-
A4.1.3. Use wiring diagrams for fault isolation TR: 1B-2A-00WD-XX, XXWD-00								-	-	-	-
A4.2. GENERAL MAINTENANCE TASKS											
A4.2.1. Technical order familiarization								-	-	-	-
A4.2.2. Flightline safety/precautions/security								-	-	-	-
A4.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A4.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A4.2.5. Inspect/use ground maintenance stands								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A4.2.7. Defensive systems (DS) familiarization (on applicable aircraft)								-	-	-	-
A4.2.8. Statically ground aircraft								-	-	-	-
A4.2.9. Apply/disconnect external electrical power unit								-	-	-	-
A4.2.10. Perform aircraft wash								-	-	-	-
A4.2.11. Jack aircraft											
A4.2.11.1. Jacking Team Supervisor								-	-	-	-
A4.2.11.2. Jacking Team Member								-	-	-	-
A4.2.12. Perform refuel/defuel team member duties								-	-	-	-
A4.2.13. Open and close engine cowling								-	-	-	-
A4.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A4.2.15. Use aircraft interphone system								-	-	-	-
A4.2.16. Perform aircraft marshaling procedures								-	-	-	-
A4.2.17. Tow aircraft								-	-	-	-
A4.2.18. Perform wing/tail walker duties								-	-	-	-
A4.2.19. Brake Operator								-	-	-	-
A4.2.20. Ensure aircraft safe for maintenance TR: 1B-2A-2-05JG-20-1 Task 05-21-01	*							-	-	-	-
A4.2.21. Apply external power TR: 1B-2A-2-05JG-10-1 Task 05-12-01	*							-	-	-	-
A4.2.22. Apply external air conditioning TR: 1B-2A-2-05JG-10-2 Task 05-12-03; Task 05-12-23	*							-	-	-	-
A4.2.23. Perform System Classified Data Erase TR: 1B-2A-2-40JG-00-1 Task 40-00-01-01	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.2.24. Operate AFT Avionics Bay Doors TR: 1B-2A-2-01JG-60-2 Task 01-61-09								-	-	-	-
A4.2.25. Operate Weapons Bay Doors TR: 1B-2A-2-01JG-60-1 Task 01-61-03								-	-	-	-
A4.2.26. Open/Close Engine AMAD Bay Doors TR: 1B-2A-2-01JG-60-1 Task 01-61-07								-	-	-	-
A4.2.27. Open/Close ECS Bay Doors TR: 1B-2A-2-01JG-60-2 Task 01-61-11								-	-	-	-
A4.2.28. Open/Close Hydraulic Access Doors TR: 1B-2A-2-01JG-60-2 Task 01-61-11								-	-	-	-
A4.2.29. Perform ECS Power-up TR: 1B-2A-2-21JG-00-1 Task 21-00 -05	*							-	-	-	-
A4.2.30. Central Aircraft Support System (CASS)											
A4.2.30.1. CASS Electrical Power								-	-	-	-
A4.2.30.2. CASS Air								-	-	-	-
A4.2.31. Dock Procedures											
A4.2.31.1. Aqueous Film Forming Foam Suppression System operation								-	-	-	-
A4.2.31.2. Fall Arrestor System								-	-	-	-
A4.2.31.3. Remove and install (R&I) Relay Panel Assemblies TR: 1B-2A-2-39JG-40-1, 38JG-40-2								-	-	-	-
A4.3. COMMUNICATION SYSTEMS											
A4.3.1. Intercommunication System (ICS) (AN/AIC-35)											
A4.3.1.1. Theory of Operation TR: 1B-2A-2-23GS-00-1								-	-	-	-
A4.3.1.2. Perform operational check TR: 1B-2A-2-23JG-40-1, -40JG-10-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.3.1.2.1. Crew Intercom Task 23-40-01, 40-10-23-3								-	-	-	-
A4.3.1.2.2. Maintenance Station Intercom Unit Task 23-40-03	*							-	-	-	-
A4.3.1.3. Fault isolate TR: 1B-2A-2-23GS-00-1; -23WD-00-1		*						-	-	-	-
A4.3.1.4. Remove and install (R&I) TR: 1B-2A-2-23JG-40-1											
A4.3.1.4.1. Audio Control Panel Task 23-41-103-2, -3								-	-	-	-
A4.3.1.4.2. Audio Central Distribution Unit Task 23-41-101-2, -3	*							-	-	-	-
A4.3.2. HF System (AN/ARC-211)											
A4.3.2.1. Theory of Operation TR: 1B-2A-2-23GS-00-1								-	-	-	-
A4.3.2.2. Perform operational check TR: 1B-2A-2-23JG-00-1, -40JG-10-1 Tasks 23-10-01; -40-10-23-02	*							-	-	-	-
A4.3.2.3. Fault isolate TR: 1B-2A-2-23GS-00-1, -23WD-00-1		*						-	-	-	-
A4.3.2.4. Remove and install (R&I) TR: 1B-2A-2-23JG-10-1											
A4.3.2.4.1. HF Receiver/Transmitter Task 23-11-101-2, -3								-	-	-	-
A4.3.2.4.2. HF Antenna Task 23-11-109-2, -3								-	-	-	-
A4.3.2.4.3. Antenna coupler Task 23-11-105-2, -30	*							-	-	-	-
A4.3.2.4.4. Advanced Narrow-Band Digital Voice Terminal (ANDVT) Task 23-11-103-2, -3		*						-	-	-	-
A4.3.2.4.5. KYV-5 Remote Control Unit Task 23-11-107-2, -3								-	-	-	-
A4.3.3. AN/ARC-215 UHF/VHF System											
A4.3.3.1. Theory of Operation TR: 1B-2A-2-23GS-00-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.3.3.2. Perform operational check TR: 1B-2A-2-23JG-20-1; -40JG-10-1 Task 23-20-01; 40-10-23-01, 23-22-107-1	*							-	-	-	-
A4.3.3.3. Fault isolate TR: 1B-2A-2-23GS-00-1, -23WD-00-1		*						-	-	-	-
A4.3.3.4. Remove and install (R&I)											
A4.3.3.4.1. UHF/VHF Receiver/Transmitter Task 23-21-101-2, -3								-	-	-	-
A4.3.3.4.2. UHF/VHF/X Band Deployable Antenna Task 23-22-109-2, -3		*						-	-	-	-
A4.3.3.4.3. UHF/VHF/X Band Antenna Actuator Task 23-22-107-2, -3		*						-	-	-	-
A4.3.3.4.4. UHF/VHF/X Band Deployable Antenna Mechanism Task 23-22-11-2, -3								-	-	-	-
A4.3.3.4.5. UHF/VHF/X Band Deployable Antenna Proximity Sensor Task 23-22-113-2, -3								-	-	-	-
A4.3.3.5. Adjustment UHF/VHF/X Band Deployable Antenna TR: 1B-2A-2-23JG-20-2 Task 23-22-109-5								-	-	-	-
A4.3.3.6. UHF Upper/Lower antenna Tasks 23-21-103-2, -3; 23-21-105-2, -3								-	-	-	-
A4.3.4.7. KY-58 Computer Task 23-21-111-2, -3											
A4.3.4.7.1. KY-58 Batteries	*							-	-	-	-
A4.3.4.8. CYZ-10 Common Fill Device TR: AFKAO-10A	*							-	-	-	-
A4.3.5. Airborne Integrated Terminal Group (ARC-234)											
A4.3.5.1. Theory of Operation TR: TBD								-	-	-	-
A4.3.5.2. Perform operational check TR: TBD								-	-	-	-
A4.3.5.3. Fault isolate TR: TBD								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.3.6. SATCOM System (AN/ASC-36)											
A4.3.6.1. Theory of Operation TR: 1B-2A-2-23GS-00-1								-	-	-	-
A4.3.6.2. Perform operational check TR: 1B-2A-2-23JG-20-1, -40JG-10-1 Tasks 23-20-01,-40-10-23-04	*							-	-	-	-
A4.3.6.3. Fault isolate TR: 1B-2A-2-23GS-00-1, -23WD-00-1		*						-	-	-	-
A4.3.6.4. Remove and install (R&I) TR: 1B-2A-2-23JG-20-1											
A4.3.6.4.1. UHF SATCOM Receiver/Transmitter/Modem Task 23-21-101-2, -3	*							-	-	-	-
A4.3.6.4.2. Preamplifier/switch Task 23-23-105-2, -3								-	-	-	-
A4.3.6.4.3. RF Load Task 23-23-107-2, -3								-	-	-	-
A4.3.6.4.4. Antenna Task 23-23-105-2, -3								-	-	-	-
A4.4. NAVIGATIONAL SYSTEMS											
A4.4.1. Identification, Friend or Foe (IFF) (AN/APX-110)											
A4.4.1.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.1.2. Key KIV-2 Secure Computer TR: 1B-2A-2-34JG-50-2 Tasks 34-54-01; 40-10-34-03	*							-	-	-	-
A4.4.1.3. Perform operational check TR: 1B-2A-2-34JG-50-1; -40JG-10-1 Tasks 34-51-01; 40-10-34-01	*							-	-	-	-
A4.4.1.4. Fault isolate TR: 1B-2A-2-34GS-00-1; -34WD-00-1		*						-	-	-	-
A4.4.1.5. Remove and install (R&I)											
A4.4.1.5.1. Transponder Task 34-51-101-2, -3	*							-	-	-	-
A4.4.1.5.2. KIV-2 Secure computer Task 34-51-101-2, -3	*							-	-	-	-
A4.4.1.5.3. Upper antenna Task 34-51-103-2, -3								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.4.1.5.4. Lower antenna Task 34-51-105-2, -3								-	-	-	-
A4.4.2. X Band Beacon											
A4.4.2.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.2.2. Perform operational check TR: 1B-2A-2-34JG-50-1; -40JG-10- Tasks 34-54-01, -40-10-34-03	*							-	-	-	-
A4.4.2.3. Fault isolate TR: 1B-2A-2-34GS-00-1; -34WD -00-1		*						-	-	-	-
A4.4.2.4. Remove and install (R&I) Transponder TR: 1B-2A-2-34JG-50-1 Task 34-54-10-2, -3								-	-	-	-
A4.4.3. Ku-Band Transponder											
A4.4.3.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.3.2. Perform operational check TR: 1B-2A-2-34JG-50-1; -40JG-10-1 Tasks 34-50-01; 40-10-34-04	*							-	-	-	-
A4.4.3.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1		*						-	-	-	-
A4.4.3.4. Remove and install (R&I) TR: 1B-2A-2-34JG-50-1											
A4.4.3.4.1. Upper Transponder #1 Task 34-53-101-2, -3								-	-	-	-
A4.4.3.4.2. Lower Transponder #2 Task 34-53-101-2, -3								-	-	-	-
A4.4.3.4.3. Upper Antenna #1 Task 34-53-10-2, -3								-	-	-	-
A4.4.3.4.4. Navigation Power Supply Task 34-41-107								-	-	-	-
A4.4.3.4.5. Airborne Time Transfer Unit (ATTU) Task 34-41-105	*							-	-	-	-
A4.4.4. Instrument Landing System (ILS) (AN/ARN-147)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.4.4.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.4.2. Perform operational check TR: 1B-2A-2-34JG-30-1	*							-	-	-	-
A4.4.4.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1		*						-	-	-	-
A4.4.4.4. Remove and install (R&I) TR: 1B-2A-2-34JG-30-1											
A4.4.4.4.1. Receiver Task 34-31-101-2, -3	*							-	-	-	-
A4.4.4.4.2. Localizer/Glide slope antenna Task 34-31-103-2, -3								-	-	-	-
A4.4.4.4.3. Marker/Beacon antenna Task 34-31-105-2, -3								-	-	-	-
A4.4.4.4.4. Antenna splitters Task 34-31-107-2, -3								-	-	-	-
A4.4.4.4.5. Localizer/Glide slope antenna Task 34-31-103-2, -3								-	-	-	-
A4.4.4.4.6. Marker Beacon antenna Task 34-31-105-2, -3								-	-	-	-
A4.4.4.4.7. Antenna splitters Task 34-31-107-2, -3								-	-	-	-
A4.4.5. (TACAN) (AN/ARN-500)											
A4.4.5.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.5.2. Perform operational check TR: 1B-2A-2-23JG-50-1, -40JG-10-1 Tasks 34-52-01; -40-10-34-02	*							-	-	-	-
A4.4.5.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1		*						-	-	-	-
A4.4.5.4. Remove and install (R&I) TR: 1B-2A-2-34JG-50-1											
A4.4.5.4.1. Receiver/Transmitter Task 34-52-101-2, -3	*							-	-	-	-
A4.4.5.4.2. Antenna Task 34-52-103-2, -3								-	-	-	-
A4.4.6. Inertial Navigation System (INS)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.4.6.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.6.2. Perform operational check TR: 1B-2A-2-34JG-40-1											
A4.4.6.2.1. Inertial Ground Alignment Task 34-42-01-1	*							-	-	-	-
A4.4.6.2.2. Coupled Ground Check Task 34-42-01-2								-	-	-	-
A4.4.6.2.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1		*						-	-	-	-
A4.4.6.3. Remove and install (R&I) TR: 1B-2A-2-34JG-40-1											
A4.4.6.3.1. Inertial Measurement Unit (IMU) Task 34-42-103	*							-	-	-	-
A4.4.6.3.2. Inertial Navigation Processor Task 34-42-101								-	-	-	-
A4.4.6.4. Processor Reload/CDE TR: 1B-2A-2-40JG-00-1											
A4.4.6.4.1. Inertial Processor Selective Reload Task 40-00-02-09	*							-	-	-	-
A4.4.6.4.2. Inertial Processor CDE Task 40-00-01-08	*							-	-	-	-
A4.4.7. Astro-Inertial Navigation System (AINS)											
A4.4.7.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.7.2. Perform operational check TR: 1B-2A-2-34JG-40-1											
A4.4.7.2.1. AINS Ground Alignment Task 34-41-01-1	*							-	-	-	-
A4.4.7.2.2. AINS Stellar Check Task 34-41-01-1								-	-	-	-
A4.4.7.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1		*						-	-	-	-
A4.4.7.4. Remove and install (R&I) TR: 1B-2A-2-34JG-40-1											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.4.7.4.1. Astro-Inertial Instrument (AI) Task 34-41-101								-	-	-	-
A4.4.7.4.2. Electronics Control Unit (ECU) Task 34-41-109								-	-	-	-
A4.4.7.4.3. Navigation Processor Task 34-41-103								-	-	-	-
A4.4.7.4.4. Navigation Power Supply Task 34-41-107								-	-	-	-
A4.4.7.4.5. Airborne Time Transfer Unit (ATTU) Task 34-41-105	*							-	-	-	-
A4.4.7.5. Processor Reload/CDE TR: 1B-2A-2-40JG-00-1											
A4.4.7.5.1. AINS Processor Reload Task 40-00-02-08	*							-	-	-	-
A4.4.7.5.2. AINS CDE Task 40-00-01-07								-	-	-	-
A4.4.7.6. Clean and Inspect AINS Window TR: 1B-2A-2-12JG-40-1 Task 12-41-05								-	-	-	-
A4.4.8. Global Positioning System (GPS)											
A4.4.8.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.4.8.2. Perform GPS operational check TR: 1B-2A-2-34JG-60-1 Task 34-61-01								-	-	-	-
A4.4.8.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1								-	-	-	-
A4.4.8.4. Remove and install (R&I) TR: 1B-2A-2-34JG-60-1											
A4.4.8.4.1. GPS Receiver Task 34-61-101								-	-	-	-
A4.4.8.4.2. GPS Receiver Battery Task 34-61-101-001	*							-	-	-	-
A4.4.8.4.3. GPS Antenna Task 34-61-103								-	-	-	-
A4.4.8.4.4. GPS Fill Panel Task 34-61-105								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.5. RADAR SYSTEMS											
A4.5.1. Radar System General											
A4.5.1.1. Theory of Operation TR: 1B-2A-2-99GS-00-1								-	-	-	-
A4.5.1.2. Perform operational check TR: 1B-2A-2-40JG-10-1, -99WD-00-1											
A4.5.1.2.1. Radar Selective GRT Task 40-10-99-01	*							-	-	-	-
A4.5.1.2.2. Radar Ground Radiate Test Task 99-70-04	*							-	-	-	-
A4.5.1.3. Fault isolate TR: 1B-2A-2-99GS-00-1, -99WD-00-1		*						-	-	-	-
A4.5.1.4. Remove and install (R&I) TR: 1B-2A-2-99JG-70-1											
A4.5.1.4.1. Radar Data Processor (RDP) Tasks 99-71-111, 99-72-111								-	-	-	-
A4.5.1.4.2. Radar Signal Processor (RSP) Tasks 99-71-113, 99-72-113								-	-	-	-
A4.5.1.4.3. Radar Transmitter (R/T) Tasks 99-71-107, 99-72-107								-	-	-	-
A4.5.1.4.4. Receiver/Exciter (R/E) Tasks 99-71-109, 99-72-109	*							-	-	-	-
A4.5.1.4.5. Antenna Task 99-73-101-2, -3								-	-	-	-
A4.5.1.4.6. Motion Sensor Set (MSS) Task 99-74-101								-	-	-	-
A4.5.1.4.7. Antenna Line Replaceable Modules (LRM) TR: 1B-2A-2-99JG-70-1											
A4.5.1.4.7.1. Built-In-Test (BIT) Module (A25) Task 99-73-101-003								-	-	-	-
A4.5.1.4.7.2. Beam Steering Controller (BSC) Power Converter Module (A28) Task 99-73-101-005								-	-	-	-
A4.5.1.4.7.3. Antenna Solenoid Driver Power Supply Module (A29) Task 99-73-101-005								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.5.1.4.7.4. Antenna Rotary Driver Module (A1) Task 99-73-101-001								-	-	-	-
A4.5.1.4.7.5. Antenna Electro-Magnetic (EM) Driver Module (A3) Task 99-73-101-001								-	-	-	-
A4.5.1.4.7.6. Antenna Electro-Magnetic (EM) Timing and Control Module (A23) Task 99-73-101-001								-	-	-	-
A4.5.1.4.7.7. Phase Generator Module (A24) Task 99-73-101-001								-	-	-	-
A4.5.1.4.7.8. Linear Regulator Module (A21) Task 99-73-101-001								-	-	-	-
A4.5.1.4.7.9. Microprocessor/1553 Module (A22) Task 99-73-101-001								-	-	-	-
A4.5.1.4.8. Waveguide Sections TR: 1B-2A-2-99GS-00-1, (Chapter 2)								-	-	-	-
A4.5.1.4.9. Waveguide Switch Task 99-73-103								-	-	-	-
A4.5.1.4.10. 10 Micron Waveguide Desiccator/Filter TR: 1B-2A-99JG-70	*							-	-	-	-
A4.5.1.5. Inspect and Service Waveguide											
A4.5.1.5.1. Desiccant Task 99-70-03	*							-	-	-	-
A4.5.1.5.2. Waveguide Leak Check Task 99-70-03	*							-	-	-	-
A4.5.1.6. Perform Radar Calibration TR: 1B-2A-2-99JG-70-1 Task 99-70-02	*							-	-	-	-
A4.5.1.7. Perform Radar Data Processor OFP Reload TR: 1B-2A-2-99JG-70-1 Task 90-70-06		*						-	-	-	-
A4.5.2. Radar Altimeter (RALT)											
A4.5.2.1. Theory of Operation TR: 1B-2A-2-34GS-00-1								-	-	-	-
A4.5.2.2. Perform operational check TR: 1B-21-2-34JG-10-1, -40JG-10-1											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.5.2.2.1. Radar Altimeter operational check Task 34-10-01								-	-	-	-
A4.5.2.2.2. Radar Altimeter GRT Task 40-10-34-05								-	-	-	-
A4.5.2.3. Fault isolate TR: 1B-2A-2-34GS-00-1, -34WD-00-1								-	-	-	-
A4.5.2.4. Remove and install (R&I) TR: 1B-2A-2-34JG-10-1											
A4.5.2.4.1. Receiver/Transmitter (RT) Tasks 34-11-101, 34-12-101								-	-	-	-
A4.5.2.4.2. Antenna Tasks 34-11-105, 34-12-105								-	-	-	-
A4.5.2.4.3. RF Coupler Tasks 34-11-103, 34-12-103								-	-	-	-
A4.6. MISSION SYSTEMS											
A4.6.1. OBTS Ground Processor (OGP II)											
A4.6.1.1. Login/Logout OGPII TR: Software Users Manual								-	-	-	-
A4.6.1.2. Produce/Recreate Debrief Reports TR: 31S5-4-2340-1								-	-	-	-
A4.6.1.3. Run Predefined Text and Graphics Reports TR: 31S5-4-2340-1								-	-	-	-
A4.6.1.4. Produce Ad-Hoc Reports TR: 31S5-4-2340-1								-	-	-	-
A4.6.2. Onboard Test System (OBTS)											
A4.6.2.1. Theory of Operation TR: 1B-2A-2-31GS-00-1,-40GS-00-1								-	-	-	-
A4.6.2.2. Use OBTS Data and OBTS Digital Computer System (ODCS) Reports for fault isolation of Aircraft Systems Malfunctions TR: 1B-2A-2-40GS-00-1 and applicable system GS-00-1								-	-	-	-
A4.6.2.3. Interface with Comm/Nav systems TR: 1B-2A-2-23GS-00-1; -34GS-00-1								-	-	-	-
A4.6.3. Multiplex Bus System											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.6.3.1. Theory of Operation TR: 1B-2A-40GS-00-1, and applicable system GS-00-1								-	-	-	-
A4.6.3.2. Fault isolate TR: 1B-2A-2-40GS-00-1, -40WD -00-1 and applicable system -GS-00-1, WD-00-1								-	-	-	-
A4.6.4. Mission Management System											
A4.6.4.1. Theory of Operation TR: 1B-2A-2-94GS-00-1								-	-	-	-
A4.6.4.2. Perform operational check TR: 1B-2A-2-94JG-10-1, -94JG-30-1											
A4.6.4.2.1. Stores Management Processor Task 94-11-103-1	*							-	-	-	-
A4.6.4.2.2. Power Drive Unit Controller (PDUC) Task 94-32-107								-	-	-	-
A4.6.4.3. Fault isolate TR: 1B-2A-2-94GS-00-1, -94WD-00-1		*						-	-	-	-
A4.6.4.4. Remove and install (R&I) TR: 1B-2A-2-94JG-10-1, -30-1,-90-1											
A4.6.4.4.1. Stores Management Processor (SMP) Task 94-11-103								-	-	-	-
A4.6.4.4.2. Power Drive Unit Controller (PDUC) Task 94-32-107								-	-	-	-
A4.6.4.4.3. Power Drive Controller (PDC) Task 94-91-101								-	-	-	-
A4.6.4.5. Processor Reload/CDE TR: 1B-2A-2-40JG-00-1											
A4.6.4.5.1. SMP Selective Reload Task 40-00-02-12	*							-	-	-	-
A4.6.4.5.2. SMP CDE Task 40-00-01-11	*							-	-	-	-
A4.6.5. Flight Management System											
A4.6.5.1. Theory of Operation TR: 1B-2A-2-22GS-00-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.6.5.2. Perform operational check TR: 1B-2A-2-22JG-20-1, -40JG-10-1											
A4.6.5.2.1. Flight Management Control Processor (FMCP) Task 22-23-101	*							-	-	-	-
A4.6.5.2.2. Air Vehicle Interface Processor (AVIP) Task 23-23-101	*							-	-	-	-
A4.6.5.3. Fault isolate TR: 1B-2A-2-22GS-00-1, -22WD-00-1, -40GS-00-1, -40WD-00-1		*						-	-	-	-
A4.6.5.4. Remove and install (R&I) TR: 1B-2A-22JG-20-1											
A4.6.5.4.1. Flight Management Control Processor (FMCP) Tasks, 22-23-101, 22-24-101	*							-	-	-	-
A4.6.5.4.2. Air Vehicle Interface Processor (AVIP) Tasks 22-25-101, 22-26-101								-	-	-	-
A4.6.5.5. Processor Selective Reload/CDE TR: 1B-2A-2-40JG-00-1											
A4.6.5.5.1. Flight Management Control Processor (FMCP) Selective Reload Task 40-00-02-03	*							-	-	-	-
A4.6.5.5.2. Air Vehicle Interface Processor (AVIP) Selective Reload Task 40-00-02-04	*							-	-	-	-
A4.6.5.5.3. Flight Management Control Processor (FMCP) Classified Data Erase Task 40-00-01-03								-	-	-	-
A4.6.5.5.4. Air Vehicle Interface Processor (AVIP) Classified Data Erase Task 40-00-01-04								-	-	-	-
A4.6.5.5.5. System operational Flight Program Version Change Task 40-00-02-01	*							-	-	-	-
A4.6.6. Terrain Following/Terrain Avoidance (TF/TA)											
A4.6.6.1. Functional Theory of Operation TR: 1B-2A-2-22GS-00-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.6.6.2. Perform (TF/TA) operational check TR: 1B-2A-2-22JG-20-1, -40JG-10-1 Task 22-23-101-1; Task 40-10-22-02								-	-	-	-
A4.6.6.3. Fault isolate TR: 1B-2A-2-22GS-00-1, -22WD-00-1		*						-	-	-	-
A4.6.6.4. Remove and install (R&I) TF/TA Processor TR: 1B-2A-2-22JG-20-1 Task 22-27-101; 22-28-101								-	-	-	-
A4.6.6.5. Processor Selective Reload/CDE TR: 1B-2A-2-40JG-00-1											
A4.6.6.5.1. TF/TA Processor Selective Reload Task 40-00-02-05								-	-	-	-
A4.6.6.5.2. TF/TA Processor CDE Task 40-00-01-05								-	-	-	-
A4.6.7. Power Distribution System											
A4.6.7.1. Theory of Operation TR: 1B-2A-2-24GS-00-1								-	-	-	-
A4.6.7.2. Fault isolate TR: 1B-2A-2-24GS-00-1, -24WD-00-1		*						-	-	-	-
A4.6.7.3. Operational checks TR: 24JG-50-1, 40JG-10-1											
A4.6.7.3.1. Processor Control Panel (PCP) Task 24-59-101	*							-	-	-	-
A4.6.7.3.2. Power Control Unit (PCU) Task 40-10-24-01	*							-	-	-	-
A4.6.7.4. Remove and install (R&I) TR: 1B-2A-2-24JG-50-1											
A4.6.7.4.1. PCP Task 24-59-101	*							-	-	-	-
A4.6.7.4.2. PCU Tasks 24-55-101, 24-56-101, -24-57, -101, -24-58-101	*							-	-	-	-
A4.6.8. CONTROLS AND DISPALYS											
A4.6.8.1. Theory of Operation TR: 1B-2A-3-31GS-00-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.6.8.2. Perform operational check TR: 1B-2A-2-31-JG-10-1, -31JG-30-1, -40JG-10-1											
A4.6.8.2.1. Multipurpose Display Unit (MDU) Task 31-10-01	*							-	-	-	-
A4.6.8.2.2. Cursor Control Panel (CCP) Task 31-10-01	*							-	-	-	-
A4.6.8.2.3. Flight Data Control Panel (FDCP) Task 31-10-01	*							-	-	-	-
A4.6.8.2.4. Display Processing Unit (DPU) Task 40-10-31-01	*							-	-	-	-
A4.6.8.2.5. Data Entry Panel (DEP) Task 40-10-31-02	*							-	-	-	-
A4.6.8.2.6. Disk Drive Unit (DDU) Task 40-10-31-05	*							-	-	-	-
A4.6.8.2.7. Disk Drive Unit Cartridge (DDUC) TR: 1B-2A-2-31JG-10-1 Task 31-18-105-1	*							-	-	-	-
A4.6.8.3. Fault isolate TR: 1B-2A-2-31GS-00-1, -31WD -00-1		*						-	-	-	-
A4.6.8.4. Remove and install (R&I) TR: 1B-2A-2-31JG-10-1, -31JG-30-1, -31JG-40-1											
A4.6.8.4.1. MDU Task 31-16-101	*							-	-	-	-
A4.6.8.4.2. DEP Tasks 31-11-101, 31-12-101	*							-	-	-	-
A4.6.8.4.3. FDCP Task 31-17-105	*							-	-	-	-
A4.6.8.4.4. CCP Task 31-17-101	*							-	-	-	-
A4.6.8.4.5. DPU Tasks 31-41-101, 31-42-101, 31-43-101, 31-44-101	*							-	-	-	-
A4.6.8.4.6. DDU Tasks 31-18-101, 31-19-101	*							-	-	-	-
A4.6.8.4.7. DDUC Tasks 31-18-105, 31-19-105	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A4.6.9. Video Tape Recorder (VTR) System											
A4.6.9.1. Theory of Operation TR: 1B-2A-2-31GS-00-1								-	-	-	-
A4.6.9.2. Perform (VTR) operational check TR: 1B-2A-2-31JG-30-1Task 31-36-101								-	-	-	-
A4.6.9.3. Fault isolate TR: 1B-2A-2-31GS-00-1, -31WD-00-1								-	-	-	-
A4.6.9.4. Remove and install (R&I) TR: 1B-2A-2-31JG-30-1											
A4.6.9.4.1. Video Tape Recorder Task 31-36-101								-	-	-	-
A4.6.9.4.2. Video Electronic Switch Task 31-36-103								-	-	-	-
A4.6.9.5. Clean Video Tape Recorder								-	-	-	-
A4.7. MISCELLANEOUS											
A4.7.1. Remove and install (R&I) TR: Applicable system GS-00-1 (Chapter 2)											
A4.7.1.1. Bus Connectors								-	-	-	-
A4.7.1.2. Bus Terminators								-	-	-	-
A4.7.1.3. Bus Couplers								-	-	-	-
A4.8. OPERATE TEST EQUIPMENT/SPECIAL PURPOSE EQUIPMENT											
A4.8.1. Power Meter TR: 33A1-7-205-1								-	-	-	-
A4.8.2. Base Time Standard TR: 9010-687 User Manual	*							-	-	-	-
A4.8.3. Memory Loader Verifier (MLV) TR: 33D7-159-1		*						-	-	-	-
A4.8.4. CYZ-10 TR: DTD User Manual	*							-	-	-	-
A4.8.5. AN/GSM-352 Antenna System Test Set								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 5 - B-52 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using B-52 aircraft/systems. If B-52 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A5.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A5.1.1. Aircraft Familiarization								-	-	-	-
A5.1.2. Major Structural Areas								-	-	-	-
A5.1.3. Major Systems								-	-	-	-
A5.1.4. Aircraft Egress Procedures								-	-	-	-
A5.1.5. Technical order familiarization								-	-	-	-
A5.2. GENERAL MAINTENANCE TASKS											
A5.2.1. Ensure aircraft safe for maintenance	*							-	-	-	-
A5.2.2. Apply external air conditioning	*							-	-	-	-
A5.2.3. Flightline safety/precautions/security								-	-	-	-
A5.2.4. Introduction to aircraft/airframe familiarization								-	-	-	-
A5.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A5.2.6. Inspect/use ground maintenance stands								-	-	-	-
A5.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A5.2.8. Statically ground aircraft								-	-	-	-
A5.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A5.2.10. Perform aircraft wash								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.2.11. Aircraft Jacking											
A5.2.11.1. Jack aircraft								-	-	-	-
A5.2.11.2. Jacking team member								-	-	-	-
A5.2.12. Perform refuel/defuel team member duties								-	-	-	-
A5.2.13. Open and close engine cowling								-	-	-	-
A5.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A5.2.15. Use aircraft interphone system								-	-	-	-
A5.2.16. Perform aircraft marshaling procedures								-	-	-	-
A5.2.17. Tow aircraft											
A5.2.17.1. Perform wing/tail walker duties								-	-	-	-
A5.2.17.2. Brake Operator								-	-	-	-
A5.3. COMMUNICATIONS SYSTEMS											
A5.3.1. Interphone AIC-18 TR: 1B-52H-2-24GA-1											
A5.3.1.1. Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.1.2. Perform operational check TR: 1B-52H-2-24JG-1											
A5.3.1.2.1. Power off Check Task 2-6-1								-	-	-	-
A5.3.1.2.2. Pilot Station Task 2-7, 2-7-1,2-7-2,2-7-3, and 2-7-14								-	-	-	-
A5.3.1.2.3. Copilot Station Task 2-7, 2-7-1,2-7-2,2-7-3, and 2-7-14								-	-	-	-
A5.3.1.2.4. Instructor Pilot Station Task 2-7, 2-7-1,2-7-2,2-7-4, and 2-7-14								-	-	-	-
A5.3.1.2.5. Navigator Station Task 2-7, 2-7-1,2-7-2,2-7-5, and 2-7-14								-	-	-	-
A5.3.1.2.6. Radar Navigator Station								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
Task 2-7, 2-7-1, 2-7-2, 2-7-6, and 2-7-14											
A5.3.1.2.7. Instructor Navigator Station Task 2-7, 2-7-1, 2-7-2, 2-7-7, and 2-7-14								-	-	-	-
A5.3.1.2.8. EW Officer Station Task 2-7, 2-7-1, 2-7-2, 2-7-8, and 2-7-14								-	-	-	-
A5.3.1.2.9. Defense Instructor Station Task 2-7, 2-7-1, 2-7-2, 2-7-9, and 2-7-14								-	-	-	-
A5.3.1.2.10. Gunner Station Task 2-7, 2-7-1, 2-7-2, 2-7-10, and 2-7-14								-	-	-	-
A5.3.1.2.11. Bunk Station Task 2-7, 2-7-1, 2-7-2, 2-7-11, and 2-7-14								-	-	-	-
A5.3.1.2.12. Main External Power Receptacle Station Task 2-7, 2-7-1, 2-7-12, and 2-7-14								-	-	-	-
A5.3.1.2.13. Forward Wheel Well Station Task 2-7, 2-7-1, 2-7-13, and 2-7-14								-	-	-	-
A5.3.1.3. Fault isolation TR:1B-52H-2-24GA-1								-	-	-	-
A5.3.1.4. Remove and install (R&I) TR: 1B-52H-2-24JG-1											
A5.3.1.4.1. Control Panel, C-2106 Task 2-10 thru 2-11-1								-	-	-	-
A5.3.1.4.2. Control Panel, C-2105 Task 2-14 thru 2-15-1								-	-	-	-
A5.3.1.4.3. Control Panel, C-2323 Task 2-12 thru 2-13-1								-	-	-	-
A5.3.1.4.4. Microphone Foot Switch Task 2-18 thru 2-19-1								-	-	-	-
A5.3.1.4.5. Control Wheel Interphone Switch Task 2-16 thru 2-17-1								-	-	-	-
A5.3.2. HF Radio AN/ARC-190											
A5.3.2.1. Function Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.2.2. Perform operational check TR: 1B-52H-2-24JG-6											
A5.3.2.2.1. Power-off check Task 9-5, 9-5-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.3.2.2.2. Operational check Task 9-7, 9-7-1	*							-	-	-	-
A5.3.2.3. Fault isolation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.2.4. Remove and install (R&I) TR:1B-52H-2-24JG-6											
A5.3.2.4.1. Control Unit Task 9-10 thru 9-11-1								-	-	-	-
A5.3.2.4.2. Receiver Transmitter 1341 Task 9-12 thru 9-13-1								-	-	-	-
A5.3.2.4.3. Antenna Coupler Task 9-16 thru 9-17-1								-	-	-	-
A5.3.2.4.4. R/T Mount Task 9-14 thru 9-15-1								-	-	-	-
A5.3.2.4.5. Lightening Arrester Task 9-18 thru 9-19-1								-	-	-	-
A5.3.3. VHF AM/FM Radio AN/ARC-210 TR: 1B-52H-2-24GA-1											
A5.3.3.1. Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.3.2. Perform operational check TR:1B-52H-2-24JG-3											
A5.3.3.2.1. Power-off check Task 4-5, 4-5-1								-	-	-	-
A5.3.3.2.2. LOS Fast check Task 4-8, 4-8-2	*							-	-	-	-
A5.3.3.2.3. Non-DAMA Voice SATCOM check Task 4-8, 4-8-3	*							-	-	-	-
A5.3.3.2.4. DAMA Voice SATCOM check Tasks 4-8, 4-8-1, 4-8-4 thru 4-8-9								-	-	-	-
A5.3.3.2.5. Fault Isolation TR: 1B-52H-2-24MS-3								-	-	-	-
A5.3.3.3. Remove and install (R&I) TR:1B-52H-2-24JG-3											
A5.3.3.3.1. Radio Control Unit Task 4-14 thru 4-15-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.3.3.3.2. ARC 210 Switch Panel Task 4-16 thru 4-17-1								-	-	-	-
A5.3.3.3.3. Receiver Transmitter 1556 Task 4-18 thru 4-19-1								-	-	-	-
A5.3.3.3.4. Logic Converter Task 4-20 thru 4-20-1								-	-	-	-
A5.3.3.3.5. Coax Switch, Low Power Task 4-22 thru 4-23-1								-	-	-	-
A5.3.3.3.6. SATCOM Antenna Task 4-32 thru 4-33-1								-	-	-	-
A5.3.3.3.7. Diplexer Task 4-28 thru 4-29-1								-	-	-	-
A5.3.3.3.8. High Power Amplifier Task 4-26 thru 4-27-1								-	-	-	-
A5.3.3.3.9. LOS Tunable Antenna Task 4-30 and 4-30-1								-	-	-	-
A5.3.3.3.10. Coax Switch, High Power Task 4-24 thru 4-25								-	-	-	-
A5.3.3.3.11. DAMA Modem Task 4-34 thru 4-35-1								-	-	-	-
A5.3.3.3.12. DAMA Modem RCU Task 4-36 thru 4-37-1								-	-	-	-
A5.3.3.3.13. DAMA Modem Mount Task 4-38 thru 4-39-1								-	-	-	-
A5.3.3.3.14. DAMA Modem Battery Task 4-40 thru 4-41-1								-	-	-	-
A5.3.4. UHF Command Radio AN/ARC-164											
A5.3.4.1. Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.4.2. Perform operational check TR: 12B-52H-2-24JG-4											
A5.3.4.2.1. Power-off check Task 7-5 thru 7-5-1								-	-	-	-
A5.3.4.2.2. Fast Check Task 7-7 thru 7-7-1	*							-	-	-	-
A5.3.4.2.3. Fault isolation		*						-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
TR: 1B-52H-2-24GA-1											
A5.3.4.3. Remove and install (R&I) TR: 1B-52H-2-24JG-4											
A5.3.4.3.1. Receiver Transmitter 1504 Task 7-12 thru 7-13-1								-	-	-	-
A5.3.4.3.2. Radio Set Control Unit Task 7-10 thru 7-11-1								-	-	-	-
A5.3.4.3.3. Antenna Task 7-14 thru 7-15-1								-	-	-	-
A5.3.4.3.4. Low Pass Filter Task 7-16 thru 7-17-1-1								-	-	-	-
A5.3.5. UHF/SATCOM AN/ASC-19											
A5.3.5.1. UHF/SATCOM Radio AN/ASC-19 TR: 1B-52H-2-24GA-1											
A5.3.5.1.1. Function Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.5.1.2. Perform operational check TR: 1B-52H-2-24JG-5											
A5.3.5.1.2.1. Power-off check Task 8-7 thru 8-7-1								-	-	-	-
A5.3.5.1.2.2. UHF LOS operational check Task 8-9 thru 8-9-1	*							-	-	-	-
A5.3.5.1.2.3. Satellite Mode operational check Task 8-10 thru 8-10-1								-	-	-	-
A5.3.5.1.3. Fault isolation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.5.1.4. Remove and install (R&I) TR: 1B-52H-2-24JG-5											
A5.3.5.1.4.1. Control Unit Task 8-14 thru 8-15-1								-	-	-	-
A5.3.5.1.4.2. Receiver Transmitter Task 8-23 thru 8-24-1								-	-	-	-
A5.3.5.1.4.3. LOS Antenna Task 8-43 thru 8-44-1								-	-	-	-
A5.3.5.1.4.4. Low Pass Filter Task 8-49 thru 8-50-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.3.5.1.4.5. Teleprinter Task 8-20 thru 8-21-1								-	-	-	-
A5.3.5.1.4.6. Modem Task 8-29 thru 8-30-1								-	-	-	-
A5.3.5.1.4.7. Power Supply Task 8-25 thru 8-26-1								-	-	-	-
A5.3.5.1.4.8. Control Indicator Task 8-16 thru 8-17-1								-	-	-	-
A5.3.5.1.4.9. Subsonic Antenna Task 8-45 thru 8-46-1								-	-	-	-
A5.3.5.1.4.10. Transfer Relay Task 8-37 thru 8-38-1								-	-	-	-
A5.3.5.1.4.11. By-pass Relay Task 8-35 thru 8-36-1								-	-	-	-
A5.3.5.1.4.12. Preamp Task 8-33 thru 8-34-1								-	-	-	-
A5.3.5.1.4.13. Test Load Task 8-41 thru 8-42-1								-	-	-	-
A5.3.5.1.4.14. Keyboard Task 8-18 thru 8-19-1								-	-	-	-
A5.3.6. Secure Voice KY-100 TR: 1B-52H-2-24GA-1											
A5.3.6.1. Theory of Operation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.6.2. Perform operational check TR: 1B-52H-2-24JG-4											
A5.3.6.2.1. Power-off check Task 6-6, 6-6-1								-	-	-	-
A5.3.6.2.2. Operational check Task 6-7 thru 6-7-1	*							-	-	-	-
A5.3.6.3. Fault isolation TR: 1B-52H-2-24kGA-1								-	-	-	-
A5.3.6.4. Remove and install (R&I) TR: 1B-52H-2-24JG-4											
A5.3.6.4.1. KY-100 MTU Task 6-15 thru 6-16-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.3.6.4.2. COMSEC Mode Control Task 6-19 thru 6-20-1								-	-	-	-
A5.3.6.4.3. Remote Control, Z-AVH Task 6-17 thru 6-18-1								-	-	-	-
A5.3.6.4.4. KY-RAD Switching Unit Task 6-21 thru 6-22-1								-	-	-	-
A5.3.6.4.5. KY-100 MTU Battery Task 6-23 thru 6-24-1								-	-	-	-
A5.3.7. Miniature Receive Terminal, AN/ARR-85 TR: 1B-52H-2-24GA-1											
A5.3.7.1. Theory of Operation								-	-	-	-
A5.3.7.2. Perform operational check TR: 1B-52H-2-24JG-3 Task 3-6 thru 3-6-2								-	-	-	-
A5.3.7.3. Fault isolation TR: 1B-52H-2-24GA-1								-	-	-	-
A5.3.7.4. Remove and install (R&I) TR: 1B-52H-2-24JG-3											
A5.3.7.4.1. Radio Receiver Task 3-15 thru 3-16-1								-	-	-	-
A5.3.7.4.2. Transfer Module Task 3-9 thru 3-10-1								-	-	-	-
A5.3.7.4.3. Control Indicator Task 3-11 thru 3-12-1								-	-	-	-
A5.3.7.4.4. ADP Printer Task 3-13 thru 3-14-1								-	-	-	-
A5.3.7.4.5. TE Antenna Task 3-17 thru 3-18-1								-	-	-	-
A5.3.7.4.6. TM Antenna Task 3-19 thru 3-20-1								-	-	-	-
A5.3.7.4.7. Rectifier								-	-	-	-
A5.4. NAVIGATION SYSTEMS											
A5.4.1. IFF Transponder AN/APX-64 TR: 1B-52H-2-25GA-1											
A5.4.1.1. Theory of Operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
TR: 1B-52H-2-25GA-1											
A5.4.1.2. Perform operational check TR: 1B-52H-2-25JG-3 Task 7-5 thru 7-8-7	*							-	-	-	-
A5.4.1.3. Fault isolation TR: 1B-52H-2-25GA-1		*						-	-	-	-
A5.4.1.4. Remove and install (R&I) TR: 1B-52H-2-25JG-3											
A5.4.1.4.1. Control Panel Task 7-23 thru 7-24-1								-	-	-	-
A5.4.1.4.2. Antenna Switching Unit Task 7-14 thru 7-15-1								-	-	-	-
A5.4.1.4.3. Upper Antenna Task 7-19, 7-19-2, 7-20, 7-20-2								-	-	-	-
A5.4.1.4.4. Lower Antenna Task 7-19, 7-19-1, 7-20, 7-20-1								-	-	-	-
A5.4.1.4.5. Transponder Test Set Task 7-21 thru 7-22-1								-	-	-	-
A5.4.1.4.6. Receiver Transmitter Task 7-12 thru 7-13-1-1								-	-	-	-
A5.4.1.4.7. Mode IV Computer Task 7-16 thru 7-17-1								-	-	-	-
A5.4.3. VHF Omni Range (VOR) AN/ARN-14 TR: 1B-52H-2-25GA-1											
A5.4.3.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.3.2. Perform operational check TR: 1B-52H-2-25JG-1											
A5.4.3.2.1. Fast operational check Task 3-5 thru 3-5-4								-	-	-	-
A5.4.3.2.2. Complete check Task 3-8 thru 3-8-9								-	-	-	-
A5.4.3.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.3.4. Remove and install (R&I) TR: 1B-52H-2-25JG-1											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.4.3.4.1. Control Panel Task 3-15 thru 3-16-1								-	-	-	-
A5.4.3.4.2. Receiver Task 3-13 thru 3-14-1								-	-	-	-
A5.4.3.4.3. Antenna Task 3-11 thru 3-12-1								-	-	-	-
A5.4.4. Radar Beacon AN/APN-69 TR: 1B-52H-2-25GA-1											
A5.4.4.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.4.2. Perform operational check TR: 1B-52H-25JG-2											
A5.4.4.2.1. Fast operational check Task 6-5 thru 6-5-4								-	-	-	-
A5.4.4.2.2. Complete operational check Task 6-8 thru 6-8-12								-	-	-	-
A5.4.4.2.3. Wave guide Pressurization and Leakage Test Task 6-26 thru 6-27-1								-	-	-	-
A5.4.4.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.4.4. Remove and install (R&I) TR: 1B-52H-2-25JG-2											
A5.4.4.4.1. Control Panel Task 6-11 thru 6-12-1-1								-	-	-	-
A5.4.4.4.2. Receiver Transmitter Task 6-13 thru 6-14-1								-	-	-	-
A5.4.4.4.3. Antenna Task 6-19 thru 6-20-1								-	-	-	-
A5.4.4.4.4. Pressurizing Kit Task 6-21 thru 6-22-1								-	-	-	-
A5.4.5. Marker Beacon Radio											
A5.4.5.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.5.2. Perform operational check TR: 1B-52H-2-25JG-1 Task 2-5 thru 2-5-5								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.4.5.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.5.4. Remove and install (R&I) TR: 1B-52H-2-25JG-1											
A5.4.5.4.1. Receiver Task 2-8 thru 2-9-1								-	-	-	-
A5.4.5.4.2. Antenna Task 2-10 thru 2-11-1								-	-	-	-
A5.4.6. Glidepath Radio AR/ARN 31/67											
A5.4.6.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.6.2. Operational check TR: 1B-52H-2-25JG-1 Task 4-5 thru 4-5-7								-	-	-	-
A5.4.6.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.6.4. Remove and install (R&I) TR: 1B-52H-2-25JG-1											
A5.4.6.4.1. Antenna Task 4-10 thru 4-11-1								-	-	-	-
A5.4.6.4.2. Receiver Task 4-8 thru 4-9-1								-	-	-	-
A5.4.7. Tactical Air Navigation (TACAN) AN/ARN-118 TR: 1B-52H-2-25GA-1											
A5.4.7.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.7.2. Perform operational check TR: 1B-52H-2-25JG-1											
A5.4.7.2.1. TACAN fast check TR: 1B-52H-2-25JG-1 Task 5-5 thru 5-5-5								-	-	-	-
A5.4.7.2.2. Complete check Task 5-8 thru 5-8-8								-	-	-	-
A5.4.7.2.3. Self-test Task 5-9 thru 5-9-2								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.4.7.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.7.4. Remove and install (R&I) TR: 1B-52H-2-25JG-2											
A5.4.7.4.1. Control Panel Task 5-18 thru 5-19-1								-	-	-	-
A5.4.7.4.2. Receiver Transmitter Task 5-12 thru 5-13-1								-	-	-	-
A5.4.7.4.3. Antenna Task5-22 thru 5-23-1								-	-	-	-
A5.4.7.4.4. TACAN Relay Shield Task 5-20 thru 5-21-1								-	-	-	-
A5.4.7.4.5. MX Adapter Task 5-16 thru 5-17-1								-	-	-	-
A5.4.7.4.6. TACAN R/T Mount Task 5-14 thru 5-15-1								-	-	-	-
A5.4.8. Inertial Navigation Set (INS) AN/ASQ-136											
A5.4.8.1. Theory of Operation TR: 1B-52H-2-33GA-1								-	-	-	-
A5.4.8.2. Perform operational check TR: 1B-2A-2-33JG-1											
A5.4.8.2.1. Operational check Task 2-7 thru 2-7-5	*							-	-	-	-
A5.4.8.2.2. INS/OAS Position Drift Check Task 2-8 thru 2-8-1 or 2-8 thru 2-8-2	*							-	-	-	-
A5.4.8.3. Fault isolate TR: 1B-52H-2-33GA-1		*						-	-	-	-
A5.4.8.4. Remove and install (R&I)											
A5.4.8.4.1. Inertial Measurement Unit (IMU) TR: 1B-52H-2-33JG-1 Tasks 3-3 thru 3-4-1	*							-	-	-	-
A5.4.8.4.2. Interface Electronics Units (IEU) TR: 1B-52H-2-33JG-1 Tasks 3-5 thru 3-6-1								-	-	-	-
A5.4.8.4.3. Rotor Support Power Adapter (RSPA) TR: 1B-52H-2-33JG-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
Tasks 3-7 thru 3-8-1											
A5.4.9. Global Positioning System (GPS)											
A5.4.9.1. Theory of Operation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.9.2. Perform operational check TR: 1B-52H-2-25JG-4											
A5.4.9.2.1. Perform operational check Task 8-8 Thru 8-8-4	*							-	-	-	-
A5.4.9.2.2. Fast Check Task 8-5 thru 8-5-16	*							-	-	-	-
A5.4.9.3. Fault isolation TR: 1B-52H-2-25GA-1								-	-	-	-
A5.4.9.4. Remove and install (R&I) TR: 1B-52H-2-25JG-4											
A5.4.9.4.1. IU Power Panel Task 8-27 thru 8-28-1								-	-	-	-
A5.4.9.4.2. Programmable Keyboard Task 8-29 thru 8-30-1								-	-	-	-
A5.4.9.4.3. Interface Unit Task 8-23 thru 8-24-1								-	-	-	-
A5.4.9.4.4. Splitter Amplifier Unit Task 8-32 thru Task 8-33-1								-	-	-	-
A5.4.9.4.5. Antenna Task 8-15 thru 8-16-1								-	-	-	-
A5.4.9.4.6. Receiver Task 8-19 thru 8-20-1								-	-	-	-
A5.4.10. Doppler											
A5.4.10.1. Theory of Operation TR: 1B-52H-2-21GA-1								-	-	-	-
A5.4.10.2. Perform operational check TR: 1B-52H-2-21JG-1											
A5.4.10.2.1. Power-off check procedures Task 2-5 thru 2-5-1								-	-	-	-
A5.4.10.2.2. Operational check Task 2-12 thru 2-12-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.4.10.3. Fault isolation TR: 1B-52H-2-21GA-1								-	-	-	-
A5.4.10.4. Remove and install (R&I) TR: 1B-52H-2-21JG-1											
A5.4.10.4.1. GSDI Task 2-18 thru 2-19-1								-	-	-	-
A5.4.10.4.2. Doppler Velocity Sensor Task 2-20 thru 2-21-1								-	-	-	-
A5.5. ON-BOARD RADAR SYSTEMS											
A5.5.1. Strategic Radar (AN/APQ-166)											
A5.5.1.1. Theory of Operation TR: 1B-52H-44GA-1								-	-	-	-
A5.5.1.2. Perform Flightline Preliminary Procedures TR: 1B-52H-2-44JG-1											
A5.5.1.2.1. Physical inspection of Radome Area Task 2-7-1								-	-	-	-
A5.5.1.2.2. Physical inspection of Navigator's Area Task 2-7-2								-	-	-	-
A5.5.1.2.3. Preoperational control settings Task 2-8	*							-	-	-	-
A5.5.1.2.4. Ground cooling and system power application Task 2-9	*							-	-	-	-
A5.5.1.2.5. Computational System initialization Task 2-10 thru 2-10-1	*							-	-	-	-
A5.5.1.2.6. Computational System shutdown Task 2-10 thru 2-10-2	*							-	-	-	-
A5.5.1.2.7. Special functions initialization Task 2-11 thru 2-11-1								-	-	-	-
A5.5.1.2.8. End-of-test option Task 2-11-2								-	-	-	-
A5.5.1.2.9. System and cooling shutdown Task 2-12 thru 2-12-1								-	-	-	-
A5.5.1.2.10. Open and close Nose Radome Task 2-13 thru 2-14-1	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.5.1.3. Perform limited operational check TR: 1B-52H-2-44JG-1, -2											
A5.5.1.3.1. Pressurization system Task 2-17, 2-17-1								-	-	-	-
A5.5.1.3.2. Overheat Warning System Task 2-18, 2-18-1								-	-	-	-
A5.5.1.3.3. Antenna Azimuth Scan Task 2-19, 2-19-1								-	-	-	-
A5.5.1.3.4. TA Doppler Drift Check Task 2-20, 2-20-1								-	-	-	-
A5.5.1.3.5. Antenna Tilt Task 2-21, 2-21-1		*						-	-	-	-
A5.5.1.3.6. 180-degree Phase Shifter Accuracy Task 2-22, 2-22-1		*						-	-	-	-
A5.5.1.3.7. Terrain Display Control Panel (TDCP) Task 2-23, 2-23-1								-	-	-	-
A5.5.1.3.8. Radar Presentation Panel (RPP) interface Task 2-24, 2-24-1								-	-	-	-
A5.5.1.3.9. Radar Control Test Panel (RCTP) Task 2-25, 2-25-1								-	-	-	-
A5.5.1.3.10. Receiver Transmitter Modulator (RTM) Task 2-26, 2-26-1	*							-	-	-	-
A5.5.1.3.11. Radar Processor (RP) Task 2-27, 2-27-1								-	-	-	-
A5.5.1.3.12. Display Generator (DG) Task 2-28, 2-28-1	*							-	-	-	-
A5.5.1.3.13. Perform Tie-in and associated equipment TR: 1B-52H-2-44JG-2											
A5.5.1.3.13.1. AN/APN-69 System Task 2-29, 2-29-1								-	-	-	-
A5.5.1.3.13.2. Attitude Heading Reference System (AHRS) Interface Task 2-30, 2-30-1								-	-	-	-
A5.5.1.3.13.3. Autopilot System Interface Task 2-31, 2-31-1								-	-	-	-
A5.5.1.3.13.4. Computational System Display Interface Task 2-32, 2-32-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.5.1.3.13.5. Bomb Circuits Interface Task 2-33 thru 2-33-1		*						-	-	-	-
A5.5.1.3.13.6. ECM Blanking Interface Task 2-34, 2-34-1								-	-	-	-
A5.5.1.4. Perform operational checks											
A5.5.1.4.1. Navigator Station Strategic Radar Check TR: 1B-52H-2-44JG-3 Task 2-37								-	-	-	-
A5.5.1.4.2. Support Systems Task 2-37 -1								-	-	-	-
A5.5.1.4.3. Antenna Tilt Stabilization Task 2-37-2		*						-	-	-	-
A5.5.1.4.4. Display Azimuth Reference Task 2-37-3								-	-	-	-
A5.5.1.4.5. Display Azimuth Scan Task 2-37-4								-	-	-	-
A5.5.1.4.6. Operational check Task 2-37-5								-	-	-	-
A5.5.1.5. Service Pressurization Systems TR: 1B-52H-2-44JG-4											
A5.5.1.5.1. Pressure System Servicing Removal and Installation Task 3-37 thru 3-37-3								-	-	-	-
A5.5.1.5.2. Filter and Air Dryer Servicing Task 3-38 thru 3-38-2								-	-	-	-
A5.5.1.6. Fault isolate STRAT Radar AN/APQ-166 TR: 1B-52H-2-44GA-1		*						-	-	-	-
A5.5.1.7. Align/Adjust systems											
A5.5.1.7.1. Nose Radome boresight marking TR: 1B-52H-2-44JG-3 Task 2-38-4								-	-	-	-
A5.5.1.8. Remove and install (R&I)											
A5.5.1.8.1. Receiver-Transmitter Modulator TR: 1B-52H-2-44JG-3 Tasks 3-7 thru 3-8-1	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.5.1.8.2. Radar Antenna TR: 1B-52H-2-44JG-4 Tasks 3-13 thru 3-14-1	*							-	-	-	-
A5.5.1.8.3. Tilt Actuator TR: 1B-52H-2-44JG-4 Tasks 3-15 thru 3-16-1								-	-	-	-
A5.5.1.8.4. Waveguide Assemblies TR: 1B-52H-2-44JG-3 Tasks 3-9 thru 3-10-1								-	-	-	-
A5.5.1.8.5. SR 180-degree phase shifter TR: 1B-52H-2-44JG-3 Tasks 3-11 thru 3-12-1								-	-	-	-
A5.5.1.8.6. Pressurization System Servicing TR: 1B-52H-2-44JG-4 Tasks 3-37 thru 3-37-3								-	-	-	-
A5.5.1.8.7. Antenna Position Programmer TR: 1B-52H-2-44JG-4 Tasks 3-23 thru 3-24-1								-	-	-	-
A5.5.1.8.8. Radar Interface Unit TR: 1B-52H-2-44JG-4 Tasks 3-25 thru 3-26-1								-	-	-	-
A5.5.1.8.9. Radar Scan Converter TR: 1B-52H-2-44JG-4 Tasks 3-27 thru 3-28-1								-	-	-	-
A5.5.1.8.10. Radar Control Test Panel TR: 1B-52H-2-44JG-4 Tasks 3-29 thru 3-30-1								-	-	-	-
A5.5.1.8.11. Radar Presentation Panel TR: 1B-52H-2-44JG-4 Tasks 3-33 thru 3-34-1								-	-	-	-
A5.5.1.8.12. Radar Pressure Control Panel TR: 1B-52H-2-44JG-4 Tasks 3-35 thru 3-36								-	-	-	-
A5.5.1.8.13. S/V Filter Box A9000 TR: 1B-52H-2-12JG-8 Tasks 8-4, 8-5								-	-	-	-
A5.5.1.8.14. S/V Filter Box A9003 TR: 1B-52H-2-12JG-8 Tasks 8-6, 8-7								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.5.1.8.15. S/V Filter Box A9005 TR: 1B-52H-2-12JG-8 Tasks 8-8, 8-9								-	-	-	-
A5.5.1.8.16. S/V Filter Box A9040 TR: 1B-52H-2-12JG-8 Tasks 8-12, 8-13								-	-	-	-
A5.5.1.8.17. OAS Temperature Bulb TR: 1B-52H-2-34JG-3 Tasks 4-16, 4-17								-	-	-	-
A5.5.2. Terrain Avoidance (TA)											
A5.5.2.1. Theory of Operation TR: 1B-52H-2-44GA								-	-	-	-
A5.5.2.2. Perform Pilot Station TA Check TR: 1B-52H-2-44JG-3											
A5.5.2.2.1. TA Failure Warning Check Task 2-38								-	-	-	-
A5.5.2.2.2. TA Verification Test Setup Task 2-38								-	-	-	-
A5.5.2.2.3. TA System Verification Task 2-38								-	-	-	-
A5.5.2.3. Fault isolation TR: 1B-52H-2-44GA-1		*						-	-	-	-
A5.5.2.4. Remove and install (R&I) TR: 1B-52H-2-44GA-1											
A5.5.2.4.1. Radar Processor TR: 1B-52H-2-44JG-4 Tasks 3-19, 3-20								-	-	-	-
A5.5.2.4.2. Display Generator TR technical orders 1B-52H-2-44JG-4 Tasks 3-21, 3-22-1								-	-	-	-
A5.5.2.4.3. Terrain Display Control Panel TR: 1B-52H-2-44JG-4 Tasks 3-31, 3-32-1								-	-	-	-
A5.5.3. Radar Altimeters AN/APN-224											
A5.5.3.1. Theory of Operation TR: 1B-52H-2-35GA-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.5.3.2. Perform operational check TR: 1B-52H-2-35JG-1											
A5.5.3.2.1. Power off check Task 2-5, 2-5-1								-	-	-	-
A5.5.3.2.2. Operational check Task 2-12, 2-12-1								-	-	-	-
A5.5.3.3. Fault isolation 1B-52H-2-35GA-1								-	-	-	-
A5.5.3.4. Remove and install (R&I) TR: 1B-52H-2-35JG-1											
A5.5.3.4.1. Receiver/Transmitter Task 2-19 thru 2-20-1								-	-	-	-
A5.5.3.4.2. Antenna Task 2-21 thru 2-22-1-1								-	-	-	-
A5.5.3.4.3. Altimeter Indicator Task 2-17 thru 2-18-1								-	-	-	-
A5.6. MISSION SYSTEMS											
A5.6.1. Controls and Displays (CAD)											
A5.6.1.1. Theory of Operation TR: 1B-52H-2-34GA-2								-	-	-	-
A5.6.1.2. Perform operational check TR: 1B-52H-2-34JG-2											
A5.6.1.2.1. Power Application and Turn-On Task 3-5-1								-	-	-	-
A5.6.1.2.2. Integrated keyboard Task 3-5-2								-	-	-	-
A5.6.1.2.3. RNMP Task 3-5-3								-	-	-	-
A5.6.1.2.4. DEU Task 3-5-3A								-	-	-	-
A5.6.1.2.5. MIU Power Switch Task 3-5-4								-	-	-	-
A5.6.1.2.6. Shutdown Task 3-5-5								-	-	-	-
A5.6.1.3. Fault isolate TR: 1B-52H-2-34JG-1		*						-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.1.4. Remove and install (R&I)											
A5.6.1.4.1. Computer Control Panel TR: 1B-52H-2-34JG-1 Tasks 2-14 thru 2-15-1								-	-	-	-
A5.6.1.4.2. Controls and Displays Interface unit TR: 1B-52H-2-34JG-3 Tasks 3-8 thru 3-9-1								-	-	-	-
A5.6.1.4.3. Display Electronics Unit TR: 1B-52H-2-34JG-3 Tasks 3-10 thru 3-11-1								-	-	-	-
A5.6.1.4.4. Navigator Integrated Keyboard TR: 1B-52H-2-34JG-3 Tasks 3-12 thru 3-13-1								-	-	-	-
A5.6.1.4.5. Radar Navigator Integrated Keyboard TR: 1B-52H-2-34JG-3 Tasks 3-12, 3-12-1, 3-14, 3-14-1								-	-	-	-
A5.6.1.4.6. Navigator Multifunction Display TR: 1B-52H-2-34JG-3 Task 3-15 thru 3-16-1								-	-	-	-
A5.6.1.4.7. Radar Navigator Multifunction Display TR: 1B-52H-2-34JG-3 Tasks 3-15, 3-15-1, 3-17, 3-17-1	*							-	-	-	-
A5.6.1.4.8. Radar Navigator Management Panel TR: 1B-52H-2-34JG-3 Tasks 3-18 thru 3-19-1								-	-	-	-
A5.6.1.4.9. OAS Power Control Panel TR: 1B-52H-2-34JG-3, Tasks 3-20 thru 3-21-1								-	-	-	-
A5.6.1.5. Ground Maintenance Computer Program (GMCP)											
A5.6.1.5.1. GMCP for fault data retrieval TR: 1B-52H-2-33GA-1, -34GA-1, -44GA-1								-	-	-	-
A5.6.1.5.2. GMCP Fault Data Retrieval Reports for fault isolation of aircraft malfunctions TR: 1B-52H-2-33GA-1, -34GA-1, -44GA-1								-	-	-	-
A5.6.2. Bus and Multiplexing System (1553A Data Bus System)											
A5.6.2.1. Theory of Operation TR: 1B-52H-2-34GA-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.2.2. Fault isolate TR: 1B-52H-2-34GA-1		*						-	-	-	-
A5.6.2.3. Remove and install (R&I) Bus Couplers								-	-	-	-
A5.6.3. Computational Subsystem/Offensive Avionics System (OAS)											
A5.6.3.1. Theory of Operation TR: 1B-52H-2-34GA-1								-	-	-	-
A5.6.3.2. Perform operational check TR: 1B-52H-2-34JG-1											
A5.6.3.2.1. Operational check procedure Task 2-5 thru 2-5-1								-	-	-	-
A5.6.3.2.2. DTU check Task 2-5, 2-5-2								-	-	-	-
A5.6.3.2.3. Computer Control Panel Task 2-5, 2-5-3								-	-	-	-
A5.6.3.2.4. Shutdown Task 2-5-4								-	-	-	-
A5.6.3.2.5. ACU check Task 2-5, 2-5-5								-	-	-	-
A5.6.3.3. Fault isolate TR: 1B-52H-2-34GA-1		*						-	-	-	-
A5.6.3.4. Remove and install (R&I)											
A5.6.3.4.1. Avionics Control Unit (ACU) Tasks 2-8 thru 2-9-1, 2-10 thru 2-11-1, 2-12 thru 2-13-1								-	-	-	-
A5.6.3.4.2. Computer Control Panel Tasks 2-14 thru 2-15-1								-	-	-	-
A5.6.3.4.3. Data Transfer Control Unit #1 Tasks 2-16 thru 2-17-1								-	-	-	-
A5.6.3.4.4. Data Transfer Control Unit #2 Tasks 2-18 thru 2-19-1								-	-	-	-
A5.6.3.4.5. Data Transfer Unit Cartridge Mount #1 TR: 1B-52H-2-34JG-1 Tasks 2-20 thru 2-21-1								-	-	-	-
A5.6.3.4.6. Data Transfer Unit Cartridge Mount #2 Task 2-22 thru 2-23-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.4. Video Processing and Recording											
A5.6.4.1. Airborne Video Tape Recorder (AVTR) System											
A5.6.4.1.1. Theory of Operation TR: 1B-52H-2-41, 12S6-2AXQ-12								-	-	-	-
A5.6.4.1.2. Perform operational check TR: 1B-52H-2-41								-	-	-	-
A5.6.4.1.3. Fault isolate TR: 1B-52H-2-41, -12S6-2AXQ-12								-	-	-	-
A5.6.4.1.4. Remove and install (R&I) AVTR TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.4.2. Remote Control Unit (RCU)											
A5.6.4.2.1. Theory of Operation TR: 1B-52H-2-41, 12S5-4-53-2								-	-	-	-
A5.6.4.2.2. Perform operational check TR: 1B-52H-2-41								-	-	-	-
A5.6.4.2.3. Fault isolate TR: 1B-52H-2-41, 12S5-4-53-2								-	-	-	-
A5.6.4.2.4. Remove and install (R&I) RCU TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5. Electro-optical Viewing System (EVS) AN/ASQ-151											
A5.6.5.1. Theory of Operation TR: 1B-52H-2-41											
A5.6.5.1.1. Steerable Television (STV)								-	-	-	-
A5.6.5.1.2. Forward Looking Infrared (FLIR)								-	-	-	-
A5.6.5.1.3. Data Presentation Group (DPG)								-	-	-	-
A5.6.5.1.4. Tie-In								-	-	-	-
A5.6.5.2. Power-off Check											
A5.6.5.2.1. Radome Area								-	-	-	-
A5.6.5.2.2. Navigator’s Area								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.5.2.3. Pilot's Area								-	-	-	-
A5.6.5.2.4. Preoperational Control								-	-	-	-
A5.6.5.2.5. Power Application								-	-	-	-
A5.6.5.3. Perform operational check TR: 1B-52H-2-41											
A5.6.5.3.1. Preliminary								-	-	-	-
A5.6.5.3.2. OAS/EVS Startup								-	-	-	-
A5.6.5.3.3. Indicator Lights System								-	-	-	-
A5.6.5.3.4. STV	*							-	-	-	-
A5.6.5.3.5. FLIR	*							-	-	-	-
A5.6.5.3.6. Symbols								-	-	-	-
A5.6.5.3.7. EVS Ancillary System tie-in check		*						-	-	-	-
A5.6.5.4. Fault isolate TR: 1B-52H-2-41, 11B31-3-4-1		*						-	-	-	-
A5.6.5.5. Remove and install (R&I)											
A5.6.5.5.1. Video Distribution Unit (VDU) TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.2. Servo Control Unit (SCU) TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.3. Symbol Signal Generator (SSG) TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.4. EVS Monitors TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.5. FLIR Sensor assembly TR: 1B-52H-2-41 (Section VI)	*							-	-	-	-
A5.6.5.5.6. Digital Scan Converter (DSC) TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.7. Signal Data Converter (SDC) TR: 1B-52H-2-41 (Section VI)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.5.5.8. STV camera TR: 1B-52H-2-41 (Section VI)	*							-	-	-	-
A5.6.5.5.9. STV Camera Electronics TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.10. Gimbal Regulator Reference Unit TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.11. Pilots NFOV switches TR: 1B-52H-2-34JG-3								-	-	-	-
A5.6.5.5.12. Turret Drive Motor TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.13. Turret Drive Belt TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.14. Turret Window TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.5.15. Turret Bearing Assembly TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.6. Align/Adjust Systems											
A5.6.5.6.1. EVS turret drive belt tension TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.6.2. EVS turret limit switch TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.7. Service Electro-optical Viewing Systems											
A5.6.5.7.1. Turret Window Cleaning TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.7.2. Camera and scanner mirror and lens cleaning TR: 1B-52H-2-41 (Section VI)								-	-	-	-
A5.6.5.8. EVS Tie-ins Theory of Operation TR: 1B-52H-2-41								-	-	-	-
A5.6.6. Video Recorder (VR) Systems											
A5.6.6.1. Theory of Operation TR: 1B-52H-2-30GA-1, 11B36-2-3-2								-	-	-	-
A5.6.6.2. Perform operational check TR: 1B-52H-2-30JG-2											
A5.6.6.2.1. Video Recorder BIT check TR: 3-6 thru 3-6-1								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.6.6.2.2. Restoration Task 3-6-4								-	-	-	-
A5.6.6.2.3. Radar scan converter signal and out-of-film check Task 3-6, 3-6-2								-	-	-	-
A5.6.6.2.4. GMCP select test and MFD mode check Task 3-6, 3-6-3								-	-	-	-
A5.6.6.3. Fault isolate TR: 1B-52H-2-30GA-1 Section 4								-	-	-	-
A5.6.6.4. Remove and install (R&I) TR: 1B-52H-2-30JG-2											
A5.6.6.4.1. VR Recorder Task 3-9 thru 3-10-1								-	-	-	-
A5.6.6.4.2. VR Film Magazine Task 3-11 thru 3-12-1								-	-	-	-
A5.6.6.5. Load and Unload Film Magazine TR: 11B36-2-3-2								-	-	-	-
A5.7. ANCILLARY SYSTEMS AND TIE'-IN (OAS)											
A5.7.1. Theory of Operation TR: 1B-52H-2-34GA (Series)								-	-	-	-
A5.7.2. Perform operational check TR: 1B-52H-2-34JG-3											
A5.7.2.1. GMCP EVS Interface Unit (EIU) and Armament Interface Unit (AIU) Check Task 4-5 Thru 4-5-3								-	-	-	-
A5.7.2.2. FCP (Flight Computer Program) power application and turn-on Task 4-5, 4-5-5-5								-	-	-	-
A5.7.2.3. OAS true airspeed and attitude Task 4-5, 4-5-6		*						-	-	-	-
A5.7.2.4. FCI (Flight Command Indicator) Task 4-5, 4-5-7								-	-	-	-
A5.7.2.5. AIU/Tail Warning System Interface Task 4-5, 4-5-8								-	-	-	-
A5.7.2.6. FCP shutdown Task 4-5, 4-5-9								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.7.3. Remove and install (R&I)											
A5.7.3.1. EVS Interface Unit TR: 1B-52H-2-34JG-3 Tasks 4-8 thru 4-9-1								-	-	-	-
A5.7.3.2. Armament Interface Unit TR: 1B-52H-2-34JG-3 Tasks 4-10 thru 4-11-1	*							-	-	-	-
A5.7.8. ACR Boresight Test Set TR: 33D5-12-75-1											
A5.7.8.1. Antenna Telescope Assembly											
A5.7.8.1.1. Calibrate/Align								-	-	-	-
A5.7.8.1.2. Service								-	-	-	-
A5.7.8.1.3. Isolate Malfunctions								-	-	-	-
A5.7.8.1.4. Repair								-	-	-	-
A5.7.8.1.5. Inspect								-	-	-	-
A5.7.8.2. Antenna Telescope Assembly RF pattern											
A5.7.8.2.1. Calibrate/Align								-	-	-	-
A5.7.8.2.2. Service								-	-	-	-
A5.7.8.2.3. Isolate malfunctions								-	-	-	-
A5.7.8.2.4. Repair								-	-	-	-
A5.7.8.2.5. Inspect								-	-	-	-
A5.8. FIELD SHOP TEST SET MAINTENANCE											
A5.8.1. Radar Test Set (RTS), AN/APM-440, test set maintenance TR: 33D7-44-253-1, -2											
A5.8.1.1. Perform fault data retrieval procedures								-	-	-	-
A5.8.1.2. Maintain tester and peculiar TRUs											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.1.2.1. Perform operational check								-	-	-	-
A5.8.1.2.2. Perform testing procedures of RTS unique equipment								-	-	-	-
A5.8.1.3. Align and adjust											
A5.8.1.3.1. Adjust Microwave power supply								-	-	-	-
A5.8.1.3.2. Adjust Radar pressurizing test set limits								-	-	-	-
A5.8.1.3.3. Adjust Waveguide phase shifter								-	-	-	-
A5.8.1.3.4. RFSP heading error potentiometer check								-	-	-	-
A5.8.1.3.5. Phase comparator test								-	-	-	-
A5.8.1.4. Lubricate and service dehydrator								-	-	-	-
A5.8.1.5. Clean								-	-	-	-
A5.8.1.6. Inspect								-	-	-	-
A5.8.1.7. Isolate Malfunctions								-	-	-	-
A5.8.1.8. Repair								-	-	-	-
A5.8.1.9. Remove and replace TRUs								-	-	-	-
A5.8.2. Radar Test Set (RTS), AN/APM-440, LRU maintenance TR: 33D7-44-253-1, -2											
A5.8.2.1. DEU TR: 11B10-7-7-2											
A5.8.2.1.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.1.2. Clean								-	-	-	-
A5.8.2.1.3. Inspect								-	-	-	-
A5.8.2.2. IKB TR: 11B-10-7-8-2											
A5.8.2.2.1. Perform LRU performance/confidence checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.2.2.2. Clean								-	-	-	-
A5.8.2.2.3. Inspect								-	-	-	-
A5.8.2.3. DTUC TR: 11B-10-78-2											
A5.8.2.3.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.3.2. Clean								-	-	-	-
A5.8.2.3.3. Inspect								-	-	-	-
A5.8.2.4. DTUCM TR: 11B10-25-2-2											
A5.8.2.4.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.4.2. Clean								-	-	-	-
A5.8.2.4.3. Inspect								-	-	-	-
A5.8.2.5. DTCU TR: 11B10-25-2-2											
A5.8.2.5.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.5.2. Clean								-	-	-	-
A5.8.2.5.3. Inspect								-	-	-	-
A5.8.2.6. CCP TR: 11B12-10-9-2											
A5.8.2.6.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.6.2. Isolate malfunctions								-	-	-	-
A5.8.2.6.3. Repair								-	-	-	-
A5.8.2.6.4. Inspect								-	-	-	-
A5.8.2.6.5. Perform boarding resistance test								-	-	-	-
A5.8.2.7. RPP											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
TR: 11B12-13-14-2											
A5.8.2.7.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.7.2. Inspect								-	-	-	-
A5.8.2.8. RNMP TR: 11B12-29-3-2											
A5.8.2.8.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.8.2. Inspect								-	-	-	-
A5.8.2.9. PCP TR: 11B12-30-2-2											
A5.8.2.9.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.9.2. Inspect								-	-	-	-
A5.8.2.10. RIU TR: 11B13-4-3-2											
A5.8.2.10.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.10.2. Clean								-	-	-	-
A5.8.2.10.3. Inspect								-	-	-	-
A5.8.2.11. CDIU TR: 11B13-4-6-2											
A5.8.2.11.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.11.2. Clean								-	-	-	-
A5.8.2.11.3. Inspect								-	-	-	-
A5.8.2.12. RSC TR: 11B13-4-7-2											
A5.8.2.12.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.12.2. Clean								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.2.12.3. Inspect								-	-	-	-
A5.8.2.13. RP TR: 11B13-4-12-2											
A5.8.2.13.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.13.2. Clean								-	-	-	-
A5.8.2.13.3. Inspect								-	-	-	-
A5.8.2.14. DG TR: 11B13-4-13-2											
A5.8.2.14.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.14.2. Clean								-	-	-	-
A5.8.2.14.3. Inspect								-	-	-	-
A5.8.2.15. MFD TR: 11B21-5-4-2											
A5.8.2.15.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.15.2. Clean								-	-	-	-
A5.8.2.15.3. Inspect								-	-	-	-
A5.8.2.16. Antenna Position Programmer (APP) TR: 11B47-12-4-2											
A5.8.2.16.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.16.2. Clean								-	-	-	-
A5.8.2.16.3. Inspect								-	-	-	-
A5.8.2.17. ACU TR: 11B47-12-4-2											
A5.8.2.17.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.17.2. Clean								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.2.17.3. Inspect								-	-	-	-
A5.8.2.18. FCI TR: 11B31-5-2-2 (Section 6)											
A5.8.2.18.1. Perform LRU performance/confidence checks								-	-	-	-
A5.8.2.18.2. Align/adjust								-	-	-	-
A5.8.2.19. Radar Control Panel (RCTP) TR: 11B12-29-4-12											
A5.8.2.19.1. Perform LRU functional/detailed checks								-	-	-	-
A5.8.2.19.2. Clean								-	-	-	-
A5.8.2.19.3. Inspect								-	-	-	-
A5.8.2.20. Terrain Display Control Panel (TDCP) TR: 11B12-29-6-2											
A5.8.2.20.1. Perform LRU functional/detailed checks								-	-	-	-
A5.8.2.20.2. Clean								-	-	-	-
A5.8.2.21. Remote Control Unit (RCU) operational check TR: 1B-52H-2-41, 12S5-4-53-2											
A5.8.2.21.1. Perform LRU operational check								-	-	-	-
A5.8.2.21.2. Clean								-	-	-	-
A5.8.2.21.3. Inspect								-	-	-	-
A5.8.2.22. RTM TR: 11B34-2-9-1, -2, -12											
A5.8.2.22.1. Perform confidence test								-	-	-	-
A5.8.2.22.2. Perform operational test								-	-	-	-
A5.8.2.22.3. Perform functional test											
A5.8.2.22.3.1. BITE test								-	-	-	-
A5.8.2.22.3.2. Mode logic test								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.2.22.3.3. Timing test								-	-	-	-
A5.8.2.22.3.4. RF tuning test								-	-	-	-
A5.8.2.22.3.5. Frequency bit test								-	-	-	-
A5.8.2.22.3.6. RF pulse width test								-	-	-	-
A5.8.2.22.3.7. Sensitivity test								-	-	-	-
A5.8.2.22.3.8. Trigger delay test/alignment								-	-	-	-
A5.8.2.22.3.9. TA accuracy test								-	-	-	-
A5.8.2.22.3.10. GM/MRI/STC test								-	-	-	-
A5.8.2.22.3.11. ALQ-117 blanking test								-	-	-	-
A5.8.2.22.3.12. Special functions test								-	-	-	-
A5.8.2.22.3.13. Pressure test								-	-	-	-
A5.8.2.22.4. Perform Fault isolation (FI) test/alignments											
A5.8.2.22.4.1. Mode Logic FI test								-	-	-	-
A5.8.2.22.4.2. Crystal current FI test/alignment								-	-	-	-
A5.8.2.22.4.3. TR recovery FI test								-	-	-	-
A5.8.2.22.4.4. AFC alignment								-	-	-	-
A5.8.2.22.4.5. AFC acquisition FI test								-	-	-	-
A5.8.2.22.4.6. RF power FI test								-	-	-	-
A5.8.2.22.4.7. Amplitude alignment								-	-	-	-
A5.8.2.22.4.8. Phase alignment								-	-	-	-
A5.8.2.22.5. Isolate malfunctions								-	-	-	-
A5.8.2.22.6. Repair								-	-	-	-
A5.8.2.22.7. Clean								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.2.22.8. Inspect								-	-	-	-
A5.8.2.23. Radar antenna TR: 11B46-6-5-2											
A5.8.2.23.1. Perform operational test								-	-	-	-
A5.8.2.23.2. Perform functional test											
A5.8.2.23.2.1. Mechanical boresight/leveling test								-	-	-	-
A5.8.2.23.2.2. Azimuth accuracy test/alignment								-	-	-	-
A5.8.2.23.2.3. Tilt accuracy test/alignment								-	-	-	-
A5.8.2.23.2.4. Tilt dynamic test								-	-	-	-
A5.8.2.23.2.5. Pressure test								-	-	-	-
A5.8.2.23.3. Isolate malfunctions								-	-	-	-
A5.8.2.23.4. Repair								-	-	-	-
A5.8.2.23.5. Clean								-	-	-	-
A5.8.2.23.6. Inspect								-	-	-	-
A5.8.2.23.7. Perform bonding resistance test								-	-	-	-
A5.8.3. Transmitter/Modulator Assembly Test Set (TMATS), AN/ASM-661, test set maintenance TR: 33D7-29-59-1											
A5.8.3.1. Perform operational check								-	-	-	-
A5.8.3.2. Align								-	-	-	-
A5.8.3.3. Service								-	-	-	-
A5.8.3.4. Clean								-	-	-	-
A5.8.3.5. Inspect								-	-	-	-
A5.8.3.6. Isolate malfunctions								-	-	-	-
A5.8.3.7. Repair								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.3.8. Remove and replace TRUs								-	-	-	-
A5.8.4. Transmitter/Modulator Assembly Test Set (TMATS), AN/ASM-661, T/M assembly maintenance TR: 11B24-3-5-2, 11B34-2-9-2											
A5.8.4.1. Perform functional check								-	-	-	-
A5.8.4.2. Perform detailed check								-	-	-	-
A5.8.4.3. Isolate malfunctions								-	-	-	-
A5.8.4.4. Repair								-	-	-	-
A5.8.4.5. Clean								-	-	-	-
A5.8.4.6. Inspect								-	-	-	-
A5.8.5. STV camera and FLIR sensor test set, AN/ASM-470, test set maintenance TR:33D7-44-201-1, -2											
A5.8.5.1. Perform normal operational check								-	-	-	-
A5.8.5.2. Perform complete operational check								-	-	-	-
A5.8.6. STV camera and FLIR sensor test set, AN/ASM-470, LRU maintenance											
A5.8.6.1. STV camera maintenance TR: 12S6-4-1-102								-	-	-	-
A5.8.6.1.1. Perform operational checks											
A5.8.6.1.1.1. Camera head tilt								-	-	-	-
A5.8.6.1.1.2. Elevation drive test								-	-	-	-
A5.8.6.1.1.3. Azimuth drive test								-	-	-	-
A5.8.6.1.2. Align/adjust											
A5.8.6.1.2.1. HVPS input voltage checks								-	-	-	-
A5.8.6.1.2.2. HVPS output voltage checks/adjustments								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.6.1.2.3. HVPS gated output check								-	-	-	-
A5.8.6.1.2.4. HVPS interface voltage checks								-	-	-	-
A5.8.6.1.2.5. Camera assembly								-	-	-	-
A5.8.6.1.2.6. Fiducial marks								-	-	-	-
A5.8.6.1.2.7. G1 voltage								-	-	-	-
A5.8.6.1.2.8. Boresight								-	-	-	-
A5.8.6.1.3. Clean mirror								-	-	-	-
A5.8.6.1.4. Lubricate								-	-	-	-
A5.8.6.1.5. Purge								-	-	-	-
A5.8.6.1.6. Isolate malfunctions								-	-	-	-
A5.8.6.1.7. Repair								-	-	-	-
A5.8.6.1.8. Clean								-	-	-	-
A5.8.6.1.9. Disassemble								-	-	-	-
A5.8.6.1.10. Assemble								-	-	-	-
A5.8.6.2. Perform confidence checks TR: 12S6-4-1-102											
A5.8.6.2.1. Camera electronics								-	-	-	-
A5.8.6.2.2. STV control panel								-	-	-	-
A5.8.6.3. Perform abbreviated operational check TR: 12S10-4-6-2											
A5.8.6.3.1. FLIR control panel								-	-	-	-
A5.8.6.4. Perform functional check											
A5.8.6.4.1. VDU TR: 11B31-3-4-2								-	-	-	-
A5.8.6.5. Turret Drive Test Set, Turret Drive Motor TR: 11B1-112-, 11B1-113											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.8.6.5.1. Perform drive unit check											
A5.8.6.5.1.1. Preliminary procedure								-	-	-	-
A5.8.6.5.1.2. Circuit check								-	-	-	-
A5.8.6.5.1.3. Free run check								-	-	-	-
A5.8.6.5.1.4. Stall check								-	-	-	-
A5.8.6.5.1.5. Transducer check								-	-	-	-
A5.8.6.5.2. Isolate malfunctions								-	-	-	-
A5.8.6.5.3. Repair								-	-	-	-
A5.8.6.5.4. Clean								-	-	-	-
A5.8.6.5.5. Inspect								-	-	-	-
A5.9. OPERATE TEST EQUIPMENT											
A5.9.1. Pulse generator TR: 33A1-8-875-1, -886-1								-	-	-	-
A.5.8.2. Electrostatic Voltmeter TR: 12S6-4-1-102								-	-	-	-
A5.9.3. Antenna Attitude Measuring Set TR: 33D5-12-75-1, 33D5-15-5-1-1		*						-	-	-	-
A5.9.4. Photometers TR: 33D10-16-6-1								-	-	-	-
A5.9.5. Test Pattern Projector TR: 33D7-44-201-1, -2								-	-	-	-
A5.9.6. Flash Protection Tester TR: 33D7-44-201-1, -2								-	-	-	-
A5.9.7. Nitrogen Servicing Unit TR: 35D3-6-35-1								-	-	-	-
A5.9.8. AVTR Test Signal Generator TR: 12S6-2AXQ-12								-	-	-	-
A5.9.9. RP/DG Tester TR: 1B-52H-2-44JG-4								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A5.9.10. RTM Breakout Box TR: 1B-52H-2-44JG-1		*						-	-	-	-
A5.10. PHOTOGRAPHIC VIDEO EQUIPMENT											
A5.10.1. Purpose and characteristics											
A5.10.1.1. Theory of operation								-	-	-	-
A5.10.1.2. Perform operational check								-	-	-	-
A5.10.1.3. Remove and install (R&I)								-	-	-	-
A5.10.1.4. Isolate malfunctions								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 6 - C-5 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-5 aircraft/systems. If C-5 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A6.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A6.1.1. Aircraft Familiarization	*							-	-	-	-
A6.1.2. Major Structural Areas								-	-	-	-
A6.1.3. Major Systems								-	-	-	-
A6.1.4. Aircraft Egress Procedures								-	-	-	-
A6.1.5. Technical order familiarization								-	-	-	-
A6.1.6. Remove and install (R&I) maintenance panels								-	-	-	-
A6.1.7. Open/close engine cowling								-	-	-	-
A6.1.8. Operate cargo doors								-	-	-	-
A6.1.9. Open/close radomes	*							-	-	-	-
A6.1.10. Enter/exit vertical stabilizer								-	-	-	-
A6.1.11. Aircraft egress procedures								-	-	-	-
A6.1.12. Underfloor tunnel entry procedure (power on/off)								-	-	-	-
A6.1.13. Fire Suppression System (FSS)								-	-	-	-
A6.1.14. Launch aircraft								-	-	-	-
A6.1.15. Recover aircraft								-	-	-	-
A6.2. GENERAL MAINTENANCE TASKS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.2.1. Technical order familiarization								-	-	-	-
A6.2.2. Flightline safety/precautions security								-	-	-	-
A6.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A6.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A6.2.5. Inspect/use ground maintenance stands								-	-	-	-
A6.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A6.2.7. Defensive systems (DS) familiarization (on applicable aircraft)	*							-	-	-	-
A6.2.8. Statically ground aircraft								-	-	-	-
A6.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A6.2.10. Perform aircraft wash								-	-	-	-
A6.2.11. Aircraft Jacking											
A6.2.11.1. Jack aircraft								-	-	-	-
A6.2.11.2. Jacking supervisor								-	-	-	-
A6.2.11.3. Jacking team member								-	-	-	-
A6.2.12. Perform refuel/defuel team member duties								-	-	-	-
A6.2.13. Open and close engine cowling								-	-	-	-
A6.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A6.2.15. Use aircraft interphone system								-	-	-	-
A6.2.16. Perform aircraft marshaling procedures								-	-	-	-
A6.2.17. Tow aircraft											
A6.2.17.1. Perform wing/tail walker duties								-	-	-	-
A6.2.17.2. Perform wing/tail walker duties								-	-	-	-
A6.2.17.3. Brake Operator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.2.18 Kneel team member								-	-	-	-
A6.2.19. Ensure aircraft is safe for simulated airborne								-	-	-	-
A6.2.20. Perform proximity switch control covering/ uncovering								-	-	-	-
A6.2.21. Perform Inspections											
A6.2.21.1. Aircraft phase/ periodic/ISO								-	-	-	-
A6.2.21.2. Home Station Check (HSC) inspection								-	-	-	-
A6.2.21.3. Basic/postflight/ preflight/thruflight								-	-	-	-
A6.2.22.4. Operate crew entrance door								-	-	-	-
A6.2.23. Service											
A6.2.23.1. Liquid nitrogen system								-	-	-	-
A6.2.23.2. Liquid oxygen system (LOX)								-	-	-	-
A6.2.23.3. Aircraft struts with nitrogen								-	-	-	-
A6.2.23.4. Aircraft tires								-	-	-	-
A6.2.23.5. Aircraft engine oil								-	-	-	-
A6.2.23.6. Aircraft hydraulic reservoir								-	-	-	-
A6.2.23.7. Aircraft engine CSD								-	-	-	-
A6.2.23.8. Aircraft engine starter								-	-	-	-
A6.2.23.9. APU oil								-	-	-	-
A6.2.23.10. ATM oil								-	-	-	-
A6.2.23.11. Aircraft accumulator with nitrogen								-	-	-	-
A6.2.23.12. Aircraft slide/ ejection bottles								-	-	-	-
A6.2.23.13. Remove and install (R&I) engine fan stoppers/blockers								-	-	-	-
A6.2.23.14. Change MADAR Print Out Unit (POU) paper								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.3. COMMUNICATION SYSTEMS											
A6.3.1. Flight Interphone AN/AIC-18 TR: Applicable C-5 technical order											
A6.3.1.1. General system knowledge								-	-	-	-
A6.3.1.2. Perform operational check	*							-	-	-	-
A6.3.1.3. Remove and install Yoke/maintenance control wheel								-	-	-	-
A6.3.1.4. Troubleshoot to LRUs	*							-	-	-	-
A6.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A6.3.1.6. Intermediate Maintenance TR: Applicable technical data											
A6.3.1.6.1. Perform minimum system performance checks								-	-	-	-
A6.3.2. Public Address AN/AIC-13 TR: Applicable C-5 technical order											
A6.3.2.1. General system knowledge								-	-	-	-
A6.3.2.2. Perform operational check	*							-	-	-	-
A6.3.2.3. Troubleshoot to LRUs	*							-	-	-	-
A6.3.2.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.2.5. Intermediate Maintenance TR: Applicable technical data											
A6.3.2.5.1. Perform minimum system performance checks								-	-	-	-
A6.3.3. High Frequency (HF) Radio AN/ARC-190 TR: Applicable C-5tTechnical order											
A6.3.3.1. General system knowledge								-	-	-	-
A6.3.3.2. Perform operational check	*							-	-	-	-
A6.3.3.3. Remove and install Antenna								-	-	-	-
A6.3.3.4. Troubleshoot to LRUs	*							-	-	-	-
A6.3.3.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.3.4. Automatic Communications Processor CP-2024A/ARC-190 TR: Applicable C-5 technical order											
A6.3.4.1. General system knowledge								-	-	-	-
A6.3.4.2. Perform operational check								-	-	-	-
A6.3.4.3. Troubleshoot to LRUs								-	-	-	-
A6.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.5. Very High Frequency (VHF) AM/FM Radio AN/ARC-210 TR: Applicable C-5 technical order											
A6.3.5.1. General system knowledge								-	-	-	-
A6.3.5.2. Perform operational check											
A6.3.5.2.1. Normal	*							-	-	-	-
A6.3.5.2.2. Have Quick	*							-	-	-	-
A6.3.5.2.3. Secure								-	-	-	-
A6.3.5.3. Troubleshoot to LRUs	*							-	-	-	-
A6.3.5.4. Troubleshoot to other than LRUs								-	-	-	
A6.3.6. Ultra High Frequency (UHF) Radio System AN/ARC-164 TR: Applicable C-5 technical order											
A6.3.6.1. General system knowledge								-	-	-	-
A6.3.6.2. Perform operational check											
A6.3.6.2.1. Normal	*							-	-	-	-
A6.3.6.2.2. Have Quick	*							-	-	-	-
A6.3.6.3. Troubleshoot to LRUs	*							-	-	-	-
A6.3.6.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.7. L-Band Aero-C SATCOM TR: Applicable C-5 technical order											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.3.7.1. General system knowledge								-	-	-	-
A6.3.7.2. Perform operational check	*							-	-	-	-
A6.3.7.3. Troubleshoot to LRUs								-	-	-	-
A6.3.7.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.8. UHF Satellite Terminal System (USTS) TR: Applicable C-5 technical order											
A6.3.8.1. General system knowledge								-	-	-	-
A6.3.8.2. Perform operational check								-	-	-	-
A6.3.8.3. Troubleshoot to LRUs								-	-	-	-
A6.3.8.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.9. Emergency Locator Transmitters (ELT) PN 3000-5 TR: Applicable C-5 technical order											
A6.3.9.1. General system knowledge								-	-	-	-
A6.3.9.2. Perform operational check	*							-	-	-	-
A6.3.9.3. Remove and install Battery pack								-	-	-	-
A6.3.9.4. Troubleshoot to LRUs	*							-	-	-	-
A6.3.9.5. Troubleshoot to other than LRUs								-	-	-	-
A6.3.10. Underwater Locator/ Underwater Acoustical Beacon TR: Applicable C-5 technical order											
A6.3.10.1. General system knowledge								-	-	-	-
A6.3.10.2. Perform operational check								-	-	-	-
A6.3.10.3. Remove and install Battery								-	-	-	-
A6.3.10.4. Troubleshoot to LRUs								-	-	-	-
A6.3.11. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable technical data											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.3.11.1. Inspect								-	-	-	-
A6.3.11.2. Use								-	-	-	-
A6.3.11.3. Load								-	-	-	-
A6.3.12. Wideband Secure Voice (WBSV) KY-58 TR: Applicable C-5 technical order											
A6.3.12.1. General system knowledge								-	-	-	-
A6.3.12.2. Perform operational check	*							-	-	-	-
A6.3.12.3. Troubleshoot to LRUs								-	-	-	-
A6.3.12.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.13. Narrowband Secure Voice (NBSV) ANDVT TR: Applicable C-5 technical order											
A6.3.13.1. General system knowledge								-	-	-	-
A6.3.13.2. Perform operational check	*							-	-	-	-
A6.3.13.3. Troubleshoot to LRUs								-	-	-	-
A6.3.13.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.14. Cockpit Voice Recorder TR: Applicable C-5 technical Order											
A6.3.14.1. General system knowledge								-	-	-	-
A6.3.14.2. Perform operational check	*							-	-	-	-
A6.3.14.3. Troubleshoot to LRUs	*							-	-	-	-
A6.3.14.4. Troubleshoot to other than LRUs								-	-	-	-
A6.3.15. Static Dischargers TR: Applicable C-5 technical order											
A6.3.15.1. General system knowledge								-	-	-	-
A6.3.15.2. Perform operational check								-	-	-	-
A6.3.15.3. Remove and install Static discharger								-	-	-	-
A6.4. NAVIGATION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.4.1. Identification Friend or Foe (IFF) Transponders AN/APX-100 (V) TR: Applicable C-5 technical order											
A6.4.1.1. General system knowledge								-	-	-	-
A6.4.1.2. Perform operational check											
A6.4.1.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A6.4.1.2.2. Mode 4	*							-	-	-	-
A6.4.1.2.3. Mode S	*							-	-	-	-
A6.4.1.3. Troubleshoot to LRUs	*							-	-	-	-
A6.4.1.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.1.5. Intermediate Maintenance TR: Applicable C-5 maintenance data											
A6.4.1.5.1. Perform minimum system performance checks								-	-	-	-
A6.4.2. VOR/LOC AN/ARN-127, AN/ARN-147 Glideslope 51V-4A/ Marker Beacon ARN-32, 51Z-3/51Z-4 TR: Applicable C-5 technical orders											
A6.4.2.1. General system knowledge								-	-	-	-
A6.4.2.2. Perform operational check	*							-	-	-	-
A6.4.2.3. Troubleshoot to LRUs	*							-	-	-	-
A6.4.2.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.2.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.2.5.1. Perform minimum system performance checks								-	-	-	-
A6.4.3. Microwave Landing System (MLS) TR: Applicable C-5 technical order											
A6.4.3.1. General system knowledge								-	-	-	-
A6.4.3.2. Perform operational check								-	-	-	-
A6.4.3.3. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.4.3.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.4. Tactical Air Navigation (TACAN) I) AN/ARN-118 TR: Applicable C-5 technical order											
A6.4.4.1. General system knowledge								-	-	-	-
A6.4.4.2. Perform operational check	*							-	-	-	-
A6.4.4.3. Troubleshoot to LRUs	*							-	-	-	-
A6.4.4.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.4.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.4.5.1. Perform minimum performance check								-	-	-	-
A6.4.5. Inertial Navigation System (INS) TR: Applicable C-5 technical order											
A6.4.5.1. General system knowledge								-	-	-	-
A6.4.5.2. Perform operational check	*							-	-	-	-
A6.4.5.3. Troubleshoot to LRUs	*							-	-	-	-
A6.4.5.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.5.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.5.5.1. Perform minimum performance checks								-	-	-	-
A6.4.6. Global Positioning System FMS-800 TR: Applicable C-5 technical order											
A6.4.6.1. General system knowledge								-	-	-	-
A6.4.6.2. Perform operational check								-	-	-	-
A6.4.6.3. Troubleshoot to LRUs								-	-	-	-
A6.4.6.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.6.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.6.5.1. Perform minimum performance checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.4.7. Automatic Direction Finder (ADF) DF-206/203 TR: Applicable C-5 technical order											
A6.4.7.1. General system knowledge								-	-	-	-
A6.4.7.2. Perform operational check								-	-	-	-
A6.4.7.3. Troubleshoot to LRUs								-	-	-	-
A6.4.7.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.7.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.7.5.1. Perform minimum performance checks								-	-	-	-
A6.4.8. Station Keeping Equipment (SKE) TR: Applicable C-5 technical order											
A6.4.8.1. General system knowledge								-	-	-	-
A6.4.8.2. Perform operational check								-	-	-	-
A6.4.8.3. Troubleshoot to LRUs								-	-	-	-
A6.4.8.4. Troubleshoot to other than LRUs								-	-	-	-
A6.4.8.5. Intermediate Maintenance TR: Applicable technical data											
A6.4.8.5.1. Perform minimum performance checks								-	-	-	-
A6.4.9. Traffic Alert and Collision Avoidance System TR: Applicable C-5 technical order											
A6.4.9.1. General system knowledge								-	-	-	-
A6.4.9.2. Perform operational check								-	-	-	-
A6.4.9.3. Troubleshoot to LRUs								-	-	-	-
A6.4.9.4. Troubleshoot to other than LRUs								-	-	-	-
A.6.5. RADAR											
A6.5.1. Color Weather Radar TR: Applicable C-5 technical order											
A6.5.1.1. General system knowledge								-	-	-	-
A6.5.1.2. Perform operational check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.5.1.3. Remove and install (R&I) LRUs											
A6.5.1.3.1. Antenna	*							-	-	-	-
A6.5.1.3.2. Waveguide								-	-	-	-
A6.5.1.3.3. Desiccant crystals								-	-	-	-
A6.5.1.4. Troubleshoot to LRUs	*							-	-	-	-
A6.5.1.5. Troubleshoot to other than LRUs								-	-	-	-
A6.5.1.6. Intermediate Maintenance TR: Applicable technical data											
A6.5.1.6.1. Perform minimum performance checks								-	-	-	-
A6.5.2. Combined Altitude Radar Altimeter (CARA) AN/APN-232 TR: Applicable C-5 technical orders											
A6.5.2.1. General system knowledge								-	-	-	-
A6.5.2.2. Perform operational check	*							-	-	-	-
A6.5.2.3. Remove and install Antenna								-	-	-	-
A6.5.2.4. Troubleshoot to LRUs	*							-	-	-	-
A6.5.2.5. Troubleshoot to other than LRUs								-	-	-	-
A6.5.2.6. Intermediate Maintenance TR: Applicable technical data											
A6.5.2.6.1. Perform minimum performance checks								-	-	-	-
A6.6. MISSION SYSTEMS											
A6.6.1. Flight Management System FMS-800 TR: Applicable C-5 technical order											
A6.6.1.1. General system knowledge								-	-	-	-
A6.6.1.2. Operational system	*							-	-	-	-
A6.6.1.3. Remove and install Battery								-	-	-	-
A6.6.1.4. Update/load/operate software								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A6.6.1.5. Intermediate Maintenance TR: Applicable technical data											
A6.6.1.5.1. Perform minimum performance checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 7 - C-9 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-9 aircraft/systems. If C-9 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A7.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A7.1.1. Aircraft Familiarization											
A7.1.2. Aircraft safe for maintenance	*							-	-	-	-
A7.1.3. Select/use safetying devices								-	-	-	-
A7.1.4. Major structural areas								-	-	-	-
A7.1.5. Major systems								-	-	-	-
A7.1.6. Aircraft egress procedures	*							-	-	-	-
A7.1.7. Apply hydraulic power								-	-	-	-
A7.1.8. Passenger Loading Ramp								-	-	-	-
A7.1.9. Open/close radomes	*							-	-	-	-
A7.1.10. Launch/recover aircraft								-	-	-	-
A7.1.11. Perform aircraft phase/periodic/ISO								-	-	-	-
A7.1.12. Perform proximity switch control covering/ uncovering								-	-	-	-
A7.1.13. Apply power using											
A7.1.13.1. APU								-	-	-	-
A7.1.13.2. Generator set								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.2. GENERAL MAINTENANCE TASKS											
A7.2.1. Technical order familiarization	*							-	-	-	-
A7.2.2. Flightline safety/precautions/security	*							-	-	-	-
A7.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A7.2.4. Inspection/operation portable external electrical power unit	*							-	-	-	-
A7.2.5. Inspect/use ground maintenance stands	*							-	-	-	-
A7.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A7.2.7. Defensive systems (DS) familiarization (on applicable aircraft)								-	-	-	-
A7.2.8. Statically ground aircraft								-	-	-	-
A7.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A7.2.10. Perform aircraft wash								-	-	-	-
A7.2.11. Aircraft Jacking											
A7.2.11.1. Jack aircraft								-	-	-	-
A7.2.11.2. Jacking team member								-	-	-	-
A7.2.12. Perform refuel/defuel team member duties								-	-	-	-
A7.2.13. Open and close engine cowling								-	-	-	-
A7.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A7.2.15. Use aircraft interphone system								-	-	-	-
A7.2.16. Perform aircraft marshaling procedures								-	-	-	-
A7.2.17. Tow aircraft											
A7.2.17.1. Perform wing/tail walker duties								-	-	-	-
A7.2.17.2. Brake Operator								-	-	-	-
A7.3. COMMUNICATION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.3.1. Flight Interphone											
A7.3.1.1. General system knowledge								-	-	-	-
A7.3.1.2. Perform operational check	*							-	-	-	-
A7.3.1.3. Remove and install (R&I) Yoke/maintenance control switch								-	-	-	-
A7.3.1.4. Troubleshoot to LRUs	*							-	-	-	-
A7.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A7.3.2. Service Interphone/PA Handset											
A7.3.2.1. General system knowledge								-	-	-	-
A7.3.2.2. Perform operational check								-	-	-	-
A7.3.2.3. Troubleshoot to LRUs								-	-	-	-
A7.3.2.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.3. Audio Integrating System											
A7.3.3.1. General system knowledge								-	-	-	-
A7.3.3.2. Perform operational check	*							-	-	-	-
A7.3.3.3. Troubleshoot to LRUs	*							-	-	-	-
A7.3.3.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.4. Passenger Address 346D-1											
A7.3.4.1. General system knowledge								-	-	-	-
A7.3.4.2. Perform operational check	*							-	-	-	-
A7.3.4.3. Troubleshoot to LRUs	*							-	-	-	-
A7.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.5. Passenger Entertainment System											
A7.3.5.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.3.5.2. Perform operational check								-	-	-	-
A7.3.5.3. Troubleshoot to LRUs								-	-	-	-
A7.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.6. Electronic Chime											
A7.3.6.1. General system knowledge								-	-	-	-
A7.3.6.2. Perform operational check								-	-	-	-
A7.3.6.3. Troubleshoot to LRUs								-	-	-	-
A7.3.6.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.7. High Frequency (HF) Radio AN/ARC-190(V)											
A7.3.7.1. General system knowledge								-	-	-	-
A7.3.7.2. Perform operational check	*							-	-	-	-
A7.3.7.3. Remove and install (R&I)											
A7.3.7.3.1. Coupler								-	-	-	-
A7.3.7.3.2. Coupler mount								-	-	-	-
A7.3.7.3.3. HF coupler feed thru assembly								-	-	-	-
A7.3.7.3.4. Lightning arrestor								-	-	-	-
A7.3.7.4. Troubleshoot to LRUs	*							-	-	-	-
A7.3.7.5. Troubleshoot to other than LRUs								-	-	-	-
A7.3.8. Very High Frequency (VHF) AM/FM Radio 618M-3A											
A7.3.8.1. General system knowledge								-	-	-	-
A7.3.8.2. Perform operational check								-	-	-	-
A7.3.8.3. Troubleshoot to LRUs								-	-	-	-
A7.3.8.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.3.9. Ultra High Frequency (UHF) Radio System AN/ARC-164											
A7.3.9.1. General system knowledge								-	-	-	-
A7.3.9.2. Perform operational check											
A7.3.9.2.1. Normal	*							-	-	-	-
A7.3.9.2.2. Have Quick	*							-	-	-	-
A7.3.9.3. Troubleshoot to LRUs	*							-	-	-	-
A7.3.9.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.10. Cockpit Voice Recorder A-1005											
A7.3.10.1. General system knowledge								-	-	-	-
A7.3.10.2. Perform operational check								-	-	-	-
A7.3.10.3. Troubleshoot to LRUs								-	-	-	-
A7.3.10.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.11. Emergency Locator Transmitters (ELT) PN 3000-5, AN/URT-26											
A7.3.11.1. General system knowledge								-	-	-	-
A7.3.11.2. Perform operational check								-	-	-	-
A7.3.11.3. Troubleshoot to LRUs								-	-	-	-
A7.3.11.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.12. Underwater Acoustical Beacon (UAB)/ Underwater Locator Beacon											
A7.3.12.1. General system knowledge								-	-	-	-
A7.3.12.2. Perform operational check								-	-	-	-
A7.3.12.3. Troubleshoot to LRUs								-	-	-	-
A7.3.12.4. Troubleshoot to other than LRUs								-	-	-	-
A7.3.13. Static Discharging											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.3.13.1. General system knowledge								-	-	-	-
A7.3.13.2. Perform operational check								-	-	-	-
A7.3.13.3. Remove and install (R&I)											
A7.3.13.3.1. Static dischargers								-	-	-	-
A7.3.13.3.2. Static discharger retainer								-	-	-	-
A7.3.13.4. Troubleshoot to LRUs								-	-	-	-
A7.3.13.5. Troubleshoot to other than LRUs								-	-	-	-
A7.3.14. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable aircraft technical orders											
A7.3.14.1. Inspect								-	-	-	-
A7.3.14.2. Use								-	-	-	-
A7.3.14.3. Load								-	-	-	-
A7.4. NAVIGATION SYSTEMS											
A7.4.1. Radar Identification System											
A7.4.1.1. Identification Friend or Foe (IFF) Transponder AN/APX-100											
A7.4.1.1.1. General system knowledge								-	-	-	-
A7.4.1.1.2. Perform operational check											
A7.4.1.1.2.1. Mode 1, Mode2, Mode 3A, Mode C	*							-	-	-	-
A7.4.1.1.2.2. .Mode 4	*							-	-	-	-
A7.4.1.1.3. Troubleshoot to LRUs	*							-	-	-	-
A7.4.1.1.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.2. VHF Navigation System											
A7.4.2.1. VOR/LOC AN/ARN-17											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.4.2.1.1. General system knowledge								-	-	-	-
A7.4.2.1.2. Perform operational check								-	-	-	-
A7.4.2.1.3. Remove and install (R&I)											
A7.4.2.1.3.1. VOR antenna								-	-	-	-
A7.4.2.1.3.2. LOC antenna								-	-	-	-
A7.4.2.1.4. Troubleshoot to LRUs	*							-	-	-	-
A7.4.2.1.5. Troubleshoot to other than LRUs								-	-	-	-
A7.4.2.2. Glideslope system AN/ARN-17											
A7.4.2.2.1. General system knowledge								-	-	-	-
A7.4.2.2.2. Perform operational check								-	-	-	-
A7.4.2.2.3. Troubleshoot to LRUs								-	-	-	-
A7.4.2.2.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.2.3. Marker beacon system AN/ARN-17											
A7.4.2.3.1. Perform operational check								-	-	-	-
A7.4.2.3.2. Troubleshoot to LRUs								-	-	-	-
A7.4.2.3.3. Troubleshoot to other than LRUs								-	-	-	-
A7.4.3. Tactical Air Navigation AN/ARN-118(V)											
A7.4.3.1. General system knowledge								-	-	-	-
A7.4.3.2. Perform operational check								-	-	-	-
A7.4.3.3. Troubleshoot to LRUs								-	-	-	-
A7.4.3.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.4. Distance Measuring Equipment (DME) B60E-4											
A7.4.4.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.4.4.2. Perform operational check								-	-	-	-
A7.4.4.3. Troubleshoot to LRUs								-	-	-	-
A7.4.4.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.5. Inertial Navigation System (INS) LTN-92											
A7.4.5.1. General system knowledge								-	-	-	-
A7.4.5.2. Perform operational check	*							-	-	-	-
A7.4.5.3. Troubleshoot to LRUs	*							-	-	-	-
A7.4.6. Global Positioning System (GPS) FMS-800											
A7.4.6.1. General system knowledge								-	-	-	-
A7.4.6.2. Perform operational check								-	-	-	-
A7.4.6.3. Remove and install (R&I) battery								-	-	-	-
A7.4.6.4. Troubleshoot to LRUs	*							-	-	-	-
A7.4.6.5. Troubleshoot to other than LRUs								-	-	-	-
A7.4.7. Automatic Direction Finder (ADF) 51Y-4											
A7.4.7.1. General system knowledge								-	-	-	-
A7.4.7.2. Perform operational check								-	-	-	-
A7.4.7.3. Remove and install (R&I)											
A7.4.7.3.1. Sense antenna								-	-	-	-
A7.4.7.3.2. Loop antenna								-	-	-	-
A7.4.7.3.3. Troubleshoot to LRUs								-	-	-	-
A7.4.7.3.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.8. Traffic Alert and Collision Avoidance System (TCAS)											
A7.4.8.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A7.4.8.2. Perform operational check								-	-	-	-
A7.4.8.3. Remove and install (R&I) Antenna								-	-	-	-
A7.4.8.4. Troubleshoot to LRUs	*							-	-	-	-
A7.4.8.5. Troubleshoot to other than LRUs								-	-	-	-
A7.4.9. Color Weather Radar WXR-700X											
A7.4.9.1. General system knowledge								-	-	-	-
A7.4.9.2. Perform operational check	*							-	-	-	-
A7.4.9.3. Remove and install (R&I) Antenna	*							-	-	-	-
A7.4.9.4. Troubleshoot to LRUs	*							-	-	-	-
A7.4.9.5. Troubleshoot to other than LRUs								-	-	-	-
A7.4.10. Radio Altimeter ALA-51											
A7.4.10.1. General system knowledge								-	-	-	-
A7.4.10.2. Perform operational check	*							-	-	-	-
A7.4.10.3. Troubleshoot to LRUs	*							-	-	-	-
A7.4.10.4. Troubleshoot to other than LRUs								-	-	-	-
A7.4.11. Flight Management System FMS-800											
A7.4.11.1. General system knowledge								-	-	-	-
A7.4.11.2. Perform operational check								-	-	-	-
A7.4.11.3. Troubleshoot to LRUs	*							-	-	-	-
A7.4.11.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 8 - C-17 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-17 aircraft/systems. If C-17 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A8.1. GENERAL ORGANIZATIONAL MAINTENANCE TR: Applicable C-17 technical orders											
A8.1.1. Aircraft Familiarization											
A8.1.1.1. Aircraft safe for maintenance	*							-	-	-	-
A8.1.1.2. Select/use safetying devices								-	-	-	-
A8.1.1.3. Major structural areas								-	-	-	-
A8.1.1.4. Major systems								-	-	-	-
A8.1.1.5. Operate cargo doors								-	-	-	-
A8.1.1.6. Open/close nose radomes	*							-	-	-	-
A8.1.1.7. Open/close tail radomes	*							-	-	-	-
A8.1.1.8. Enter/exit vertical stabilizer								-	-	-	-
A8.1.1.9. Enter/exit horizontal stabilizer								-	-	-	-
A8.1.1.10. Aircraft egress procedures								-	-	-	-
A8.1.1.11. Underfloor tunnel entry procedures (power on/off)								-	-	-	-
A8.1.1.12. Launch/recover aircraft								-	-	-	-
A8.1.1.13. Perform aircraft phase/ periodic/ISO								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.1.1.14. Apply power using											
A8.1.1.14.1. APU								-	-	-	-
A8.1.1.14.2. Generator set								-	-	-	-
A8.2. GENERAL MAINTENANCE TASKS TR: Applicable C-17 technical orders											
A8.2.1. Technical order familiarization								-	-	-	-
A8.2.2. Flightline safety/ precautions/ security								-	-	-	-
A8.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A8.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A8.2.5. Inspect/use ground maintenance stands								-	-	-	-
A8.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A8.2.7. Defensive systems (DS) familiarization on applicable aircraft								-	-	-	-
A8.2.8. Statically ground aircraft								-	-	-	-
A8.2.9. Apply/disconnect external electrical power unit								-	-	-	-
A8.2.10. Perform aircraft wash								-	-	-	-
A8.2.11. Aircraft Jacking											
A8.2.11.1. Jack supervisor								-	-	-	-
A8.2.11.2. Jacking team member								-	-	-	-
A8.2.12. Perform refuel/defuel team member duties								-	-	-	-
A8.2.13. Open and close engine cowling								-	-	-	-
A8.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A8.2.15. Use aircraft interphone system								-	-	-	-
A8.2.16. Perform aircraft marshaling procedures								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.2.17. Tow aircraft											
A8.2.17.1. Perform wing/tail walker duties								-	-	-	-
A8.2.17.2. Brake Operator								-	-	-	-
A8.3. COMMUNICATION SYSTEMS TR: Applicable C-17 technical orders											
A8.3.1. Integrated Radio Management System (IRMS)											
A8.3.1.1. Perform operational check	*							-	-	-	-
A8.3.1.2. Remove and install (R&I) communication navigation controller								-	-	-	-
A8.3.1.3. Update/operate software upload								-	-	-	-
A8.3.1.4. Troubleshoot to LRUs	*							-	-	-	-
A8.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.2. Flight Interphone											
A8.3.2.1. General system knowledge								-	-	-	-
A8.3.2.2. Perform operational check	*							-	-	-	-
A8.3.2.3. Remove and install (R&I)											
A8.3.2.3.1. Control stick sensor assembly								-	-	-	-
A8.3.2.3.2. Nose wheel tiller switch								-	-	-	-
A8.3.2.4. Troubleshoot to LRUs	*							-	-	-	-
A8.3.2.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.3. Cargo Interphone											
A8.3.3.1. General system knowledge								-	-	-	-
A8.3.3.2. Perform operational check								-	-	-	-
A8.3.3.3. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.3.3.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.4. Maintenance Interphone											
A8.3.4.1. General system knowledge								-	-	-	-
A8.3.4.2. Perform operational check								-	-	-	-
A8.3.4.3. Troubleshoot to LRUs								-	-	-	-
A8.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.5. Wireless Communication and Control System AN/AIC-36											
A8.3.5.1. General system knowledge								-	-	-	-
A8.3.5.2. Perform operational check								-	-	-	-
A8.3.5.3. Troubleshoot to LRUs								-	-	-	-
A8.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.6. High Frequency (HF) Radio AN/ARC-190											
A8.3.6.1. General system knowledge								-	-	-	-
A8.3.6.2. Perform operational check								-	-	-	-
A8.3.6.3. Remove and install (R&I)											
A8.3.6.3.1. Antenna								-	-	-	-
A8.3.6.3.2. Feedline assembly								-	-	-	-
A8.3.6.4. Troubleshoot to LRUs								-	-	-	-
A8.3.6.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.7. Automatic Communications Processor CP-2024A/ARC-190											
A8.3.7.1. General system knowledge								-	-	-	-
A8.3.7.2. Perform operational check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.3.7.3. Troubleshoot to LRUs	*							-	-	-	-
A8.3.7.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.8. Very High Frequency (VHF) AM/FM Radio AN/ARC-186											
A8.3.8.1. General system knowledge								-	-	-	-
A8.3.8.2. Perform operational check								-	-	-	-
A8.3.8.3. Remove and install (R&I) Signal Data Converter								-	-	-	-
A8.3.8.4. Troubleshoot to LRUs								-	-	-	-
A8.3.8.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.9. Ultra High Frequency (UHF) Radio System AN/ARC-164											
A8.3.9.1. General system knowledge								-	-	-	-
A8.3.9.2. Perform operational check								-	-	-	-
A8.3.9.3. Troubleshoot to LRUs								-	-	-	-
A8.3.9.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.10. UHF Direction Finders (DF) DF-301E											
A8.3.10.1. General system knowledge								-	-	-	-
A8.3.10.2. Perform operational check								-	-	-	-
A8.3.10.3. Remove and install (R&I) Antenna								-	-	-	-
A8.3.10.4. Troubleshoot to LRUs								-	-	-	-
A8.3.10.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.11. Multimode Communications AN/ARC-210 TR: Applicable C-17 technical orders											
A8.3.11.1. General system knowledge								-	-	-	-
A8.3.11.2. Perform operational check											
A8.3.11.2.1. Normal	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.3.11.2.2. Have Quick	*							-	-	-	-
A8.3.11.2.3. Secure	*							-	-	-	-
A8.3.11.2.4. SATCOM	*							-	-	-	-
A8.3.11.3. Remove and install (R&I) Switching unit								-	-	-	-
A8.3.11.4. Troubleshoot to LRUs	*							-	-	-	-
A8.3.11.5. Troubleshoot to other than LRUs								-	-	-	-
A8.3.12. Narrowband Secure Voice (NBSV) ANDVT TR: Applicable C-17 technical orders											
A8.3.12.1. General system knowledge								-	-	-	-
A8.3.12.2. Perform operational check								-	-	-	-
A8.3.12.3. Troubleshoot to LRUs								-	-	-	-
A8.3.12.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.13. Cockpit Voice Recorder AN/ASH-35											
A8.3.13.1. General system knowledge								-	-	-	-
A8.3.13.2. Perform operational check								-	-	-	-
A8.3.13.3. Troubleshoot to LRUs								-	-	-	-
A8.3.13.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.14. Emergency Locator Transmitters (ELT) PN 3000-5											
A8.3.14.1. General system knowledge								-	-	-	-
A8.3.14.2. Perform operational check								-	-	-	-
A8.3.14.3. Remove and install (R&I) battery								-	-	-	-
A8.3.14.4. Troubleshoot to LRUs								-	-	-	-
A8.3.14.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.3.15. Underwater Acoustical Beacon (UAB)/ Underwater Locator Beacon DK-100											
A8.3.15.1. General system knowledge								-	-	-	-
A8.3.15.2. Perform operational check								-	-	-	-
A8.3.15.3. Troubleshoot to LRUs								-	-	-	-
A8.3.16. Central Aural Warning System											
A8.3.16.1. General system knowledge								-	-	-	-
A8.3.16.2. Perform operational check	*							-	-	-	-
A8.3.16.3. Troubleshoot to LRUs	*							-	-	-	-
A8.3.16.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.17. Public Address (PA)											
A8.3.17.1. General system knowledge								-	-	-	-
A8.3.17.2. Perform operational check								-	-	-	-
A8.3.17.3. Troubleshoot to LRUs								-	-	-	-
A8.3.17.4. Troubleshoot to other than LRUs								-	-	-	-
A8.3.18. Mission Computing/Electronic Display System (MC/EDS)											
A8.3.18.1. General system knowledge								-	-	-	-
A8.3.18.2. Perform operational check								-	-	-	-
A8.3.18.3. Troubleshoot to LRUs								-	-	-	-
A8.3.18.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4. NAVIGATION SYSTEMS TR: Applicable C-17 Technical Order											
A8.4.1. Identification Friend or Foe (IFF) Transponders AR/APX-100											
A8.4.1.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.4.1.2. Perform operational check											
A8.4.1.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A8.4.1.2.2. Mode 4	*							-	-	-	-
A8.4.1.2.3. Mode S	*							-	-	-	-
A8.4.1.3. Troubleshoot to LRUs	*							-	-	-	-
A8.4.1.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.2. VHF Navigation/Precision Landing System (VOR/ILS/MB/MLS)											
A8.4.2.1. General system knowledge								-	-	-	-
A8.4.2.2. Perform operational check								-	-	-	-
A8.4.2.3. Troubleshoot to LRUs								-	-	-	-
A8.4.2.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.3. Radar beacon (I-band)											
A8.4.3.1. General system knowledge								-	-	-	-
A8.4.3.2. Perform operational check								-	-	-	-
A8.4.3.3. Remove and install (R&I) Waveguide Assembly								-	-	-	-
A8.4.3.4. Troubleshoot to LRUs								-	-	-	-
A8.4.3.5. Troubleshoot to other than LRUs								-	-	-	-
A8.4.4. Distance Measuring Equipment (DME) ARINC-709											
A8.4.4.1. General system knowledge								-	-	-	-
A8.4.4.2. Perform operational check								-	-	-	-
A8.4.4.3. Troubleshoot to LRUs								-	-	-	-
A8.4.4.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.4.5. Tactical Air Navigation (TACAN) I) AN/APN-155											
A8.4.5.1. General system knowledge								-	-	-	-
A8.4.5.2. Perform operational check								-	-	-	-
A8.4.5.3. Troubleshoot to LRUs								-	-	-	-
A8.4.5.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.6. Inertial Navigation System (INS)											
A8.4.6.1. General system knowledge								-	-	-	-
A8.4.6.2. Perform operational check	*							-	-	-	-
A8.4.6.3. Troubleshoot to LRUs	*							-	-	-	-
A8.4.6.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.7. Global Positioning System AN/ARN-151											
A8.4.7.1. General system knowledge								-	-	-	-
A8.4.7.2. Perform operational check								-	-	-	-
A8.4.7.3. Remove and install (R&I)											
A8.4.7.3.1. GPS antenna controller								-	-	-	-
A8.4.7.3.2. Battery								-	-	-	-
A8.4.7.4. Troubleshoot to LRUs								-	-	-	-
A8.4.7.5. Troubleshoot to other than LRUs								-	-	-	-
A8.4.8. Low Frequency Automatic Direction Finder (ADF) DF-206A, AN/ARN-149											
A8.4.8.1. General system knowledge								-	-	-	-
A8.4.8.2. Perform operational check								-	-	-	-
A8.4.8.3. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.4.8.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.9. Station Keeping Equipment (SKE) AN/APN-243											
A8.4.9.1. General system knowledge								-	-	-	-
A8.4.9.2. Perform operational check								-	-	-	-
A8.4.9.3. Remove and install (R&I) antenna/pedestal								-	-	-	-
A8.4.9.4. Troubleshoot to LRUs								-	-	-	-
A8.4.9.5. Troubleshoot to other than LRUs								-	-	-	-
A8.4.10. Traffic Alert and Collision Avoidance System (TCAS)											
A8.4.10.1. General system knowledge								-	-	-	-
A8.4.10.2. Perform operational check	*							-	-	-	-
A8.4.10.3. Troubleshoot to LRUs	*							-	-	-	-
A8.4.10.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.11. Color Weather Radar AN/APS-133											
A8.4.11.1. General system knowledge								-	-	-	-
A8.4.11.2. Perform operational check	*							-	-	-	-
A8.4.11.3. Remove and install (R&I) Waveguide switching Unit								-	-	-	-
A8.4.11.4. Troubleshoot to LRUs	*							-	-	-	-
A8.4.11.5. Troubleshoot to other than LRUs								-	-	-	-
A8.4.12. Combined Attitude Radar Altimeter AN/APN-232											
A8.4.12.1. General system knowledge								-	-	-	-
A8.4.12.2. Perform operational check	*							-	-	-	-
A8.4.12.3. Remove and install (R&I) antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A8.4.12.4. Troubleshoot to LRUs	*							-	-	-	-
A8.4.12.5. Troubleshoot to other than LRUs								-	-	-	-
A8.4.13. Drogue Video											
A8.4.13.1. General system knowledge								-	-	-	-
A8.4.13.2. Perform operational check								-	-	-	-
A8.4.13.3. Troubleshoot to LRUs								-	-	-	-
A8.4.13.4. Troubleshoot to other than LRUs								-	-	-	-
A8.4.14. Agiles System											
A8.4.14.1. General system knowledge								-	-	-	-
A8.4.14.2. Perform operational check								-	-	-	-
A8.4.14.3. Remove and install (R&I)											
A8.4.14.3.1. Printer								-	-	-	-
A8.4.14.3.2. Portable Maintenance Aid								-	-	-	-
A8.4.14.3.3. Mount								-	-	-	-
A8.4.14.4. Troubleshoot to LRUs								-	-	-	-
A8.4.14.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC

ATTACHMENT 9 - C-130 Training Requirements

NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications.
NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime.
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.
NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC.
NOTE 5: Items coded in column 4A will be trained using C-130 aircraft/systems. If C-130 aircraft/systems are unavailable, representative systems from other aircraft may be used.
NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.

A9.1. GENERAL ORGANIZATION MAINTENANCE TR: Applicable C-130 technical orders											
A9.1.1. Aircraft Familiarization								-	-	-	-
A9.1.2. Aircraft safe for maintenance	*							-	-	-	-
A9.1.3. Select/use safetying devices								-	-	-	-
A9.1.4. Major structural areas								-	-	-	-
A9.1.5. Major systems								-	-	-	-
A9.1.6. Aircraft egress procedures								-	-	-	-
A9.2. GENERAL MAINTENANCE TASKS TR: Applicable C-130 technical orders											
A9.2.1. Technical order familiarization								-	-	-	-
A9.2.2. Flight line safety/ precautions/ security								-	-	-	-
A9.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A9.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A9.2.5. Inspect/use ground maintenance stands								-	-	-	-
A9.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A9.2.7. Defensive systems (DS) familiarization on applicable aircraft								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.2.8. Statically ground aircraft								-	-	-	-
A9.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A9.2.10. Perform aircraft wash								-	-	-	-
A9.2.11. Aircraft Jacking TR: Applicable C-130 technical orders											
A9.2.11.1. Jack aircraft								-	-	-	-
A9.2.11.2. Jacking supervisor								-	-	-	-
A9.2.11.3. Jacking team member								-	-	-	-
A9.2.12. Perform refuel/defuel team member duties								-	-	-	-
A9.2.13. Open and close engine cowling								-	-	-	-
A9.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A9.2.15. Perform aircraft marshaling procedures								-	-	-	-
A9.2.16. Tow aircraft TR: Applicable C-130 technical orders											
A9.2.16.1. Perform wing/tail walker duties								-	-	-	-
A9.2.16.2. Brake Operator								-	-	-	-
A9.2.17. Operate Cargo Doors								-	-	-	-
A9.2.18. Deactivate Cargo doors								-	-	-	-
A9.2.19. Open/close radomes	*							-	-	-	-
A9.2.20. Recover/Launch aircraft								-	-	-	-
A9.2.21. Defensive systems familiarization								-	-	-	-
A9.2.22. Perform aircraft inspection TR: Applicable C-130 technical orders											
A9.2.22.1. Phase/periodic/ISO								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.2.22.2. Home Station Check (HSC)								-	-	-	-
A9.2.22.3. Basic post-flight/pre-flight/thruflight								-	-	-	-
A9.2.23. Apply power using TR: Applicable C-130 technical orders											
A9.2.23.1. APU								-	-	-	-
A9.2.23.2. GTC								-	-	-	-
A9.2.23.3. Generator/Powered AGE								-	-	-	-
A9.3. COMMUNICATION SYSTEMS											
A9.3.1. Interphone AN/AIC-18A/25 TR: Applicable C-130 technical orders											
A9.3.1.1. General system knowledge								-	-	-	-
A9.3.1.2. Perform operational check	*							-	-	-	-
A9.3.1.3. Remove and install (R&I) yoke microphone switch								-	-	-	-
A9.3.1.4. Troubleshoot to LRUs	*							-	-	-	-
A9.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A9.3.1.6. Intermediate Maintenance TR: Applicable technical data											
A9.3.1.6.1. Perform minimum performance checks								-	-	-	-
A9.3.1.6.2.. Perform system alignments								-	-	-	-
A9.3.2. Public Address AN/AIC-13 TR: Applicable C-130 technical orders											
A9.3.2.1. General system knowledge								-	-	-	-
A9.3.2.2. Perform operational check								-	-	-	-
A9.3.2.3. Remove and install (R&I) Loudspeaker								-	-	-	-
A9.3.2.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.3.2.5. Troubleshoot to other than LRUs								-	-	-	-
A9.3.2.6. Intermediate Maintenance TR: Applicable technical data											
A9.3.2.6.1. Perform minimum performance checks								-	-	-	-
A9.3.2.6.2. Perform system alignments								-	-	-	-
A9.3.3. High Frequency (HF) Radio AN/ARC-190 TR: Applicable C-130 technical orders											
A9.3.3.1. General system knowledge								-	-	-	-
A9.3.3.2. Perform operational check	*							-	-	-	-
A9.3.3.3. Remove and install (R&I)											
A9.3.3.3.1. Coupler								-	-	-	-
A9.3.3.3.2. Long wire/probe/tailcone								-	-	-	-
A9.3.3.3.3. Coupler feedline assembly								-	-	-	-
A9.3.3.3.4. HF mast								-	-	-	-
A9.3.3.3.5. Lightning arrestor								-	-	-	-
A.9.3.3.4. Troubleshoot to LRUs	*							-	-	-	-
A9.3.3.5. Troubleshoot to other than LRUs								-	-	-	-
A9.3.3.6. Intermediate Maintenance TR: Applicable technical data											
A9.3.3.6.1. Perform minimum performance checks								-	-	-	-
A9.3.3.6.2. Perform system alignments								-	-	-	-
A9.3.4. Automatic Communications Processor CP-2024A/ARC-190 TR: Applicable C-130 technical orders											
A9.3.4.1. General system knowledge								-	-	-	-
A9.3.4.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.3.4.3. Troubleshoot to LRUs								-	-	-	-
A9.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.5. Very High Frequency (VHF) AM/FM Radio AN/ARC-186 TR: Applicable C-130 technical orders											
A9.3.5.1. General system knowledge								-	-	-	-
A9.3.5.2. Perform operational check								-	-	-	-
A9.3.5.3. Troubleshoot to LRUs								-	-	-	-
A9.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.5.5. Intermediate Maintenance TR: Applicable technical data											
A9.3.5.5. Perform minimum performance checks								-	-	-	-
A9.3.5.6. Perform system alignment								-	-	-	-
A9.3.6. VHF FM NONTAC AN/ARC-513 TR: Applicable C-130 technical orders											
A9.3.6.1. General system knowledge								-	-	-	-
A9.3.6.2. Perform operational check								-	-	-	-
A9.3.6.3. Troubleshoot to LRUs								-	-	-	-
A9.3.6.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.7. Ultra High Frequency (UHF) Radio System AN/ARC-164(V) TR: Applicable C-130 technical orders											
A9.3.7.1. General system knowledge								-	-	-	-
A9.3.7.2. Perform operational check	*							-	-	-	-
A9.3.7.3. Troubleshoot to LRUs	*							-	-	-	-
A9.3.7.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.3.7.5. Intermediate Maintenance TR: Applicable technical data											
A9.3.7.5.1. Perform minimum performance checks								-	-	-	-
A9.3.7.5.2. Perform system alignment								-	-	-	-
A9.3.8. Multipurpose Communications AN/ARC-210 TR: Applicable aircraft technical orders											
A9.3.8.1. General system knowledge								-	-	-	-
A9.3.8.2. Perform operational check											
A9.3.8.2.1. Normal	*/F							-	-	-	-
A9.3.8.2.2. Have Quick	*/F							-	-	-	-
A9.3.8.2.3. Secure								-	-	-	-
A9.3.8.2.4. SATCOM								-	-	-	-
A9.3.8.3. Troubleshoot to LRUs	*/F							-	-	-	-
A9.3.8.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.9. Airborne Integrated Terminal Group (AITG) AN/ARC-234/URC-133 SATCOM Group TR: Applicable C-130 technical orders											
A9.3.9.1. General system knowledge								-	-	-	-
A9.3.9.2. Perform operational check	*/F							-	-	-	-
A9.3.9.3. Troubleshoot to LRUs	*/F							-	-	-	-
A9.3.9.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.10. Satellite Communication AN/ARC-187/ AN/WSC-9 TR: Applicable C-130 technical orders											
A9.3.10.1. General system knowledge								-	-	-	-
A9.3.10.2. Perform operational check								-	-	-	-
A9.3.10.3. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.3.10.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.11. UHF Satellite Terminal System (USTS) TR: Applicable C-130 technical orders											
A9.3.11.1. General system knowledge								-	-	-	-
A9.3.11.2. Perform operational check								-	-	-	-
A9.3.11.3. Troubleshoot to LRUs								-	-	-	-
A9.3.11.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.12. Cockpit Voice Recorder AN/ASH-35/A-100A TR: Applicable C-130 technical orders											
A9.3.12.1. General system knowledge								-	-	-	-
A9.3.12.2. Perform operational check								-	-	-	-
A9.3.12.3. Troubleshoot to LRUs								-	-	-	-
A9.3.12.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.13. Emergency Locator Transmitter (ELT) PN 3000-8 TR: Applicable C-130 technical orders											
A9.3.13.1. General system knowledge								-	-	-	-
A9.3.13.2. Perform operational check								-	-	-	-
A9.3.13.3. Remove and install Battery pack								-	-	-	-
A9.3.13.4. Troubleshoot to LRUs								-	-	-	-
A9.3.13.5. Troubleshoot to other than LRUs								-	-	-	-
A9.3.14. Underwater Locator/ Underwater Acoustical Beacon TR: Applicable C-130 technical orders											
A9.3.14.1. General system knowledge								-	-	-	-
A9.3.14.2. Perform operational check								-	-	-	-
A9.3.14.3. Remove and install Battery								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.3.14.4. Troubleshoot to LRUs								-	-	-	-
A9.3.14.5. Troubleshoot to other than LRUs								-	-	-	-
A9.3.15. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable C-130 technical orders											
A9.3.15.1. Inspect								-	-	-	-
A9.3.15.2. Use								-	-	-	-
A9.3.15.3. Load								-	-	-	-
A9.3.16. Wideband Secure Voice KY-58 / KY-100 TR: Applicable C-130 technical orders											
A9.3.16.1. General system knowledge								-	-	-	-
A9.3.16.2. Perform operational check	*							-	-	-	-
A9.3.16.3. Troubleshoot to LRUs								-	-	-	-
A9.3.16.4. Troubleshoot to other than LRUs								-	-	-	-
A9.3.16.5. Intermediate Maintenance TR: Applicable technical data											
A9.3.16.5.1. Perform minimum performance checks								-	-	-	-
A9.3.16.5.2. Perform system alignments								-	-	-	-
A9.3.17. Narrowband Secure Voice ANDVT TR: Applicable C-130 technical orders											
A9.3.17.1. General system knowledge								-	-	-	-
A9.3.17.2. Perform operational check	*							-	-	-	-
A9.3.17.3. Troubleshoot to LRUs								-	-	-	-
A9.3.17.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4. NAVIGATION SYSTEMS											
A9.4.1. Radar Identification Systems TR: Applicable C-130 technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.1.1. General system knowledge								-	-	-	-
A9.4.1.2. Identification Friend or Foe (IFF) Transponders AN/APX-72/64 TR: Applicable C-130 technical orders											
A9.4.1.2.1. General system knowledge								-	-	-	-
A9.4.1.2.2. Perform operational check											
A9.4.1.2.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A9.4.1.2.2.2. Mode 4	*							-	-	-	-
A9.4.1.2.3. Troubleshoot to LRUs	*							-	-	-	-
A9.4.1.2.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.1.2.5. Intermediate Maintenance TR: Applicable technical data											
A9.4.1.2.5.1. Perform minimum performance checks								-	-	-	-
A9.4.1.2.5.2. Perform system alignments								-	-	-	-
A9.4.1.3. IFF Transponders AN/APX-100 TR: Applicable C-130 technical orders											
A9.4.1.3.1. General system knowledge								-	-	-	-
A9.4.1.3.2. Perform operational check											
A9.4.1.3.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A9.4.1.3.2.2. Mode 4	*							-	-	-	-
A9.4.1.3.2.3. Mode S	*							-	-	-	-
A9.4.1.3.3. Troubleshoot to LRUs	*							-	-	-	-
A9.4.1.3.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.1.3.5. Intermediate Maintenance TR: Applicable technical data											
A9.4.1.3.5.1 Perform minimum performance checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.1.3.5.2. Perform system alignments								-	-	-	-
A9.4.1.4. Rendezvous Interrogators AN/APX-76/65 TR: Applicable C-130 technical orders											
A9.4.1.4.1. General system knowledge								-	-	-	-
A9.4.1.4.2. Perform operational check								-	-	-	-
A9.4.1.4.3. Remove and install (R&I)											
A9.4.1.4.3.1. APX-65 Antenna								-	-	-	-
A9.4.1.4.3.2. APX-65 Antenna Rotator								-	-	-	-
A9.4.1.4.3.3. APX-65 Antenna Amplifier								-	-	-	-
A9.4.1.4.4. Troubleshoot to LRUs								-	-	-	-
A9.4.1.4.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.1.4.6. Perform minimum performance checks								-	-	-	-
A9.4.2. VHF Omni Range/Instrument Landing/Marker Beacon (VOR/ILS/MB) (AN/ARN-147) TR: Applicable C-130 technical orders											
A9.4.2.1. General system knowledge								-	-	-	-
A9.4.2.2. Perform operational check								-	-	-	-
A9.4.2.3. Remove and install (R&I) VOR antenna								-	-	-	-
A9.4.2.4. Troubleshoot to LRUs								-	-	-	-
A9.4.2.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.2.6. Intermediate Maintenance TR: 12R2-2ARN147-2											
A9.4.2.6.1. Perform minimum performance checks								-	-	-	-
A9.4.2.6.2. Perform system alignments								-	-	-	-
A9.4.3. Tactical Air Navigation (TACAN)/ (TACAN II) AN/ARN-118 TR: Applicable C-130 technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.3.1. General system knowledge								-	-	-	-
A9.4.3.2. Perform operational check								-	-	-	-
A9.4.3.3. Troubleshoot to LRUs								-	-	-	-
A9.4.3.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.3.5. Intermediate Maintenance TR: 12R5-2ARN118-2											
A9.4.3.5.1. Perform minimum performance checks								-	-	-	-
A9.4.3.5.2. Perform system alignments								-	-	-	-
A9.4.4. Self-Contained Navigation System (SCNS)/ Computer Aided Navigation System (CANS) TR: Applicable C-130 technical data											
A9.4.4.1. General system knowledge								-	-	-	-
A9.4.4.2. Operate system								-	-	-	-
A9.4.4.3. Perform operational check								-	-	-	-
A9.4.4.4. Perform interface check								-	-	-	-
A9.4.4.5. Update/load/operate software								-	-	-	-
A9.4.4.6. Troubleshoot to SCNS LRUs								-	-	-	-
A9.4.4.7. Troubleshoot to other than SCNS LRUs								-	-	-	-
A9.4.4.8. Intermediate Maintenance TR: Applicable technical data											
A9.4.4.8.1. Perform minimum performance checks								-	-	-	-
A9.4.5.9. SCNS GO/NO-GO check								-	-	-	-
A9.4.5. Inertial Navigation System (INS) TR: Applicable C-130 technical data											
A9.4.5.1. General system knowledge								-	-	-	-
A9.4.5.2. Perform operational check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.5.3. Troubleshoot to LRUs								-	-	-	-
A9.4.5.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.5.5. Intermediate Maintenance TR: Applicable INS system technical data											
A9.4.5.5.1. Perform minimum performance checks								-	-	-	-
A9.4.6. Global Positioning System AN/ARN-151 TR: Applicable C-130 technical orders											
A9.4.6.1. General system knowledge								-	-	-	-
A9.4.6.2. Perform operational check								-	-	-	-
A9.4.6.3. Remove and install (R&I) Antenna								-	-	-	-
A9.4.6.4. Troubleshoot to LRUs								-	-	-	-
A9.4.6.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.6.6. Intermediate Maintenance TR: 12R5-2ARN151 series technical orders											
A9.4.6.6.1. Perform Receiver Check								-	-	-	-
A9.4.6.6.2. Perform Antenna Electronics Check								-	-	-	-
A9.4.6.6.3. Perform CDU Check								-	-	-	-
A9.4.7. Automatic Direction Finder (ADF) DF-206/206A/DFA-73 TR: Applicable C-130 technical orders											
A9.4.7.1. General system knowledge								-	-	-	-
A9.4.7.2. Perform operational check								-	-	-	-
A9.4.7.3. Remove and install (R&I)											
A9.4.7.3.1. Sense antenna								-	-	-	-
A9.4.7.3.2. Tuning drive								-	-	-	-
A9.4.7.3.3. Receiver mount								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.7.4. Troubleshoot to LRUs								-	-	-	-
A9.4.7.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.7.6. Intermediate Maintenance TR: Applicable technical data											
A9.4.7.6.1. Perform minimum performance checks								-	-	-	-
A9.4.7.6.2. Perform system alignments								-	-	-	-
A9.4.8. Radio Compass System AN/ARN-6/ARA-19 TR: Applicable C-130 technical orders											
A9.4.8.1. General system knowledge								-	-	-	-
A9.4.8.2. Perform operational check								-	-	-	-
A9.4.8.3. Remove and install (R&I)											
A9.4.8.3.1. Loop antenna								-	-	-	-
A9.4.8.3.2. Sense antenna								-	-	-	-
A9.4.8.3.3. Tuning drive								-	-	-	-
A9.4.8.3.4. Receiver mount								-	-	-	-
A9.4.8.4. Troubleshoot to LRUs								-	-	-	-
A9.4.8.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.8.6. Intermediate Maintenance TR: 12R2-2ARN6-2											
A9.4.8.6.1. Perform minimum performance checks								-	-	-	-
A9.4.8.6.2. Perform system alignments								-	-	-	-
A9.4.9. UHF Direction Finders (DF) DF-301E, AN/ARA-50, AN/ARA-25 TR: Applicable C-130 technical orders											
A9.4.9.1. General system knowledge								-	-	-	-
A9.4.9.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.9.3. Troubleshoot to LRUs								-	-	-	-
A9.4.9.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.9.5. Intermediate Maintenance TR: Applicable technical data											
A9.4.9.5.1. Perform minimum performance checks								-	-	-	-
A9.4.9.5.2. Perform system alignments								-	-	-	-
A9.4.10. Doppler AN/APN-218/147 TR: Applicable C-130 technical orders											
A9.4.10.1. General system knowledge								-	-	-	-
A9.4.10.2. Perform operational check								-	-	-	-
A9.4.10.3. Remove and install (R&I)											
A9.4.10.3.1. Doppler velocity sensor								-	-	-	-
A9.4.10.3.2. GSDI/GSDAI								-	-	-	-
A9.4.10.4. Troubleshoot to LRUs								-	-	-	-
A9.4.10.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.10.6. Intermediate Maintenance TR: 12P5-2APN118-2											
A9.4.10.6.1. Perform minimum performance checks								-	-	-	-
A9.4.10.6.2. Perform system alignments								-	-	-	-
A9.4.11. Doppler Computer System AN/ASN-35 TR: Applicable C-130 technical orders											
A9.4.11.1. General system knowledge								-	-	-	-
A9.4.11.2. Perform operational check								-	-	-	-
A9.4.11.3. Troubleshoot to LRUs								-	-	-	-
A9.4.11.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.12. Traffic Alert and Collision Avoidance System TR: Applicable C-130 technical orders											
A9.4.12.1. General system knowledge								-	-	-	-
A9.4.12.2. Perform operational check								-	-	-	-
A9.4.12.3. Troubleshoot to LRUs								-	-	-	-
A9.4.12.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.13. Station Keeping Equipment (SKE) AN/APN-169C(V) TR: Applicable C-130 technical orders											
A.9.4.13.1. General system knowledge								-	-	-	-
A9.4.13.2. Perform operational check								-	-	-	-
A9.4.13.3. Remove and install (R&I)											
A9.4.13.3.1. Omni directional antenna								-	-	-	-
A9.4.13.3.2. Pedestal								-	-	-	-
A9.4.13.3.3. Radome								-	-	-	-
A9.4.13.4. Troubleshoot to LRUs								-	-	-	-
A9.4.13.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.13.6. Intermediate Maintenance TR: Applicable technical data											
A9.4.13.6.1. Perform minimum performance checks								-	-	-	-
A9.4.13.6.2. Perform system alignments								-	-	-	-
A9.4.14. Microwave Landing System ARN-152 TR: Applicable C-130 technical orders											
A9.4.14.1. General system knowledge								-	-	-	-
A9.4.14.2. Perform operational check								-	-	-	-
A9.4.14.3. Remove and install (R&I) LRUs											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.14.3.1. Splitters								-	-	-	-
A9.4.14.3.2. Omni directional antenna								-	-	-	-
A9.4.14.3.3. Forward directional antenna								-	-	-	-
A9.4.14.3.4. Antenna preamp								-	-	-	-
A9.4.14.4. Troubleshoot to LRUs								-	-	-	-
A9.4.14.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.15. NAV Select Panel TR: Applicable C-130 technical orders											
A9.4.15.1. General system knowledge								-	-	-	-
A9.4.15.2. Perform operational check								-	-	-	-
A9.4.15.3. Troubleshoot to LRUs								-	-	-	-
A9.4.15.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.16. Search and Weather Radar APN-59 TR: Applicable C-130 technical orders											
A9.4.16.1. General system knowledge								-	-	-	-
A9.4.16.2. Perform operational check	*							-	-	-	-
A9.4.16.3. Remove and install (R&I)											
A9.4.16.3.1. Receiver/Transmitter								-	-	-	-
A9.4.16.3.2. Antenna								-	-	-	-
A9.4.16.3.3. Displays								-	-	-	-
A9.4.16.3.4. Digital Scan Converters								-			
A9.4.16.3.5. Electronic Control Amplifier								-	-	-	-
A9.4.16.3.6. Stabilization Unit								-	-	-	-
A9.4.16.3.7. Waveguides								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.16.3.8. Radar Set Control								-			
A9.4.16.4. Troubleshoot to LRUs								-	-	-	-
A9.4.16.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.16.6. Intermediate Maintenance TR: 12P5-2APN59-32											
A9.4.16.6.1. Perform minimum performance checks								-	-	-	-
A9.4.16.6.2. Perform system alignments								-	-	-	-
A9.4.17. Radar Altimeter AN/APN-232/171 TR: Applicable C-130 technical orders											
A9.4.17.1. General system knowledge								-	-	-	-
A9.4.17.2. Perform operational check	*							-	-	-	-
A9.4.17.3. Troubleshoot to LRUs								-	-	-	-
A9.4.17.4. Troubleshoot to other than LRUs								-	-	-	-
A9.4.17.5. Intermediate Maintenance TR: Applicable technical data											
A9.4.17.5.1. Perform minimum performance checks								-	-	-	-
A9.4.17.5.2. Perform system alignments								-	-	-	-
A9.4.18. Low Power Color Radar AN/APN-241 TR: Applicable C-130 technical orders											
A9.4.18.1. General system knowledge								-	-	-	-
A9.4.18.2. Perform operational check								-	-	-	-
A9.4.18.3. Remove and install (R&I) Antenna								-	-	-	-
A9.4.18.4. Troubleshoot to LRUs								-	-	-	-
A9.4.18.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.19. Adverse Weather Aerial Delivery System APQ-175 TR: Applicable C-130 technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.19.1. General system knowledge								-	-	-	-
A9.4.19.2. Perform operational check	*/E							-	-	-	-
A9.4.19.3. Remove and install (R&I)											
A9.4.19.3.1. X-band receiver transmitter								-	-	-	-
A9.4.19.3.2. Ka receiver transmitter								-	-	-	-
A9.4.19.3.3. Antenna								-	-	-	-
A9.4.19.4. Troubleshoot to LRUs	*/E							-	-	-	-
A9.4.19.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.19.6. Intermediate Maintenance TR: Applicable technical data											
A9.4.19.6.1. Perform minimum performance checks								-	-	-	-
A9.4.19.6.2. Perform system alignments								-	-	-	-
A9.4.20. Radar Pressurizing System ASQ-14 TR: Applicable C-130 technical orders											
A9.4.20.1. General system knowledge								-	-	-	-
A9.4.20.2. Perform operational check								-	-	-	-
A9.4.20.3. Remove and install (R&I)											
A9.4.20.3.1. Air compressor								-	-	-	-
A9.4.20.3.2. Pressure switch								-	-	-	-
A9.4.20.3.3. Dehydrator								-	-	-	-
A9.4.20.3.4. Dehydrator desiccant								-	-	-	-
A9.4.20.4. Troubleshoot to LRUs								-	-	-	-
A9.4.20.5. Troubleshoot to other than LRUs								-	-	-	-
A9.4.20.6. Intermediate Maintenance TR: Applicable technical data											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.4.20.6.1. Perform minimum performance checks								-	-	-	-
A9.4.21. Radar Ka Pressurization TR: Applicable C-130 technical orders											
A9.4.21.1. General system knowledge								-	-	-	-
A9.4.21.2. Perform operational check								-	-	-	-
A9.4.21.3. Remove and install (R&I) Freon bottles								-	-	-	-
A9.4.21.4. Troubleshoot to LRUs								-	-	-	-
A9.4.21.5. Troubleshoot to other than LRUs								-	-	-	-
A9.5. MISSION SYSTEMS											
A9.5.1. Joint Airborne Communication Center/ Command Post (JACC/CP) TR: Applicable technical data											
A9.5.1.1. General system knowledge								-	-	-	-
A9.5.1.2. Perform operational check								-	-	-	-
A9.5.1.3. Troubleshoot to LRUs								-	-	-	-
A9.5.1.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.2. EC-130H Special Systems											
A9.5.2.1. Selective Interphone UIC –7 TR: Applicable technical data											
A9.5.2.1.1. General system knowledge								-	-	-	-
A9.5.2.1.2. Apply special systems power								-	-	-	-
A9.5.2.1.3. Perform operational check								-	-	-	-
A9.5.2.1.4. Troubleshoot to LRUs								-	-	-	-
A9.5.2.1.5. Troubleshoot to other than LRUs								-	-	-	-
A9.5.2.1.6. Remove and install (R&I) Line Replaceable Modules								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.2.2. Tactical Information Broadcast System (TIBS) TR: Applicable technical data											
A9.5.2.2.1. General system knowledge								-	-	-	-
A9.5.2.2.2. Perform operational check								-	-	-	-
A9.5.2.2.3. Troubleshoot to LRUs								-	-	-	-
A9.5.2.2.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.2.3. Mission Radio / Interphone System TR: Applicable technical data											
A9.5.2.3.1. General system knowledge								-	-	-	-
A9.5.2.3.2. Perform operational check								-	-	-	-
A9.5.2.3.3. Troubleshoot to LRUs								-	-	-	-
A9.5.2.3.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.2.4. Radar Transponder SST-181 TR: Applicable C-130 technical orders											
A9.5.2.4.1. General system knowledge								-	-	-	-
A9.5.2.4.2. Perform operational check								-	-	-	-
A9.5.2.4.3. Troubleshoot to LRUs								-	-	-	-
A9.5.2.4.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.3. SCATHE VIEW TR: FZM-771-0023, Applicable Manufacturer's Manuals											
A9.5.3.1. General System Knowledge								-	-	-	-
A9.5.3.2. Pallet Loading/Unloading											
A9.5.3.2.1. Team Chief								-	-	-	-
A9.5.3.2.2. Team Member								-	-	-	-
A9.5.3.2.3. Connect/disconnect sensor operator pallet								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.3.2.4. Inspect and perform initial power up								-	-	-	-
A9.5.3.3. SATCOM Subsystem											
A9.5.3.3.1. General System knowledge								-	-	-	-
A9.5.3.3.2. Perform operational check								-	-	-	-
A9.5.3.3.3. Troubleshoot to LRUs								-	-	-	-
A9.5.3.3.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.3.3.5. Remove and install (R&I) hatch mount antenna								-	-	-	-
A9.5.3.4. Interphone Subsystem											
A9.5.3.4.1. General system knowledge								-	-	-	-
A9.5.3.4.2. Perform operational check								-	-	-	-
A9.5.3.4.3. Troubleshoot to LRUs								-	-	-	-
A9.5.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.3.5. Sensor Subsystem											
A9.5.3.5.1. General system knowledge								-	-	-	-
A9.5.3.5.2. Perform operational check								-	-	-	-
A9.5.3.5.3. Troubleshoot to LRUs								-	-	-	-
A9.5.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A9.5.3.5.5. Remove and install (R&I) sensor turret and fairing								-	-	-	-
A9.5.3.5.6. Sensor turret maintenance											
A9.5.3.5.6.1. Perform basic window cleaning								-	-	-	-
A9.5.3.5.6.2. Perform desiccant change								-	-	-	-
A9.5.3.5.6.3. Perform nitrogen purge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4. HC/MC130 (CSAR) Infrared Systems											
A9.5.4.1. AAQ-22 FLIR TR: Applicable -2 Series technical orders, Manufacturer's Manuals											
A9.5.4.1.1. General System Knowledge								-	-	-	-
A9.5.4.1.2. Perform operational check								-	-	-	-
A9.5.4.1.3. Remove and install (R&I)											
A9.5.4.1.3.1. System Control Unit								-	-	-	-
A9.5.4.1.3.2. Turret FLIR Unit								-	-	-	-
A9.5.4.1.3.3. Display Unit								-	-	-	-
A9.5.4.1.3.4. System Electronic Unit								-	-	-	-
A9.5.4.1.3.5. Display Electronic Unit								-	-	-	-
A9.5.4.1.3.6. Multi-Function Display Unit								-	-	-	-
A9.5.4.1.3.7. Video Unit								-	-	-	-
A9.5.4.1.4. Troubleshoot to LRUs								-	-	-	-
A9.5.4.1.5. Troubleshoot to other than LRUs								-	-	-	-
A9.5.4.1.6. Intermediate Maintenance TR: Applicable technical data											
A9.5.4.1.6.1. Perform system operational check											
A9.5.4.1.6.1.1. TFU								-	-	-	-
A9.5.4.1.6.1.2. Receiver								-	-	-	-
A9.5.4.1.6.1.3. Heat Exchanger								-	-	-	-
A9.5.4.1.6.1.4. Afocal								-	-	-	-
A9.5.4.1.6.1.5. Camera Head								-	-	-	-
A9.5.4.1.6.1.6. Scanner/Phase Shift Lens								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4.1.6.1.7. Evaluation Torquer								-	-	-	-
A9.5.4.1.6.1.8. Final Modulation								-	-	-	-
A9.5.4.1.6.1.9. MRT								-	-	-	-
A9.5.4.1.6.2. Remove and install (R&I)											
A9.5.4.1.6.2.1. DEU								-	-	-	-
A9.5.4.1.6.2.2. SEU								-	-	-	-
A9.5.4.1.6.2.3. MFCU								-	-	-	-
A9.5.4.1.6.2.4. Display Unit								-	-	-	-
A9.5.4.1.6.2.5. Video Unit								-	-	-	-
A9.5.4.1.6.3. Perform alignments TR: Applicable technical data											
A9.5.4.1.6.3.1. Scanner								-	-	-	-
A9.5.4.1.6.3.2. Video Aux Control								-	-	-	-
A9.5.4.1.6.3.3. Imager								-	-	-	-
A9.5.4.1.6.3.4. Detector Dewar Focus								-	-	-	-
A9.5.4.1.6.3.5. Detector Dewar Focus (IRAU)								-	-	-	-
A9.5.4.1.6.3.6. Repeatable Point								-	-	-	-
A9.5.4.1.6.3.7. Camera Assembly								-	-	-	-
A9.5.4.1.6.3.8. Gain Balance								-	-	-	-
A9.5.4.1.6.3.9. Retical								-	-	-	-
A9.5.4.1.6.3.10. Track FOV Focus								-	-	-	-
A9.5.4.1.6.3.11. Camera Assembly Focus								-	-	-	-
A9.5.4.1.6.3.12. Camera Head Assembly								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4.1.6.3.13. Elevation Resolver								-	-	-	-
A9.5.4.1.6.3.14. Elevation Synchro								-	-	-	-
A9.5.4.1.6.3.15. Elevation Tach Generator								-	-	-	-
A9.5.4.1.6.3.16. Elevation Resolver Backlash								-	-	-	-
A9.5.4.1.6.3.17. Gimbal								-	-	-	-
A9.5.4.1.6.3.18. Azimuth Synchro								-	-	-	-
A9.5.4.1.6.3.19. Afocal Assembly Field of View								-	-	-	-
A9.5.4.1.6.4. Perform Leak Test/Purging								-	-	-	-
A9.5.4.1.7. Power Supply											
A9.5.4.1.7.1. Perform/Functional Check								-	-	-	-
A9.5.4.1.7.2. Remove and install (R&I)								-	-	-	-
A9.5.4.1.7.3. Perform alignments								-	-	-	-
A9.5.4.1.8. Electronic Control Amplifier											
A9.5.4.1.8.1. Perform functional check								-	-	-	-
A9.5.4.1.8.2. Remove and install (R&I)								-	-	-	-
A9.5.4.1.8.3. Perform alignments								-	-	-	-
A9.5.4.1.9. Infrared Control System											
A9.5.4.1.9.1. Perform functional check								-	-	-	-
A9.5.4.1.9.2. Remove and install (R&I)								-	-	-	-
A9.5.4.1.9.3. Perform alignment								-	-	-	-
A9.5.4.1.10. Infrared Mount Base											
A9.5.4.1.10.1. Perform functional check								-	-	-	-
A9.5.4.1.10.2. Remove and install (R&I)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4.2. AAQ-17 Infrared System TR: Applicable technical data											
A9.5.4.2.1. General System Knowledge								-	-	-	-
A9.5.4.2.2. Perform operational checks								-	-	-	-
A9.5.4.2.3. Remove and install (R&I)											
A9.5.4.2.3.1. Infrared Receiver								-	-	-	-
A9.5.4.2.3.2. Control Converter								-	-	-	-
A9.5.4.2.3.3. IR Set Control								-	-	-	-
A9.5.4.2.3.4. Gimbal Position Control Unit								-	-	-	-
A9.5.4.2.3.5. Monitors								-	-	-	-
A9.5.4.2.3.6. Close Out Panel								-	-	-	-
A9.5.4.2.4. Load Boresight Values								-	-	-	-
A9.5.4.2.5. Perform Set Defaults								-	-	-	-
A9.5.4.2.6. Aircraft Avionics System Integration								-	-	-	-
A9.5.4.2.7. Intermediate Maintenance TR: 11F1-AAQ17-2, -12, -22, -32)											
A9.5.4.2.7.1. Description								-	-	-	-
A9.5.4.2.7.2. Theory of Operation								-	-	-	-
A9.5.4.2.7.3. Perform minimum performance checks using:											
A9.5.4.2.7.3.1. AAM-78 Test Set								-	-	-	-
A9.5.4.2.7.3.2. AAM-79 Test Set								-	-	-	-
A9.5.4.3. Infrared Receiver											
A9.5.4.3.1. Description								-	-	-	-
A9.5.4.3.2. Theory of Operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4.3.3. Perform functional check using AAM-78 test set								-	-	-	-
A9.5.4.3.4. Perform alignments using AAM-78 Test Set											
A9.5.4.3.4.1. Scan and interlace CCA								-	-	-	-
A9.5.4.3.4.2. Video aux control CCA								-	-	-	-
A9.5.4.3.4.3. Camera head								-	-	-	-
A9.5.4.3.4.4. Camera head (IRAU)								-	-	-	-
A9.5.4.3.4.5. Detector dewar								-	-	-	-
A9.5.4.3.4.6. Imager drive								-	-	-	-
A9.5.4.3.4.7. Gain balance								-	-	-	-
A9.5.4.3.4.8. Gain balance (IRAU)								-	-	-	-
A9.5.4.3.4.9. Reticle condenser								-	-	-	-
A9.5.4.3.4.10. Afocal								-	-	-	-
A9.5.4.3.4.11. Gyro capture loop CCA								-	-	-	-
A9.5.4.3.4.12. Boresight resolver demodulator								-	-	-	-
A9.5.4.3.5. Perform alignments using AAM-79 Portable Test Set											
A9.5.4.3.5.1. Scan and Interlace CCA								-	-	-	-
A9.5.4.3.5.2. Video aux control CCA								-	-	-	-
A9.5.4.3.5.3. Camera head								-	-	-	-
A9.5.4.3.5.4. Camera head (IRAU)								-	-	-	-
A9.5.4.3.5.5. Detector dewar								-	-	-	-
A9.5.4.3.5.6. Imager drive								-	-	-	-
A9.5.4.2.5.7. Gain balance								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A9.5.4.3.5.8. Gain balance (IRAU)								-	-	-	-
A9.5.4.3.5.9. Reticle condenser								-	-	-	-
A9.5.4.3.5.10. Afocal								-	-	-	-
A9.5.4.3.5.11. Gyro capture loop CCA								-	-	-	-
A9.5.4.3.5.12. Boresight resolver demodulator CCA								-	-	-	-
A9.5.4.3.6. Remove and Install (R&I) SRUs								-	-	-	-
A9.5.4.4. Control Converter											
A9.5.4.4.1. Perform minimum performance checks using AAM-78 test set								-	-	-	-
A9.5.4.4.2. Remove and Install (R&I) SRUs								-	-	-	-
A9.5.4.5. Gimbal Position Control Unit (GPCU)											
A9.5.4.5.1. Perform functional check								-	-	-	-
A9.5.4.5.2. Remove and Install (R&I) SRUs								-	-	-	-
A9.5.4.5.3. Perform alignments								-	-	-	-
A9.5.4.6. Infrared Set Control											
A9.5.4.6.1. Perform functional check								-	-	-	-
A9.5.4.6.2. Remove and Install (R&I) SRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 10 - C-130JTraining Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-130J aircraft/systems. If C-130J aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A10.1. GENERAL ORGANIZATION MAINTENANCE TR: Applicable C-130J technical orders											
A10.1.1. Aircraft Familiarization								-	-	-	-
A10.1.2. Aircraft safe for maintenance	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.1.3. Select/use safetying devices								-	-	-	-
A10.1.4. Major structural areas								-	-	-	-
A10.1.5. Major systems								-	-	-	-
A10.1.6. Aircraft egress procedures								-	-	-	-
A10.2. GENERAL MAINTENANCE TASKS TR: Applicable C-130J technical orders											
A10.2.1. Technical order familiarization								-	-	-	-
A10.2.2. Flight line safety/ precautions/ security								-	-	-	-
A10.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A10.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A10.2.5. Inspect/use ground maintenance stands								-	-	-	-
A10.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A10.2.7. Defensive systems (DS) familiarization on applicable aircraft								-	-	-	-
A10.2.8. Statically ground aircraft								-	-	-	-
A10.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A10.2.10. Perform aircraft wash								-	-	-	-
A10.2.11. Operate Portable Maintenance Aide (PMA)	*							-	-	-	-
A10.2.12. Aircraft Jacking TR: Applicable C-130J technical orders											
A10.2.12.1. Jack aircraft								-	-	-	-
A10.2.12.2. Jacking supervisor								-	-	-	-
A10.2.12.3. Jacking team member								-	-	-	-
A10.2.13. Perform refuel/defuel team member duties								-	-	-	-
A10.2.14. Open and close engine cowling								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.2.15. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A10.2.16. Perform aircraft marshaling procedures								-	-	-	-
A10.2.17. Tow aircraft TR: Applicable C-130J technical orders											
A10.2.17.1. Perform wing/tail walker duties								-	-	-	-
A10.2.17.2. Brake Operator								-	-	-	-
A10.2.18. Operate cargo doors								-	-	-	-
A10.2.19. Deactivate cargo doors								-	-	-	-
A10.2.20. Open/close radomes	*							-	-	-	-
A10.2.21. Recover/Launch aircraft								-	-	-	-
A10.2.22. Perform aircraft inspections TR: Applicable C-130J technical orders											
A10.2.22.1. Phase/periodic/ISO								-	-	-	-
A10.2.22.2. Home Station Check (HSC)								-	-	-	-
A10.2.22.3. Basic post-flight/pre-flight/thruflight								-	-	-	-
A10.2.23. Apply power TR: Applicable C-130J technical orders											
A10.2.23.1. APU								-	-	-	-
A10.2.23.3. Generator/Powered AGE								-	-	-	-
A10.3. COMMUNICATION SYSTEMS											
A10.3.1. Audio Integration System (Intercom) TR: Applicable C-130J technical orders											
A10.3.1.1. General system knowledge								-	-	-	-
A10.3.1.2. Perform operational check	*							-	-	-	-
A10.3.1.3. Remove and Install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.3.1.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.2. Public Address System TR: Applicable C-130J technical orders											
A10.3.2.1. General system knowledge								-	-	-	-
A10.3.2.2. Perform operational check								-	-	-	-
A10.3.2.3. Remove and install (R&I) LRUs								-	-	-	-
A10.3.2.4. Troubleshoot to LRUs								-	-	-	-
A10.3.2.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.3. High Frequency (HF) Radio AN/ARC-190 TR: Applicable C-130J technical orders											
A10.3.3.1. General system knowledge								-	-	-	-
A10.3.3.2. Perform operational check	*							-	-	-	-
A10.3.3.3. LRUs	*							-	-	-	-
A.10.3.3.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.3.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.3.6. Intermediate Maintenance											
A10.3.3.6.1. Perform minimum performance checks								-	-	-	-
A10.3.3.6.2. Perform system alignments								-	-	-	-
A10.3.4. Very High Frequency (VHF) AM/FM Radio AN/ARC-222 TR: Applicable C-130J technical orders											
A10.3.4.1. General system knowledge								-	-	-	-
A10.3.4.2. Perform operational check	*							-	-	-	-
A10.3.4.3. Remove and install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.3.4.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.4.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.4.6. Intermediate Maintenance											
A10.3.4.6.1. Perform minimum performance checks								-	-	-	-
A10.3.4.6.2. Perform System alignments								-	-	-	-
A10.3.5. Ultra High Frequency (UHF) Radio System AN/ARC-164 TR: Applicable C-130J technical orders											
A10.3.5.1. General system knowledge								-	-	-	-
A10.3.5.2. Perform operational check	*							-	-	-	-
A10.3.5.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.3.5.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.5.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.5.6. Intermediate Maintenance											
A10.3.5.6.1. Perform minimum performance checks								-	-	-	-
A10.3.5.6.2. Perform system alignment								-	-	-	-
A10.3.6. VHF/UHF Get Home Control Panel System TR: Applicable C-130J technical orders											
A10.3.6.1. General system knowledge								-	-	-	-
A10.3.6.2. Perform operational check	*							-	-	-	-
A10.3.6.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.3.6.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.6.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.7. UHF Satellite Terminal System (USTS) TR: Applicable C-130J technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.3.7.1. General system knowledge								-	-	-	-
A10.3.7.2. Perform operational check								-	-	-	-
A10.3.7.3. Troubleshoot to LRUs								-	-	-	-
A10.3.7.4. Troubleshoot to other than LRUs								-	-	-	-
A10.3.8. Cockpit Voice Recorder TR: Applicable C-130J technical orders											
A10.3.8.1. General system knowledge								-	-	-	-
A10.3.8.2. Perform operational check	*							-	-	-	-
A10.3.8.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.3.8.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.8.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.9. Emergency Locator Transmitter (ELT) TR: Applicable C-130J technical orders											
A10.3.9.1. General system knowledge								-	-	-	-
A10.3.9.2. Perform operational check	*							-	-	-	-
A10.3.9.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.3.9.4. Troubleshoot to LRUs	*							-	-	-	-
A10.3.9.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.10. Underwater Locator/Underwater Acoustical Beacon TR: Applicable C-130J technical orders											
A10.3.10.1. General system knowledge								-	-	-	-
A10.3.10.2. Perform operational check								-	-	-	-
A10.3.10.3. Remove and install (R&I) Battery								-	-	-	-
A10.3.10.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.3.10.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.11. Cryptographic Devices TR: Applicable C-130J technical orders											
A10.3.11.1. Inspect								-	-	-	-
A10.3.11.2. Use								-	-	-	-
A10.3.11.3. Load								-	-	-	-
A10.3.12. Wideband Secure Voice KY-58 TR: Applicable C-130J technical orders											
A10.3.12.1. General system knowledge								-	-	-	-
A10.3.12.2. Perform operational check	*							-	-	-	-
A10.3.12.3. Remove and install (R&I) LRUs								-	-	-	-
A10.3.12.4. Troubleshoot to LRUs								-	-	-	-
A10.3.12.5. Troubleshoot to other than LRUs								-	-	-	-
A10.3.12.6. Intermediate Maintenance											
A10.3.12.6.1. Perform minimum performance checks								-	-	-	-
A10.3.12.6.2. Perform system alignments								-	-	-	-
A10.3.13. Narrowband Secure Voice ANDVT TR: Applicable C-130J technical orders											
A10.3.13.1. General system knowledge								-	-	-	-
A10.3.13.2. Perform operational check	*							-	-	-	-
A10.3.13.3. Remove and install (R&I) LRUs								-	-	-	-
A10.3.13.4. Troubleshoot to LRUs								-	-	-	-
A10.3.13.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4. NAVIGATION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.4.1. Identification Friend or Foe (IFF) Transponders AN/APX-100 TR: Applicable C-130J technical orders											
A10.4.1.1. General system knowledge								-	-	-	-
A10.4.1.2. Perform operational check											
A10.4.1.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A10.4.1.2.2. Mode 4	*							-	-	-	-
A10.4.1.2.3. Mode S	*							-	-	-	-
A10.4.1.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.4.1.4. Troubleshoot to LRUs	*							-	-	-	-
A10.4.1.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.1.6. Intermediate Maintenance TR: Applicable technical data											
A10.4.1.6.1. Perform minimum performance checks								-	-	-	-
A10.4.1.6.2. Perform system alignments								-	-	-	-
A10.4.2. Enhanced Traffic Collision Avoidance System (ETCAS) AN/APN-244 TR: Applicable C-130J technical orders											
A10.4.2.1. General system knowledge								-	-	-	-
A10.4.2.2. Perform operational check								-	-	-	-
A10.4.2.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.2.4. Troubleshoot to LRUs								-	-	-	-
A10.4.2.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.3. VHF Navigation System AN/ARN-147 TR: Applicable C-130J technical orders											
A10.4.3.1. General system knowledge								-	-	-	-
A10.4.3.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.4.3.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.3.4. Troubleshoot to LRUs								-	-	-	-
A10.4.3.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.3.6. Intermediate Maintenance											
A10.4.3.6.1. Perform minimum performance checks								-	-	-	-
A10.4.3.6.2. Perform system alignments								-	-	-	-
A10.4.4. Tactical Air Navigation (TACAN) AN/ARN-153 TR: Applicable C-130J technical orders											
A10.4.4.1. General system knowledge								-	-	-	-
A10.4.4.2. Perform operational check								-	-	-	-
A10.4.4.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.4.4. Troubleshoot to LRUs								-	-	-	-
A10.4.4.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.5. Embedded GPS/INS System (EGI) TR: Applicable C-130J technical orders											
A10.4.5.1. General system knowledge								-	-	-	-
A10.4.5.2. Perform operational check	*							-	-	-	-
A10.4.5.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.4.5.4. Troubleshoot to LRUs								-	-	-	-
A10.4.5.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.6. Automatic Direction Finder (ADF) DF-206A TR: Applicable C-130J technical orders											
A10.4.6.1. General system knowledge								-	-	-	-
A10.4.6.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.4.6.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.6.4. Troubleshoot to LRUs								-	-	-	-
A10.4.6.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.6.6. Intermediate Maintenance TR: Applicable technical data											
A10.4.6.6.1. Perform minimum performance checks								-	-	-	-
A10.4.6.6.2. Perform system alignments								-	-	-	-
A10.4.7. UHF/VHF Direction Finders (DF) DF-301E, TR: Applicable C-130J technical orders											
A10.4.7.1. General system knowledge								-	-	-	-
A10.4.7.2. Perform operational check								-	-	-	-
A10.4.7.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.7.4. Troubleshoot to LRUs								-	-	-	-
A10.4.7.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.7.6. Intermediate Maintenance TR: Applicable technical data											
A10.4.7.6.1. Perform minimum performance checks								-	-	-	-
A10.4.7.6.2. Perform system alignments								-	-	-	-
A10.4.8. Station Keeping Equipment SKE-2000 TR: Applicable C-130J technical orders											
A10.4.8.1. General system knowledge								-	-	-	-
A10.4.8.2. Perform operational check								-	-	-	-
A10.4.8.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.8.4. Troubleshoot to LRUs								-	-	-	-
A10.4.8.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.4.9. Low Power Color Radar AN/APN-241 TR: Applicable C-130J technical orders											
A10.4.9.1. General system knowledge								-	-	-	-
A10.4.9.2. Perform operational check	*							-	-	-	-
A10.4.9.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.4.9.4. Troubleshoot to LRUs								-	-	-	-
A10.4.9.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.10. Cursor Control Panel System TR: Applicable C-130J technical orders											
A10.4.10.1. General system knowledge								-	-	-	-
A10.4.10.2. Perform operational check								-	-	-	-
A10.4.10.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.10.4. Troubleshoot to LRUs								-	-	-	-
A10.4.10.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.11. Doppler Navigation System AN/APN-218 TR: Applicable C-130J technical orders											
A10.4.11.1. General system knowledge								-	-	-	-
A10.4.11.2. Perform operational check								-	-	-	-
A10.4.11.3. Remove and install (R&I) LRUs								-	-	-	-
A10.4.11.4. Troubleshoot to LRUs								-	-	-	-
A10.4.11.5. Troubleshoot to other than LRUs								-	-	-	-
A10.4.12. Radar Altimeter (RADALT) HG-9550 TR: Applicable C-130J technical orders											
A10.4.12.1. General system knowledge								-	-	-	-
A10.4.12.2. Perform operational check	*							-	-	-	-
A10.4.12.3. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.4.12.4. Troubleshoot to LRUs								-	-	-	-
A10.4.12.5. Troubleshoot to other than LRUs								-	-	-	-
A10.5. INTEGRATION AND DISPLAY SYSTEMS											
A10.5.1. Communication/Navigation Breaker Panel System (CNBP) TR: Applicable C-130J technical orders											
A10.5.1.1. General system knowledge								-	-	-	-
A10.5.1.2. Perform operational check	*							-	-	-	-
A10.5.1.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.5.1.4. Troubleshoot to LRUs	*							-	-	-	-
A10.5.1.5. Troubleshoot to other than LRUs								-	-	-	-
A10.5.2. Communication/Navigation Identification Management System (CNIMS) TR: Applicable C-130J technical orders											
A10.5.2.1. General system knowledge								-	-	-	-
A10.5.2.2. Perform operational checks	*							-	-	-	-
A10.5.2.3. Remove and install (R&I) LRUs	*							-	-	-	-
A10.5.2.4. Troubleshoot to LRUs	*							-	-	-	-
A10.5.2.5. Troubleshoot to other than LRUs	*							-	-	-	-
A10.5.2.6. Update/load/operate Software	*							-	-	-	-
A10.5.3. Digital Mapping System TR: Applicable C-130J technical orders											
A10.5.3.1. General system knowledge								-	-	-	-
A10.5.3.2. Perform operational check								-	-	-	-
A10.5.3.3. Remove and install (R&I) LRUs								-	-	-	-
A10.5.3.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A10.5.3.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 11 - C-130E (ABCCC) Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-130E aircraft/systems. If C-130E aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A11.1. MISSION SYSTEMS											
A11.1.1. Tactical Battlefield Management System (TBMS) TR: 1C-130E(III)-2-1, 1C-130E(III)-2-5											
A11.1.1.1. General system knowledge								-	-	-	-
A11.1.1.2. Perform operational checks								-	-	-	-
A11.1.2. Graphics Display Generator Group (DGU, DG-PS) TR: 1C-130E(III)-2-3											
A11.1.2.1. General system knowledge								-	-	-	-
A11.1.2.2. Perform operational check	*							-	-	-	-
A11.1.2.3. Troubleshoot to LRUs								-	-	-	-
A11.1.2.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.3. Battlestaff Console TR: 1C-130E(III)-2-5											
A11.1.3.1. General system knowledge								-	-	-	-
A11.1.3.2. Perform operational check	*							-	-	-	-
A11.1.3.3. Troubleshoot to LRUs								-	-	-	-
A11.1.3.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.4. Digital Computer System (CP-2139) TR: 1C-130E(III)-2-7											
A11.1.4.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.1.4.2. Perform operational check	*							-	-	-	-
A11.1.4.3. Troubleshoot to LRUs								-	-	-	-
A11.1.4.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.5. Serial Data Bus Access Module (BAM)											
A11.1.5.1. General system knowledge								-	-	-	-
A11.1.5.2. Perform operational check								-	-	-	-
A11.1.5.3. Troubleshoot to LRUs								-	-	-	-
A11.1.5.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.6. Optical Disk Drives											
A11.1.6.1. General system knowledge								-	-	-	-
A11.1.6.2. Perform operational check	*							-	-	-	-
A11.1.6.3. Troubleshoot to LRUs								-	-	-	-
A11.1.6.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.7. Printer/Plotter											
A11.1.7.1. General system knowledge								-	-	-	-
A11.1.7.2. Perform operational check								-	-	-	-
A11.1.7.3. Troubleshoot to LRUs								-	-	-	-
A11.1.7.4. Troubleshoot to other than LRUs								-	-	-	-
A11.1.8. Plasma Flat Screen Display											
A11.1.8.1. General system knowledge								-	-	-	-
A11.1.8.2. Perform operational check	*							-	-	-	-
A11.1.8.3. Troubleshoot to LRUs								-	-	-	-
A11.1.8.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.2. COMMUNICATIONS DISTRIBUTION GROUP TR: 1C-130E(III)-2-2											
A11.2.1. General system knowledge								-	-	-	-
A11.2.2. Central Switching Unit, Term Group I, Term Group II (CSU, TG1, TG2)											
A11.2.2.1. General system knowledge								-	-	-	-
A11.2.2.2. Perform operational check	*							-	-	-	-
A11.2.2.3. Troubleshoot to LRUs								-	-	-	-
A11.2.2.4. Troubleshoot to other than LRUs								-	-	-	-
A11.2.3. Patch Panel											
A11.2.3.1. General system knowledge								-	-	-	-
A11.2.3.2. Perform operational check								-	-	-	-
A11.2.3.3. Troubleshoot to LRUs								-	-	-	-
A11.2.3.4. Troubleshoot to other than LRUs								-	-	-	-
A11.2.4. Crewmember Communication Selector (CCS)											
A11.2.4.1. General system knowledge								-	-	-	-
A11.2.4.2. Perform operational check	*							-	-	-	-
A11.2.4.3. Troubleshoot to LRUs								-	-	-	-
A11.2.4.4. Troubleshoot to other than LRUs								-	-	-	-
A11.2.5. Multi-Track Tape Recorder (80-TA) TR: 1C-130E(III)-2-1											
A11.2.5.1. General system knowledge								-	-	-	-
A11.2.5.2. Perform operational check	*							-	-	-	-
A11.2.5.3. Troubleshoot to LRUs								-	-	-	-
A11.2.5.4. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.2.6. Time Code Processor (TCP) TR: 1C-130E(III)-2-1											
A11.2.6.1. General system knowledge								-	-	-	-
A11.2.6.2. Perform operational check	*							-	-	-	-
A11.2.6.3. Troubleshoot to LRUs								-	-	-	-
A11.2.6.4. Troubleshoot to other than LRUs								-	-	-	-
A11.2.7. FSK Modem (1280A) TR: 1C-130E(III)-2-1											
A11.2.7.1. General system knowledge								-	-	-	-
A11.2.7.2. Perform operational check								-	-	-	-
A11.2.7.3. Troubleshoot to LRUs								-	-	-	-
A11.2.7.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3. RADIO COMMUNICATIONS SUBSYSTEMS TR: 1C-130E(III)-2-1											
A11.3.1. HF Communication (ARC-190)											
A11.3.1.1. General system knowledge								-	-	-	-
A11.3.1.2. Perform operational check	*							-	-	-	-
A11.3.1.3. Troubleshoot to LRUs								-	-	-	-
A11.3.1.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3.1.5. Remove and install (R&I) longwire antenna system	*							-	-	-	-
A11.3.2. VHF Communications (ARC-186)											
A11.3.2.1. General system knowledge								-	-	-	-
A11.3.2.2. Perform operational check								-	-	-	-
A11.3.2.3. Troubleshoot to LRUs								-	-	-	-
A11.3.2.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3.3. VHF Communications - SINCGARS (ARC-222)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.3.3.1. General system knowledge								-	-	-	-
A11.3.3.2. Perform operational check								-	-	-	-
A11.3.3.3. Troubleshoot to LRUs								-	-	-	-
A11.3.3.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3.3.5. Remove and install (R&I) Cosite Filter								-	-	-	-
A11.3.4. UHF Communications (ARC-164)											
A11.3.4.1. General system knowledge								-	-	-	-
A11.3.4.2. Perform operational check	*							-	-	-	-
A11.3.4.3. Troubleshoot to LRUs								-	-	-	-
A11.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3.5. Satellite Communications (ARC-187)											
A11.3.5.1. General system knowledge								-	-	-	-
A11.3.5.2. Perform operational check	*							-	-	-	-
A11.3.5.3. Troubleshoot to LRUs								-	-	-	-
A11.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A11.3.5.5. Remove and install (R&I) antenna RF Components (SITU)								-	-	-	-
A11.3.6. RF Power Monitor System											
A11.3.6.1. General system knowledge								-	-	-	-
A11.3.6.2. Perform operational check								-	-	-	-
A11.3.6.3. Perform operational check								-	-	-	-
A11.3.6.4. Troubleshoot to LRUs								-	-	-	-
A11.3.6.5. Troubleshoot to LRUs								-	-	-	-
A11.3.6.6. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.3.7. Regenerative Repeater											
A11.3.7.1. General system knowledge								-	-	-	-
A11.3.7.2. Troubleshoot to other than LRUs								-	-	-	-
A11.4. INTELLIGENCE SUBSYSTEMS TR: 1C-130E(III)-2-1											
A11.4.1. Broadcast Intelligence System (BIS)/ Advanced Broadcast Intelligence (ABI)											
A11.4.1.1. General system knowledge								-	-	-	-
A11.4.1.2. Perform operational check		*						-	-	-	-
A11.4.1.3. Troubleshoot to LRUs								-	-	-	-
A11.4.1.4. Troubleshoot to other than LRUs								-	-	-	-
A11.5. CRYPTOGRAPHIC SYSTEMS TR: 1C-130E(III)-2-1											
A11.5.1. Narrow Band Secure Voice (ANDVT)											
A11.5.1.1. General system knowledge								-	-	-	-
A11.5.1.2. Perform operational check	*							-	-	-	-
A11.5.1.3. Troubleshoot to LRUs								-	-	-	-
A11.5.1.4. Troubleshoot to other than LRUs								-	-	-	-
A11.5.2. Wide Band Secure Voice (KY-58)											
A11.5.2.1. General system knowledge								-	-	-	-
A11.5.2.2. Perform operational check	*							-	-	-	-
A11.5.2.3. Troubleshoot to LRUs								-	-	-	-
A11.5.2.4. Troubleshoot to other than LRUs								-	-	-	-
A11.5.3. Key Generator (KG-84)											
A11.5.3.1. General system knowledge								-	-	-	-
A11.5.3.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.5.3.3. Troubleshoot to LRUs								-	-	-	-
A11.5.3.4. Troubleshoot to other than LRUs								-	-	-	-
A11.5.4. Crypto Zeroize Unit											
A11.5.4.1. General system knowledge								-	-	-	-
A11.5.4.2. Perform operational check								-	-	-	-
A11.5.4.3. Troubleshoot to LRUs								-	-	-	-
A11.5.4.4. Troubleshoot to other than LRUs								-	-	-	-
A11.5.5. Crypto Select Panel											
A11.5.5.1. General system knowledge								-	-	-	-
A11.5.5.2. Perform operational check								-	-	-	-
A11.5.5.3. Troubleshoot to LRUs								-	-	-	-
A11.5.5.4. Troubleshoot to other than LRUs								-	-	-	-
A11.6. DATA LINK SYSTEMS TR: 1C-130E(III)-2-1											
A11.6.1. JTIDS Class II Terminal (URC-107)											
A11.6.1.1. General system knowledge								-	-	-	-
A11.6.1.2. Perform operational check	*							-	-	-	-
A11.6.1.3. Troubleshoot to LRUs								-	-	-	-
A11.6.1.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7. DATA LINK SYSTEMS TR: 1C-130E(III)-2-1											
A11.7.1. Paper Shredder											
A11.7.1.1. General system knowledge								-	-	-	-
A11.7.1.2. Perform operational check								-	-	-	-
A11.7.1.3. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.7.1.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.2. Frequency Converter											
A11.7.2.1. General system knowledge								-	-	-	-
A11.7.2.2. Perform operational check								-	-	-	-
A11.7.2.3. Troubleshoot to LRUs								-	-	-	-
A11.7.2.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.3. Galley											
A11.7.3.1. General system knowledge								-	-	-	-
A11.7.3.2. Perform operational check								-	-	-	-
A11.7.3.3. Troubleshoot to LRUs								-	-	-	-
A11.7.3.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.4. Lavatory											
A11.7.4.1. General system knowledge								-	-	-	-
A11.7.4.2. Perform operational check								-	-	-	-
A11.7.4.3. Troubleshoot to LRUs								-	-	-	-
A11.7.4.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.5. Capsule Lighting											
A11.7.5.1. General system knowledge								-	-	-	-
A11.7.5.2. Perform operational check								-	-	-	-
A11.7.5.3. Troubleshoot to LRUs								-	-	-	-
A11.7.5.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.6. Power Distribution System											
A11.7.6.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.7.6.2. Perform operational check								-	-	-	-
A11.7.6.3. Troubleshoot to LRUs								-	-	-	-
A11.7.6.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.7. Emergency Equipment											
A11.7.7.1. General system knowledge								-	-	-	-
A11.7.7.2. Perform operational check								-	-	-	-
A11.7.7.3. Troubleshoot to LRUs								-	-	-	-
A11.7.7.4. Troubleshoot to other than LRUs								-	-	-	-
A11.7.8. Capsule Seating (Recaro)											
A11.7.8.1. General system knowledge								-	-	-	-
A11.7.8.2. Perform operational check								-	-	-	-
A11.7.8.3. Repair seat and pedestal	*							-	-	-	-
A11.7.8.4. Remove / install								-	-	-	-
A11.8. CAPSULE MOVEMENT AND INSPECTION TR: 1C-130E(III)-2-1											
A11.8.1. Upload/download											
A11.8.1.1. Team Chief		*						-	-	-	-
A11.8.1.2. Tug Driver								-	-	-	-
A11.8.1.3. Capsule steerer								-	-	-	-
A11.8.1.4. Side team member								-	-	-	-
A11.8.1.5. Top team member								-	-	-	-
A11.8.1.6. Perform operational check								-	-	-	-
A11.8.2. Inspections											
A11.8.2.1. Perform Capsule BPO/Preflight	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A11.8.2.2. Perform Capsule Isochronal Inspections								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 12 - C-141 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using C-141 aircraft/systems. If C-141 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A12.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A12.1.1. Aircraft Familiarization											
A12.1.1.1. Aircraft safe for maintenance								-	-	-	-
A12.1.1.2. Select/Use Safetying Devices	*							-	-	-	-
A12.1.1.3. Major structural Areas								-	-	-	-
A12.1.1.4. Major systems								-	-	-	-
A12.1.1.5. Enter/exit vertical stabilizer								-	-	-	-
A12.1.1.6. Aircraft Egress Procedures								-	-	-	-
A12.1.1.7. Underfloor tunnel entry procedures (power on/off)								-	-	-	-
A12.2. GENERAL MAINTENANCE TASKS											
A12.2.1. Technical Order familiarization								-	-	-	-
A12.2.2. Flightline safety/precautions/security								-	-	-	-
A12.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A12.2.4. Inspection/Operation portable external electrical power unit								-	-	-	-
A12.2.5. Inspect/Use ground maintenance stands								-	-	-	-
A12.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A12.2.7. Defensive Systems (DS) familiarization on applicable aircraft								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.2.8. Statically ground aircraft								-	-	-	-
A12.2.9. Apply/disconnect electrical power to aircraft											
A12.2.9.1. Inspect portable external power unit	*							-	-	-	-
A12.2.9.2. Apply power using external power unit	*							-	-	-	-
A12.2.9.3. Apply power using APU generator								-	-	-	-
A12.2.10. Perform aircraft wash								-	-	-	-
A12.2.11. Open/Close nose Radome	*							-	-	-	-
A12.2.12. Aircraft Jacking											
A12.2.12.1. Jack aircraft								-	-	-	-
A12.2.12.2. Jacking Supervisor								-	-	-	-
A12.2.12.3. Jacking Team Member								-	-	-	-
A12.2.13. Perform Refuel/Defuel Team Member Duties											
A12.2.13.1. Supervisor								-	-	-	-
A12.2.13.2. Fuel panel operator								-	-	-	-
A12.2.13.3. Single point refueling								-	-	-	-
A12.2.14. Open and close engine cowling								-	-	-	-
A12.2.15. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A12.2.16. Use aircraft interphone system								-	-	-	-
A12.2.17. Perform aircraft marshalling procedures								-	-	-	-
A12.2.18. Perform aircraft tow team member duties											
A12.2.18.1. Tow supervisor								-	-	-	-
A12.2.18.2. Perform wing/tail walker duties								-	-	-	-
A12.2.18.3. Brake/Tow panel operator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.2.19. Recover/Launch aircraft								-	-	-	-
A12.2.20. Service aircraft engine oil/CSC/APU								-	-	-	-
A12.2.21. Concurrent servicing supervisor (CSS)								-	-	-	-
A12.2.22. Defensive Systems (DS/Special operations Forces Improvement (SOFI) familiarization								-	-	-	-
A12.2.23. Perform aircraft inspections											
A12.2.23.1. Phase/Periodic/ISO								-	-	-	-
A12.2.23.2. Home Station Check (HSC)								-	-	-	-
A12.2.23.3. Base Postflight/Preflight/Thruflight inspections								-	-	-	-
A12.3. COMMUNICATIONS SYSTEMS											
A12.3.1. Interphone AN/AIC-18A											
A12.3.1.1. General system Knowledge								-	-	-	-
A12.3.1.2. Perform operational check	*							-	-	-	-
A12.3.1.3. Troubleshoot system TR: 1C-141B-2-23F1-00-1-2	*							-	-	-	-
A12.3.1.4. Remove and install (R&I)											
A12.3.1.4.1. Control/Monitor/Amplifier LRUs	*							-	-	-	-
A12.3.1.4.2. Pilot/Copilot control wheel	*							-	-	-	-
A12.3.1.5. Perform minimum performance checks		*						-	-	-	-
A12.3.2. Public Address AN/AIC-13											
A12.3.2.1. General system knowledge								-	-	-	-
A12.3.2.2. Perform operational check	*							-	-	-	-
A12.3.2.3. Troubleshoot system TR: 1C-141B-2-23FI-00-1-2		*						-	-	-	-
A12.3.3. Ultra High Frequency (UHF) Radio System AN/ARC-164(V)											
A12.3.3.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.3.3.2. Perform operational check											
A12.3.3.2.1. Normal	*							-	-	-	-
A12.3.3.2.2. Have Quick								-	-	-	-
A12.3.3.3. Troubleshoot system TR: 1C-141B-2-23Fl-00-1-1	*							-	-	-	-
A12.3.3.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.3.5. Minimum performance checks								-	-	-	-
A12.3.4. High Frequency (HF) Radio System AN/ARC-190											
A12.3.4.1. General system knowledge								-	-	-	-
A12.3.4.2. Perform operational check	*							-	-	-	-
A12.3.4.3. Troubleshoot system TR: 1C-141B-2-23Fl-00-1-1	*							-	-	-	-
A12.3.4.4. Remove and install (R&I) LRUs											
A12.3.4.4.1. Coupler								-	-	-	-
A12.3.4.4.2. Left side coupler mount relay unit								-	-	-	-
A12.3.4.4.3. RF feedline assembly								-	-	-	-
A12.3.4.4.4. Flight deck and under deck LRUs								-	-	-	-
A12.3.5. Multiple Radio Transmit											
A12.3.5.1. General system knowledge								-	-	-	-
A12.3.5.2. Perform operational check								-	-	-	-
A12.3.5.3. Troubleshoot system								-	-	-	-
A12.3.5.4. Remove and install (R&I) LRUs								-	-	-	-
A12.3.6. Very High Frequency (VHF) AM/FM Radio AN/ARC-186(V)											
A12.3.6.1. General system knowledge								-	-	-	-
A12.3.6.2. Perform operational checks	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.3.6.3. Troubleshoot system TR: 1C-141B-2-23Fl-00-1-1	*							-	-	-	-
A12.3.6.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.6.5. Perform minimum performance check								-	-	-	-
A12.3.7. Multipurpose Communications (AN/ARC-210)											
A12.3.7.1. General system knowledge								-	-	-	-
A12.3.7.2. Perform operational check								-	-	-	-
A12.3.7.2.1. Normal	*							-	-	-	-
A12.3.7.2.2. Have Quick								-	-	-	-
A12.3.7.2.3. Secure								-	-	-	-
A12.3.7.2.4. SATCOM								-	-	-	-
A12.3.7.3. Troubleshoot system	*							-	-	-	-
A12.3.7.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.8. Cryptographic Devices TR: TM 3155-2USC-43-2, applicable C-141 technical orders											
A12.3.8.1. Inspect	*							-	-	-	-
A12.3.8.2. Use								-	-	-	-
A12.3.8.3. Load								-	-	-	-
A12.3.9. Secure Voice KY-58											
A12.3.9.1. General system knowledge								-	-	-	-
A12.3.9.2. Perform operational checks								-	-	-	-
A12.3.9.3. Troubleshoot to LRUs TR: 1C-141B-2-23Fl-00-1-1								-	-	-	-
A12.3.9.4. Remove and install (R&I) LRUs								-	-	-	-
A12.3.10. Secure Voice, ANDVT, KY-V5											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.3.10.1. General system knowledge								-	-	-	-
A12.3.10.2. Perform operational check								-	-	-	-
A12.3.10.3. Troubleshoot system TR: 1C-141B-2-23Fl-00-1-1								-	-	-	-
A12.3.10.4. Remove and install (R&I) LRUs								-	-	-	-
A12.3.11. Cockpit Voice Recorder AN/ASH-35											
A12.3.11.1. General system knowledge								-	-	-	-
A12.3.11.2. Perform operational check	*							-	-	-	-
A12.3.11.3. Troubleshoot system TR: 1C-141B-2-31Fl-00-1	*							-	-	-	-
A12.3.11.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.12. Emergency Locator Transmitters (ELT) PN 3000-8, AN/URT-26											
A12.3.12.1. General system knowledge								-	-	-	-
A12.3.12.2. Perform operational check	*							-	-	-	-
A12.3.12.3. Troubleshoot system TR: 1C-141B-2-25Fl-00-1	*							-	-	-	-
A12.3.12.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.12.5. Remove and install (R&I) batter power pack								-	-	-	-
A12.3.13. Underwater Locator/Underwater Acoustical Beacon											
A12.3.13.1. General system knowledge								-	-	-	-
A12.3.13.2. Perform operational check	*							-	-	-	-
A12.3.13.3. Remove and install (R&I) LRU	*							-	-	-	-
A12.3.14. UHF Satellite Terminal System											
A12.3.14.1. General system knowledge								-	-	-	-
A12.3.14.2. Perform operational checks								-	-	-	-
A12.3.14.3. Troubleshoot system to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.3.14.4. Remove and install (R&I) LRUs								-	-	-	-
A12.3.15. L-Band Aero-C SATCOM											
A12.3.15.1. General system knowledge								-	-	-	-
A12.3.15.2. Perform operational check	*							-	-	-	-
A12.3.15.3. Troubleshoot system	*							-	-	-	-
A12.3.15.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.3.16. Joint Airborne Communication Center/ Command Post (JACC/CP)											
A12.3.16.1. General system knowledge								-	-	-	-
A12.3.16.2. Perform operational check								-	-	-	-
A12.3.16.3. Troubleshoot system								-	-	-	-
A12.3.16.4. Remove and install (R&I) LRUs								-	-	-	-
A12.4. NAVIGATION SYSTEMS											
A12.4.1. Radar Identification/Navigation Systems											
A12.4.1.1. Identification Friend or Foe (IFF) Transponder APX-72											
A12.4.1.1.1. General system knowledge								-	-	-	-
A12.4.1.1.2. Perform operational check											
A12.4.1.1.2.1. Mode 1, Mode 2, Mode 3a, Mode C check	*							-	-	-	-
A12.4.1.1.2.2. Mode 4 check								-	-	-	-
A12.4.1.1.3. Troubleshoot system TR: 1C-141B-2-34FI-00-3								-	-	-	-
A12.4.1.1.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.1.1.5. Perform minimum performance checks								-	-	-	-
A12.4.1.2. Identification Friend or Foe (IFF) Transponder APX-100											
A12.4.1.2.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.4.1.2.2. Perform operational check											
A12.4.1.2.2.1. Mode 1, Mode 2, Mode 3A, Mode C checks	*							-	-	-	-
A12.4.1.2.2.2. Mode S check								-	-	-	-
A12.4.1.2.2.3. Mode 4 check								-	-	-	-
A12.4.1.2.3. Troubleshoot system TR: 1C-141B-2-34FI-00-1-3	*							-	-	-	-
A12.4.1.2.4. Remove and install (R&I) LRUs								-	-	-	-
A12.4.1.3. Combined Altitude Radar Altimeter (CARA) AN/APN-232											
A12.4.1.3.1. General system knowledge								-	-	-	-
A12.4.1.3.2. Perform operational checks								-	-	-	-
A12.4.1.3.3. Troubleshoot system TR: 1C-141B-2-34FI-00-1-5								-	-	-	-
A12.4.1.4. Tactical Air Navigation AN/ARN-118											
A12.4.1.4.1. General system knowledge								-	-	-	-
A12.4.1.4.2. Perform operational check	*							-	-	-	-
A12.4.1.4.3. Troubleshoot system TR: 1C-141B-2-34FI-00-1-5	*							-	-	-	-
A12.4.1.4.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.1.4.5. Perform minimum performance check								-	-	-	-
A12.4.1.5. Color Weather Radar APS-133											
A12.4.1.5.1. General system knowledge								-	-	-	-
A12.4.1.5.2. Perform operational check	*							-	-	-	-
A12.4.1.5.3. Troubleshoot system	*							-	-	-	-
A12.4.1.5.4. Minimum performance check								-	-	-	-
A12.4.1.6. Station Keeping Equipment AN/APN-169C											
A12.4.1.6.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.4.1.6.2. Perform operational check	*							-	-	-	-
A12.4.1.6.3. Troubleshoot system	*							-	-	-	-
A12.4.1.6.4. Remove and install (R&I) flight deck/ under deck LRUs	*							-	-	-	-
A12.4.1.6.5. Remove and install (R&I)											
A12.4.1.6.5.1. Directional antenna								-	-	-	-
A12.4.1.6.5.2. Pedestal								-	-	-	-
A12.4.1.6.5.3. Radome								-	-	-	-
A12.4.1.6.6. Reposition control head to navigation position								-	-	-	-
A12.4.1.6.7. Perform minimum performance check								-	-	-	-
A12.4.2. Radio Navigation Systems											
A12.4.2.1. VOR/ILS/MB Systems ARN-147											
A12.4.2.1.1. General system knowledge								-	-	-	-
A12.4.2.1.2. Perform operational check	*							-	-	-	-
A12.4.2.1.3. Troubleshoot TR: 1C-141B-2-34FI-00-1-5	*							-	-	-	-
A12.4.2.1.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.2.1.5. Perform minimum performance checks								-	-	-	-
A12.4.2.2. Automatic Direction Finder (ADF) DFA-73											
A12.4.2.2.1. General system knowledge								-	-	-	-
A12.4.2.2.2. Perform operational check	*							-	-	-	-
A12.4.2.2.3. Troubleshoot system	*							-	-	-	-
A12.4.2.2.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.2.2.5. Perform minimum performance check								-	-	-	-
A12.4.2.3. Global Position System AN/ARN-151, AN/ASN-177											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.4.2.3.1. General system knowledge								-	-	-	-
A12.4.2.3.2. Perform operational check	*							-	-	-	-
A12.4.2.3.3. Troubleshoot system	*							-	-	-	-
A12.4.2.3.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.2.4. NAV Select Panel											
A12.4.2.4.1. General system knowledge								-	-	-	-
A12.4.2.4.2. Perform operational check	*							-	-	-	-
A12.4.2.4.3. Troubleshoot system	*							-	-	-	-
A12.4.2.4.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.3. Integrated Flight Management/Navigation Systems											
A12.4.3.1. Inertial Navigation System (INS)											
A12.4.3.1.1. General system knowledge								-	-	-	-
A12.4.3.1.2. Perform operational check	*							-	-	-	-
A12.4.3.1.3. Troubleshoot system	*							-	-	-	-
A12.4.3.1.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.3.1.5. Perform minimum performance checks								-	-	-	-
A12.4.3.2. Control Display System											
A12.4.3.2.1. General System Knowledge								-	-	-	-
A12.4.3.2.2. Perform operational check											
A12.4.3.2.2.1. Turn on/Initialize CDS	*							-	-	-	-
A12.4.3.2.2.2. Perform associated systems interface check	*							-	-	-	-
A12.4.3.2.2.3. Perform operational check of CDS	*							-	-	-	-
A12.4.3.2.3. Troubleshoot system								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.4.3.2.4. Remove and install (R&I) LRUs								-	-	-	-
A12.4.3.3. Flight Management System (FMS)											
A12.4.3.3.1. General system knowledge								-	-	-	-
A12.4.3.3.2. Perform operational check											
A12.4.3.3.2.1. Perform preparation for operational check								-	-	-	-
A12.4.3.3.2.2. Perform associated systems interface check								-	-	-	-
A12.4.3.3.2.3. Perform operational check of Navigation Processors (NPs)	*							-	-	-	-
A12.4.3.3.2.4. Perform operational check of Multi-Function Control Display Unit (MFCDU)	*							-	-	-	-
A12.4.3.3.2.5. Perform operational check of Digital Redout Unit (DRU)	*							-	-	-	-
A12.4.3.3.3. Troubleshoot system	*							-	-	-	-
A12.4.3.3.4. Remove and install (R&I) LRUs	*							-	-	-	-
A12.4.3.4. Traffic Alert Collision Avoidance System (TCAS)											
A12.4.3.4.1. General system knowledge								-	-	-	-
A12.4.3.4.2. Perform Built-In Test (BIT) check	*							-	-	-	-
A12.4.3.4.3. Perform operational check	*							-	-	-	-
A12.4.3.4.4. Troubleshoot system	*							-	-	-	-
A12.4.3.4.5. Remove and install (R&I) LRUs								-	-	-	-
A12.4.4. Terrain Awareness and Warning System (TAWS)											
A12.4.4.1. General system knowledge								-	-	-	-
A12.4.4.2. Perform operational check								-	-	-	-
A12.4.4.3. Troubleshoot system								-	-	-	-
A12.4.4.4. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A12.5. MISCELLANEOUS SYSTEMS											
A12.5.1. Static Discharging System											
A12.5.1.1. General system knowledge								-	-	-	-
A12.5.1.2. Perform continuity and resistance check	*							-	-	-	-
A12.5.1.3. Troubleshoot system	*							-	-	-	-
A12.5.1.4. Remove and install (R&I)											
A12.5.1.4.1. Trailing edge static discharges	*							-	-	-	-
A12.5.1.4.2. Tail cone static eliminator	*							-	-	-	-
A12.5.2. Night Vision Integrated System (NVIS)											
A12.5.2.1. General system knowledge								-	-	-	-
A12.5.2.2. Perform operational check	*							-	-	-	-
A12.5.2.3. Troubleshoot system	*							-	-	-	-
A12.5.2.4. Remove and install (R&I)											
A12.5.2.4.1. Panel lighting	*							-	-	-	-
A12.5.2.4.2. Lenses	*							-	-	-	-
A12.5.2.4.3. Faceplates	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 13 - KC-10 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using KC-10 aircraft/systems. If KC-10 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A13.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A13.1.1. Aircraft Familiarization								-	-	-	-
A13.1.2. Aircraft safe for maintenance	*							-	-	-	-
A13.1.3. Static grounding								-	-	-	-
A13.1.4. Select/use safetying devices								-	-	-	-
A13.1.5. Major structural areas								-	-	-	-
A13.1.6. Remove and install (R&I) maintenance panels								-	-	-	-
A13.1.7. Operate cargo doors								-	-	-	-
A13.1.8. Open/close radomes	*							-	-	-	-
A13.1.9. Aircraft egress procedures								-	-	-	-
A13.1.10. Underfloor entry procedures (power on/ off)								-	-	-	-
A13.1.11. Launch/recover aircraft								-	-	-	-
A13.2. GENERAL MAINTENANCE TASKS											
A13.2.1. Technical order familiarization								-	-	-	-
A13.2.2. Flightline safety/precautions/security								-	-	-	-
A13.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A13.2.5. Inspect/use ground maintenance stands								-	-	-	-
A13.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A13.2.7. Defensive systems (DS) familiarization (on applicable aircraft)								-	-	-	-
A13.2.8. Statically ground aircraft								-	-	-	-
A13.2.9. Apply/disconnect external electrical power unit								-	-	-	-
A13.2.10. Perform aircraft wash								-	-	-	-
A13.2.11. Aircraft Jacking											
A13.2.11.1. Jack aircraft								-	-	-	-
A13.2.11.2. Jacking supervisor								-	-	-	-
A13.2.11.3. Jacking team member								-	-	-	-
A13.2.12. Perform refuel/defuel team member duties								-	-	-	-
A13.2.13. Open and close engine cowling								-	-	-	-
A13.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A13.2.15. Use aircraft interphone system								-	-	-	-
A13.2.16. Perform aircraft marshaling procedures								-	-	-	-
A13.2.17. Tow aircraft											
A13.2.17.1. Perform wing/tail walker duties								-	-	-	-
A13.2.17.2. Brake Operator								-	-	-	-
A13.2.17.3. Team communications								-	-	-	-
A13.2.18. Perform aircraft A1, A2, C inspections								-	-	-	-
A13.2.19. Apply power using											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.2.19.1. APU								-	-	-	-
A13.2.19.2. Generator set	*							-	-	-	-
A13.3. COMMUNICATION SYSTEMS											
A13.3.1. Standard Audio Integrating System											
A13.3.1.1. General system knowledge								-	-	-	-
A13.3.1.2. Perform operational check								-	-	-	-
A13.3.1.3. Remove and install (R&I) LRUs								-	-	-	-
A13.3.1.4. Troubleshoot to LRUs								-	-	-	-
A13.3.1.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.2. Service Interphone											
A13.3.2.1. General system knowledge								-	-	-	-
A13.3.2.2. Perform operational check	*							-	-	-	-
A13.3.2.3. Troubleshoot to LRUs	*							-	-	-	-
A13.3.2.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.3. Refueling Boom Voice Channel System											
A13.3.3.1. General system knowledge								-	-	-	-
A13.3.3.2. Perform operational check								-	-	-	-
A13.3.3.3. Remove and install (R&I) Boom voice coil								-	-	-	-
A13.3.3.4. Troubleshoot to LRUs								-	-	-	-
A13.3.3.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.4. Universal Air Refueling Receiver Slipway Interphone (UARRSI)											
A13.3.4.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.3.4.2. Perform operational check	*							-	-	-	-
A13.3.4.3. Remove and install (R&I)											
A13.3.4.3.1. Voice channel amplifier	*							-	-	-	-
A13.3.4.3.2. Voice coil	*							-	-	-	-
A13.3.4.4. Troubleshoot to LRUs	*							-	-	-	-
A13.3.4.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.5. Passenger Address Collins 346D-2/2B											
A13.3.5.1. General system knowledge								-	-	-	-
A13.3.5.2. Perform operational check								-	-	-	-
A13.3.5.3. Troubleshoot to LRUs								-	-	-	-
A13.3.5.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.6. High Frequency (HF) Radio AN/ARC-190(V) Automatic Communications Processor											
A13.3.6.1. General system knowledge								-	-	-	-
A13.3.6.2. Perform operational check	*							-	-	-	-
A13.3.6.3. Remove and install (R&I)											
A13.3.6.3.1. Antenna adapter bellows								-	-	-	-
A13.3.6.3.2. Antenna								-	-	-	-
A13.3.6.4. Update/operate software upload								-	-	-	-
A13.3.6.5. Troubleshoot to LRUs	*							-	-	-	-
A13.3.6.6. Troubleshoot to other than LRUs								-	-	-	-
A13.3.7. Very High Frequency (VHF) AM Radio 618M-5A											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.3.7.1. General system knowledge								-	-	-	-
A13.3.7.2. Perform operational check								-	-	-	-
A13.3.7.3. Remove and install (R&I) UHF2/VHF antennas								-	-	-	-
A13.3.7.4. Troubleshoot to LRUs								-	-	-	-
A13.3.7.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.8. Ultra High Frequency (UHF) Radio System AN/ARC-164											
A13.3.8.1. General system knowledge								-	-	-	-
A13.3.8.2. Perform operational check											
A13.3.8.2.1. Normal	*							-	-	-	-
A13.3.8.2.2. Have Quick	*							-	-	-	-
A13.3.8.3. Troubleshoot to LRUs	*							-	-	-	-
A13.3.8.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.9. Ultra High Frequency (UHF) Radio System AN/ARC-171											
A13.3.9.1. General system knowledge								-	-	-	-
A13.3.9.2. Perform operational check								-	-	-	-
A13.3.9.3. Troubleshoot to LRUs								-	-	-	-
A13.3.9.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.10. UHF Satellite Communication System											
A13.3.10.1. General system knowledge								-	-	-	-
A13.3.10.2. Perform operational check								-	-	-	-
A13.3.10.3. Remove and install (R&I)											
A13.3.10.3.1. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.3.10.3.2. Diplexer								-	-	-	-
A13.3.10.4. Troubleshoot to LRUs								-	-	-	-
A13.3.10.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.11. International Maritime Satellite System (Inmarsat-C)											
A13.3.11.1. General system knowledge								-	-	-	-
A13.3.11.2. Perform operational check								-	-	-	-
A13.3.11.3. Remove and install (R&I) Antenna								-	-	-	-
A13.3.11.4. Troubleshoot to LRUs								-	-	-	-
A13.3.11.5. Troubleshoot to other than LRUs								-	-	-	-
A13.3.12. L-Band Aero-C SATCOM											
A13.3.12.1. General system knowledge								-	-	-	-
A13.3.12.2. Perform operational check								-	-	-	-
A13.3.12.3. Troubleshoot to LRUs								-	-	-	-
A13.3.12.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.13. Static Discharging and Lightning Diverting/ Arrestors											
A13.3.13.1. General system knowledge								-	-	-	-
A13.3.13.2. Perform ohms check								-	-	-	-
A13.3.14. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable C-141 technical orders											
A13.3.14.1. Inspect								-	-	-	-
A13.3.14.2. Use								-	-	-	-
A13.3.14.3. Load								-	-	-	-
A13.3.15. Secure Voice KY-58											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.3.15.1. Perform operational check	*							-	-	-	-
A13.3.15.2. General system knowledge								-	-	-	-
A13.3.15.3. Troubleshoot to LRUs								-	-	-	-
A13.3.15.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.16. Cockpit Voice Recorder Fairchild A-100											
A13.3.16.1. General system knowledge								-	-	-	-
A13.3.16.2. Perform operational check								-	-	-	-
A13.3.16.3. Troubleshoot to LRUs								-	-	-	-
A13.3.16.4. Troubleshoot to other than LRUs								-	-	-	-
A13.3.17. Emergency Locator Transmitters (ELT) RLB-9[3]											
A13.3.17.1. General system knowledge								-	-	-	-
A13.3.17.2. Perform operational check								-	-	-	-
A13.3.17.3. Remove and install (R&I) Battery								-	-	-	-
A13.3.17.4. Troubleshoot to LRUs								-	-	-	-
A13.3.17.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4. NAVIGATION SYSTEMS											
A13.4.1. Identification Friend or Foe (IFF) Transponders AN/APX-101(V)											
A13.4.1.1. General system knowledge								-	-	-	-
A13.4.1.2. Perform operational check											
A13.4.1.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A13.4.1.2.2. Mode 4	*							-	-	-	-
A13.4.1.3. Remove and install (R&I) Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.4.1.4. Troubleshoot to LRUs	*							-	-	-	-
A13.4.1.5. Troubleshoot to other than LRUs		*						-	-	-	-
A13.4.2. IFF Transponders APX-100/Traffic Alert and Collision Avoidance System											
A13.4.2.1. General system knowledge								-	-	-	-
A13.4.2.2. Perform operational check											
A13.4.2.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A13.4.2.2.2. Mode 4	*							-	-	-	-
A13.4.2.2.3. Mode S	*							-	-	-	-
A13.4.2.3. Remove and install (R&I) Antenna								-	-	-	-
A13.4.2.4. Troubleshoot to LRUs	*							-	-	-	-
A13.4.2.5. Troubleshoot to other than LRUs		*						-	-	-	-
A13.4.3. Beacon Transponders System I/J-Band											
A13.4.3.1. General system knowledge								-	-	-	-
A13.4.3.2. Perform operational check								-	-	-	-
A13.4.3.3. Remove and install (R&I)											
A13.4.3.3.1. I-band antenna								-	-	-	-
A13.4.3.3.2. J-band antenna								-	-	-	-
A13.4.3.3.3. I-band waveguide assembly								-	-	-	-
A13.4.3.3.4. J-band waveguide assembly								-	-	-	-
A13.4.3.3.5. Desiccant								-	-	-	-
A13.4.3.4. Troubleshoot to LRUs								-	-	-	-
A13.4.3.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4.4. VHF Navigation System VOR/LOC Collins 51RV-4B											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.4.4.1. General system knowledge								-	-	-	-
A13.4.4.2. Perform operational check								-	-	-	-
A13.4.4.3. Remove and install (R&I)											
A13.4.4.3.1. VOR/LOC antenna								-	-	-	-
A13.4.4.3.2. VOR/LOC coupler								-	-	-	-
A13.4.4.3.3. VOR/LOC hybrid coupler								-	-	-	-
A13.4.4.4. Troubleshoot to LRUs								-	-	-	-
A13.4.4.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4.5. Instrument Landing System (ILS)											
A13.4.5.1. General system knowledge								-	-	-	-
A13.4.5.2. Perform operational check								-	-	-	-
A13.4.5.3. Remove and install (R&I) Sense antenna								-	-	-	-
A13.4.5.4. Troubleshoot to LRUs								-	-	-	-
A13.4.5.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4.6. Tactical Air Navigation (TACAN) I/ (TACAN II) AN/ARN-118											
A13.4.6.1. General system knowledge								-	-	-	-
A13.4.6.2. Perform operational check	*							-	-	-	-
A13.4.6.3. Troubleshoot to LRUs	*							-	-	-	-
A13.4.6.4. Troubleshoot to other than LRUs								-	-	-	-
A13.4.7. (TACAN) AN/ARN-139											
A13.4.7.1. General system knowledge								-	-	-	-
A13.4.7.2. Perform operational check								-	-	-	-
A13.4.7.3. Remove and install (R&I) Rotating antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.4.7.4. Troubleshoot to LRUs								-	-	-	-
A13.4.7.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4.8. Inertial Navigation System Litton LTN-72R											
A13.4.8.1. General system knowledge								-	-	-	-
A13.4.8.2. Perform operational check	*							-	-	-	-
A13.4.8.3. Troubleshoot to LRUs	*							-	-	-	-
A13.4.8.4. Troubleshoot to other than LRUs								-	-	-	-
A13.4.9. Flight Management System FMS-800/Global Positioning System											
A13.4.9.1. General system knowledge								-	-	-	-
A13.4.9.2. Perform operational check on GPS								-	-	-	-
A13.4.9.3. Remove and install (R&I) Control display unit battery								-	-	-	-
A13.4.9.4. Troubleshoot to LRUs								-	-	-	-
A13.4.9.5. Troubleshoot to other than LRUs								-	-	-	-
A13.4.10. UHF Direction Finders (DF) DF-301E											
A13.4.10.1. General system knowledge								-	-	-	-
A13.4.10.2. Perform operational check								-	-	-	-
A13.4.10.3. Remove and install (R&I) Antenna								-	-	-	-
A13.4.10.4. Troubleshoot to LRUs								-	-	-	-
A13.4.10.5. Troubleshoot to other than LRUs								-	-	-	-
A13.5. RADAR											
A13.5.1. Color Weather Radar APS-133											
A13.5.1.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A13.5.1.2. Perform operational check	*							-	-	-	-
A13.5.1.3. Remove and install (R&I) Waveguide Switch								-	-	-	-
A13.5.1.4. Troubleshoot to LRUs								-	-	-	-
A13.5.1.5. Troubleshoot to other than LRUs								-	-	-	-
A13.5.2. Radio Altimeter Bendix ALA-51A											
A13.5.2.1. General system knowledge								-	-	-	-
A13.5.2.2. Perform operational check	*							-	-	-	-
A13.5.2.3. Remove and install (R&I) Antennas								-	-	-	-
A13.5.2.4. Troubleshoot to LRUs	*							-	-	-	-
A13.5.2.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 14 - KC-135 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using KC-135 aircraft/systems. If KC-135 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A14.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A14.1.1. Aircraft safe for maintenance	*							-	-	-	-
A14.1.2. Static grounding								-	-	-	-
A14.1.3. Select/use safetying devices								-	-	-	-
A14.1.4. Major structural areas								-	-	-	-
A14.1.5. Major systems								-	-	-	-
A14.1.6. Remove and install (R&I) maintenance panels								-	-	-	-
A14.1.7. Operate cargo doors								-	-	-	-
A14.1.8. Open/close radomes	*							-	-	-	-
A14.1.9. Aircraft egress procedures								-	-	-	-
A14.1.10. Fire Suppression System (FSS)								-	-	-	-
A14.1.11. Launch aircraft								-	-	-	-
A14.1.12. Recover aircraft								-	-	-	-
A14.2. GENERAL MAINTENANCE TASKS											
A14.2.1. Technical order familiarization								-	-	-	-
A14.2.2. Flightline safety/precautions/ security								-	-	-	-
A14.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A14.2.5. Inspect/use ground maintenance stands								-	-	-	-
A14.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A14.2.7. Defensive systems (DS) familiarization on applicable aircraft								-	-	-	-
A14.2.8. Statically ground aircraft								-	-	-	-
A14.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A14.2.10. Perform aircraft wash								-	-	-	-
A14.2.11. Aircraft Jacking											
A14.2.11.1. Jack aircraft								-	-	-	-
A14.2.11.2. Jacking supervisor								-	-	-	-
A14.2.11.3. Jacking team member								-	-	-	-
A14.2.12. Perform refuel/defuel team member duties								-	-	-	-
A14.2.13. Open and close engine cowling								-	-	-	-
A14.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A14.2.15. Use aircraft interphone system								-	-	-	-
A14.2.16. Perform aircraft marshaling procedures								-	-	-	-
A14.2.17. Tow aircraft											
A14.2.17.1. Perform wing/tail walker duties								-	-	-	-
A14.1.17.2. Perform wing/tail walker duties								-	-	-	-
A14.1.17.3. Brake Operator								-	-	-	-
A14.2.18. Kneel team member								-	-	-	-
A14.2.19. Perform Inspections											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.2.19.1. Aircraft phase/ periodic/ISO								-	-	-	-
A14.2.19.2. Home Station Check (HSC) inspection								-	-	-	-
A14.2.19.3. Basic/postflight/preflight/thruflight								-	-	-	-
A14.2.19.4. Operate crew entrance door								-	-	-	-
A14.2.20. Service											
A14.2.20.1. Liquid nitrogen system								-	-	-	-
A14.2.20.2. Liquid oxygen system (LOX)								-	-	-	-
A14.2.20.3. Aircraft struts with nitrogen								-	-	-	-
A14.2.20.4. Aircraft tires								-	-	-	-
A14.2.20.5. Aircraft engine oil								-	-	-	-
A14.2.20.6. Aircraft hydraulic reservoir								-	-	-	-
A14.2.20.7. Aircraft engine CSD								-	-	-	-
A14.2.20.8. Aircraft engine starter								-	-	-	-
A14.2.20.9. APU oil								-	-	-	-
A14.2.20.10. ATM oil								-	-	-	-
A14.2.20.11. Aircraft accumulator with nitrogen								-	-	-	-
A14.2.20.12. Aircraft slide/ejection bottles								-	-	-	-
A14.2.21. Remove and install (R&I) engine fan stoppers/ blockers								-	-	-	-
A14.3. COMMUNICATION SYSTEMS											
A14.3.1. Interphone System AN/AIC-10/18/25											
A14.3.1.1. Flight Interphone											
A14.3.1.1.1. General system knowledge								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.3.1.1.2. Perform operational check	*							-	-	-	-
A14.3.1.1.3. Remove and install (R&I) Yoke/tiller/ Ruddervator control stick switch								-	-	-	-
A14.3.1.1.4. Troubleshoot to LRUs								-	-	-	-
A14.3.1.1.5. Troubleshoot to other than LRUs								-	-	-	-
A14.3.1.1.6. Perform minimum performance checks								-	-	-	-
A14.3.1.2. In-flight Refuel Interphone											
A14.3.1.2.1. General system knowledge								-	-	-	-
A14.3.1.2.2. Perform operational check								-	-	-	-
A14.3.1.2.3. Troubleshoot to LRUs								-	-	-	-
A14.3.1.2.4. Troubleshoot to other than LRUs								-	-	-	-
A14.3.1.3. Digital Interphone											
A14.3.1.3.1. General system knowledge								-	-	-	-
A14.3.1.3.2. Perform operational check	*							-	-	-	-
A14.3.1.3.3. Remove and install (R&I) Yoke/tiller/ Ruddervator control stick switch								-	-	-	-
A14.3.1.3.4. Troubleshoot to LRUs								-	-	-	-
A14.3.1.3.5. Troubleshoot to other than LRUs								-	-	-	-
A14.3.2. High Frequency (HF) Radio AN/ARC-190/ Automatic Communications Processor											
A14.3.2.1. General system knowledge								-	-	-	-
A14.3.2.2. Perform operational check	*							-	-	-	-
A14.3.2.3. Remove and install (R&I)											
A14.3.2.3.1. Mast								-	-	-	-
A14.3.2.3.2. Longwire								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.3.2.3.3. Probe antenna								-	-	-	-
A14.3.2.4. Troubleshoot to LRUs								-	-	-	-
A14.3.2.5. Troubleshoot to other than LRUs								-	-	-	-
A14.3.3. Very High Frequency (VHF) AM/FM Radio AN/ARC-186											
A14.3.3.1. General system knowledge								-	-	-	-
A14.3.3.2. Perform operational check	*							-	-	-	-
A14.3.3.3. Troubleshoot to LRUs								-	-	-	-
A14.3.3.4. Troubleshoot to other than LRUs								-	-	-	-
A14.3.3.5. Perform minimum performance checks								-	-	-	-
A14.3.4. Ultra High Frequency (UHF) Radio System AN/ARC-164											
A14.3.4.1. General system knowledge								-	-	-	-
A14.3.4.2. Perform operational check											
A14.3.4.2.1. Normal	*							-	-	-	-
A14.3.4.2.2. Have Quick	*							-	-	-	-
A14.3.4.3. Troubleshoot to LRUs	*							-	-	-	-
A14.3.4.4. Troubleshoot to other than LRUs								-	-	-	-
A14.3.4.5. Perform minimum performance checks								-	-	-	-
A14.3.5. UHF Direction Finders (DF) ARA-25											
A14.3.5.1. General system knowledge								-	-	-	-
A14.3.5.2. Perform operational check								-	-	-	-
A14.3.5.3. Remove and install (R&I) Antenna								-	-	-	-
A14.3.5.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.3.5.5. Troubleshoot to other than LRUs								-	-	-	-
A14.3.5.6. Perform minimum performance checks								-	-	-	-
A14.3.6. Multipurpose Communications AN/ARC-210 TR: Applicable C-135 technical orders											
A14.3.6.1. General system knowledge								-	-	-	-
A14.3.6.2. Perform operational check											
A14.3.6.2.1. Normal	*							-	-	-	-
A14.3.6.2.2. Have Quick	*							-	-	-	-
A14.3.6.2.3. Secure								-	-	-	-
A14.3.6.2.4. SATCOM								-	-	-	-
A14.3.6.3. Troubleshoot to LRUs	*							-	-	-	-
A14.3.6.4.Troubleshoot to other than LRUs								-	-	-	-
A14.3.7. Satellite Communications AN/ARC-187/171											
A14.3.7.1. General system knowledge								-	-	-	-
A14.3.7.2. Perform operational check											
A14.3.7.2.1. LOS mode								-	-	-	-
A14.3.7.2.2. SATCOM mode								-	-	-	-
A14.3.7.3. Troubleshoot to LRUs								-	-	-	-
A14.3.7.4. Troubleshoot to other than LRUs								-	-	-	-
A14.3.8. Emergency Locator Transmitter/CPI											
A14.3.8.1. General System Knowledge								-	-	-	-
A14.3.8.2. Perform operational check								-	-	-	-
A14.3.8.3. Troubleshoot								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.3.9. Cryptographic Devices TR: TM 3155-2USC-43-2; applicable C-135 technical orders											
A14.3.9.1. Inspect								-	-	-	-
A14.3.9.2. Use								-	-	-	-
A14.3.9.3. Load								-	-	-	-
A14.3.10. Secure Voice KY-58											
A14.3.10.1. General system knowledge								-	-	-	-
A14.3.10.2. Perform operational check	*							-	-	-	-
A14.3.10.3. Troubleshoot to LRUs								-	-	-	-
A14.3.10.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4. NAVIGATION SYSTEMS											
A14.4.1. Radar Identification System											
A14.4.1.1. Identification Friend or Foe (IFF) Transponders AN/APX-64											
A14.4.1.1.1. General system knowledge								-	-	-	-
A14.4.1.1.2. Perform operational check											
A14.4.1.1.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-
A14.4.1.1.2.2. Mode 4	*							-	-	-	-
A14.4.1.1.3. Troubleshoot to LRUs	*							-	-	-	-
A14.4.1.1.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.1.2. IFF Transponders AN/APX-100											
A14.4.1.2.1. General system knowledge								-	-	-	-
A14.4.1.2.2. Perform operational check											
A14.4.1.2.2.1. Mode 1, Mode 2, Mode 3A, Mode C	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.4.1.2.2.2. Mode 4	*							-	-	-	-
A14.4.1.2.2.3. Mode S	*							-	-	-	-
A14.4.1.2.3. Troubleshoot to LRUs	*							-	-	-	-
A14.4.1.2.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2. VHF Navigation System											
A14.4.2.1. VOR/LOC 51R-6											
A14.4.2.1.1. General system knowledge								-	-	-	-
A14.4.2.1.2. Perform operational check	*							-	-	-	-
A14.4.2.1.3. Troubleshoot to LRUs								-	-	-	-
A14.4.2.1.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.1.5. Perform minimum performance checks								-	-	-	-
A14.4.2.2. Glideslope System 5IV-4A											
A14.4.2.2.1. General system knowledge								-	-	-	-
A14.4.2.2.2. Perform operational check	*							-	-	-	-
A14.4.2.2.3. Troubleshoot to LRUs								-	-	-	-
A14.4.2.2.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.2.5. Perform minimum performance checks								-	-	-	-
A14.4.2.3. Marker Beacon System AN/ARN-32											
A14.4.2.3.1. General system knowledge								-	-	-	-
A14.4.2.3.2. Perform operational check								-	-	-	-
A14.4.2.3.3. Troubleshoot to LRUs								-	-	-	-
A14.4.2.3.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.3.5. Perform minimum performance checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.4.2.4. Tactical Air Navigation AN/ARN-118(V)											
A14.4.2.4.1. General system knowledge								-	-	-	-
A14.4.2.4.2. Perform operational check								-	-	-	-
A14.4.2.4.3. Troubleshoot to LRUs								-	-	-	-
A14.4.2.4.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.4.5. Minimum Perform Performance Checks								-	-	-	-
A14.4.2.5. Inertial Navigation System (INS)											
A14.4.2.5.1. General system knowledge								-	-	-	-
A14.4.2.5.2. Perform operational check	*							-	-	-	-
A14.4.2.5.3. Troubleshoot to LRUs	*							-	-	-	-
A14.4.2.5.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.6. Embedded Global Positioning System/Inertial Navigation System											
A14.4.2.6.1. General system knowledge								-	-	-	-
A14.4.2.6.2. Perform operational check	*							-	-	-	-
A14.4.2.6.3. Troubleshoot to LRUs	*							-	-	-	-
A14.4.2.6.4. Troubleshoot to other than LRUs								-	-	-	-
A14.4.2.7. Doppler Navigation System (DNS) APN-218											
A14.4.2.7.1. General system knowledge								-	-	-	-
A14.4.2.7.2. Perform operational check								-	-	-	-
A14.4.2.7.3. Remove and install (R&I) Doppler velocity sensor								-	-	-	-
A14.4.2.7.4. Troubleshoot to LRUs								-	-	-	-
A14.4.2.7.5. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.4.2.8. Traffic Alert and Collision Avoidance System											
A14.4.2.8.1. General system knowledge								-	-	-	-
A14.4.2.8.2. Perform operational check								-	-	-	-
A14.4.2.8.3. Remove and install (R&I) Antenna								-	-	-	-
A14.4.2.8.4. Troubleshoot to LRUs								-	-	-	-
A14.4.2.8.5. Troubleshoot to other than LRUs								-	-	-	-
A14.5. RADAR											
A14.5.1. Search and Weather Radar AN/APN-59											
A14.5.1.1. General system knowledge								-	-	-	-
A14.5.1.2. Perform operational check	*							-	-	-	-
A14.5.1.3. Troubleshoot to LRUs	*							-	-	-	-
A14.5.1.4. Troubleshoot to other than LRUs								-	-	-	-
A14.5.1.5. Perform system alignments								-	-	-	-
A14.5.2. Radar Beacon AN/APN-69											
A14.5.2.1. General system knowledge								-	-	-	-
A14.5.2.2. Perform operational check								-	-	-	-
A14.5.2.3. Troubleshoot to LRUs								-	-	-	-
A14.5.2.4. Troubleshoot to other than LRUs								-	-	-	-
A14.5.2.5. Perform minimum performance checks								-	-	-	-
A14.5.3. Doppler Navigation System (DNS) APN-218											
A14.5.3.1. General system knowledge								-	-	-	-
A14.5.3.2. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.5.3.3. Remove and install (R&I) Doppler velocity sensor								-	-	-	-
A14.5.3.4. Troubleshoot to LRUs								-	-	-	-
A14.5.3.5. Troubleshoot to other than LRUs								-	-	-	-
A14.5.4. Color Weather Radar WXR-700XW											
A14.5.4.1. General system knowledge								-	-	-	-
A14.5.4.2. Perform operational check	*							-	-	-	-
A14.5.4.3. Remove and install (R&I) Antennas								-	-	-	-
A14.5.4.4. Troubleshoot to LRUs	*							-	-	-	-
A14.5.4.5. Troubleshoot to other than LRUs								-	-	-	-
A14.5.5. Pressurization System ASQ-15											
A14.5.5.1. General system knowledge								-	-	-	-
A14.5.5.2. Perform operational check	*							-	-	-	-
A14.5.5.3. Adjust pressure switch								-	-	-	-
A14.5.5.4. Troubleshoot to LRUs								-	-	-	-
A14.5.5.5. Troubleshoot to other than LRUs								-	-	-	-
A14.5.6. Low Range Altimeter System AN/AL-101											
A14.5.6.1. General system knowledge								-	-	-	-
A14.5.6.2. Perform operational check	*							-	-	-	-
A14.5.6.3. Troubleshoot to LRUs								-	-	-	-
A14.5.6.4. Troubleshoot to other than LRUs								-	-	-	-
A14.5.6.5. Perform minimum performance checks								-	-	-	-
A14.5.7. Radar Altimeter System AN/APN-222											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A14.5.7.1. General system knowledge								-	-	-	-
A14.5.7.2. Perform operational check	*							-	-	-	-
A14.5.7.3. Troubleshoot to LRUs								-	-	-	-
A14.5.7.4. Troubleshoot to other than LRUs								-	-	-	-
A14.6. MISSION SYSTEMS											
A14.6.1. Flight Management System FMS-800											
A14.6.1.1. General system knowledge	*							-	-	-	-
A14.6.1.2. Operate system								-	-	-	-
A14.6.1.3. Perform operational check								-	-	-	-
A14.6.1.4. Update/operate/load software								-	-	-	-
A14.6.2. Flight Display System											
A14.6.2.1. General system knowledge								-	-	-	-
A14.6.2.2. Operate System								-	-	-	-
A14.6.2.3. Perform operational check								-	-	-	-
A14.6.3. Cockpit Voice Recorder											
A14.6.3.1. General System Knowledge								-	-	-	-
A14.6.3.2. Perform operational check								-	-	-	-
A14.6.3.3. Troubleshoot								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 15 -E-3 Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using E-3 aircraft/systems. If E-3 aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A15.1. GENERAL ORGANIZATION MAINTENANCE TR: 1E-3A-2-7, 1E-3A-2-1-1											
A15.1.1. Aircraft Familiarization											
A15.1.2. Major structure areas								-	-	-	-
A15.1.3. Major systems								-	-	-	-
A15.1.4. Aircraft egress procedures	*							-	-	-	-
A15.2. GENERAL MAINTENANCE TASKS TR: Applicable E-3A technical orders											
A15.2.1. Ensure aircraft safe for maintenance	*							-	-	-	-
A15.2.2. Static grounding	*							-	-	-	-
A15.2.3. Perform aircraft wash								-	-	-	-
A15.2.4. Remove and install (R&I) maintenance panels								-	-	-	-
A15.2.5. Open/close engine cowlings								-	-	-	-
A15.2.6. Open/close nose radome	*							-	-	-	-
A15.2.7. Operate hydraulics								-	-	-	-
A15.2.8. Launch/Recover aircraft								-	-	-	-
A15.2.9. Marshall aircraft								-	-	-	-
A15.2.10. Aircraft tow											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.2.10.1. Wing walking								-	-	-	-
A15.2.10.2. Brake operator								-	-	-	-
A15.2.10.3. Tow vehicle operator								-	-	-	-
A15.2.10.4. Tow supervisor								-	-	-	-
A15.2.11. Refuel/Defuel											
A15.2.11.1. Panel operator								-	-	-	-
A15.2.11.2. Supervisor								-	-	-	-
A15.2.11.3. Fire guard								-	-	-	-
A15.2.12. Jack team member								-	-	-	-
A15.2.13. Aircraft deicing								-	-	-	-
A15.2.14. Connect external cooling air								-	-	-	-
A15.2.15. Filter Cart								-	-	-	-
A15.2.16. SDU-34 Cooling Air Monitor								-	-	-	-
A15.2.17. Apply power using											
A15.2.17.1. APU TR: 1E-3A-2-71-1								-	-	-	-
A15.2.17.2. Generator Set	*							-	-	-	-
A15.2.18. Aircraft/Equipment hazardous condition tags TR: 00-20-5								-	-	-	-
A15.3. COMMUNICATION SYSTEMS											
A15.3.1. Audio Distribution System (AIC-28) TR: 1E-3A-2-23-2											
A15.3.1.1. Purpose and characteristics								-	-	-	-
A15.3.1.2. Theory of operation								-	-	-	-
A15.3.1.3. Perform operational check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.1.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.1.5. Isolate malfunctions		*						-	-	-	-
A15.3.1.6. Inspect installed equipment								-	-	-	-
A15.3.2. High Frequency (HF) Radio (AN/ARC-229) Automatic Link Establishment (ALE) TR: 1E-3A-2-23-2											
A15.3.2.1. Purpose and characteristics								-	-	-	-
A15.3.2.2. Theory of operation								-	-	-	-
A15.3.2.3. Perform operational check											
A15.3.2.3.1. System 1 (flight deck)								-	-	-	-
A15.3.2.3.2. System 1, 2, 3, (Mission)	*							-	-	-	-
A15.3.2.4. Update/operate/load software								-	-	-	-
A15.3.2.5. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.2.6. Isolate malfunctions		*						-	-	-	-
A15.3.2.7. Inspect installed equipment								-	-	-	-
A15.3.3. Very High Frequency (VHF) AM Communications (AN/ARC-166) TR: 1E-3A-2-23-2											
A15.3.3.1. Purpose and characteristics								-	-	-	-
A15.3.3.2. Theory of operation								-	-	-	-
A15.3.3.3. Perform operational check											
A15.3.3.3.1. VHF System 1 (Flight Deck)	*							-	-	-	-
A15.3.3.3.2. VHF System 1, 2, (Mission)								-	-	-	-
A15.3.3.3.3. VHF System 3 (Guard)								-	-	-	-
A15.3.3.4. Remove and install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.3.5. Isolate malfunctions		*						-	-	-	-
A15.3.3.6. Inspect installed equipment								-	-	-	-
A15.3.4. Very High Frequency (VHF) FM (AN/ARC-173) TR: 1E-3A-2-23-2											
A15.3.4.1. Purpose and characteristics								-	-	-	-
A15.3.4.2. Theory of operation								-	-	-	-
A15.3.4.3. Perform operational check								-	-	-	-
A15.3.4.4. Remove and install (R&I) LRUs								-	-	-	-
A15.3.4.5. Isolate malfunctions								-	-	-	-
A15.3.4.6. Inspect installed equipment								-	-	-	-
A15.3.5. UHF Direction Finder (DF) (ARA-50) TR: 1E-3A-2-23-2											
A15.3.5.1. Purpose and characteristics								-	-	-	-
A15.3.5.2. Theory of operation								-	-	-	-
A15.3.5.3. Perform operational check								-	-	-	-
A15.3.5.4. Remove and install (R&I) LRUs								-	-	-	-
A15.3.5.5. Isolate malfunctions								-	-	-	-
A15.3.5.6. Inspect installed equipment								-	-	-	-
A15.3.6. Ultra High Frequency (UHF) Radio System (AN/ARC-169) TR: 1E-3A-2-23-2 & 1E-3A-2-23-3											
A15.3.6.1. Purpose and characteristics								-	-	-	-
A15.3.6.2. Theory of operation								-	-	-	-
A15.3.6.3. Perform operational check											
A15.3.6.3.1. AN/ARC-168(ARC-171)	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.6.3.2. Flight Deck UHF (U-19)								-	-	-	-
A15.3.6.3.3. Have Quick B-Net								-	-	-	-
A15.3.6.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.6.5. Isolate malfunctions		*						-	-	-	-
A15.3.6.6. Inspect installed equipment								-	-	-	-
A15.3.7. UHF Communication System (Have Quick A-NET) (AN/ARC-204) TR: 1E-3A-2-23-2											
A15.3.7.1. Purpose and characteristics								-	-	-	-
A15.3.7.2. Theory of operation								-	-	-	-
A15.3.7.3. Perform operational check											
A15.3.7.3.1. Normal								-	-	-	-
A15.3.7.3.2. Have Quick	*							-	-	-	-
A15.3.7.3.3. TOD (Time Of Day) Transceiver (U20)								-	-	-	-
A15.3.7.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.7.5. Isolate malfunctions		*						-	-	-	-
A15.3.7.6. Inspect installed equipment								-	-	-	-
A15.3.8. Airborne Integrated Terminal Group (AN/ARC-234) TR: Applicable 1E-3A-2 series technical orders											
A15.3.8.1. Purpose and characteristics								-	-	-	-
A15.3.8.2. Theory of operation								-	-	-	-
A15.3.8.3. System Tie-in/Integration								-	-	-	-
A15.3.8.4. Perform operational check											
A15.3.8.4.1. UHF LOS								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.8.4.2. UHF SATCOM								-	-	-	-
A15.3.8.4.3. HAVE QUICK								-	-	-	-
A15.3.8.4.4. VHF								-	-	-	-
A15.3.8.5. Remove and install (R&I) LRUs								-	-	-	-
A15.3.8.6. Isolate malfunctions								-	-	-	-
A15.3.8.7. Inspect installed equipment								-	-	-	-
A15.3.9. Satellite Communications (ARC-171/ SATCOM) Interface Modem) TR: 1E-3A-2-23-2											
A15.3.9.1. Purpose and characteristics								-	-	-	-
A15.3.9.2. Theory of operation								-	-	-	-
A15.3.9.3. Perform operational check											
A15.3.9.3.1. LOS								-	-	-	-
A15.3.9.3.2. SATCOM	*							-	-	-	-
A15.3.9.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.9.5. Isolate malfunctions		*						-	-	-	-
A15.3.9.6. Inspect installed equipment								-	-	-	-
A15.3.10. Flight Recorder / Locator Systems TR: 1E-3A-2-23-2											
A15.3.10.1. Purpose and characteristics								-	-	-	-
A15.3.10.2. Theory of operation								-	-	-	-
A15.3.10.3. Perform operational check											
A15.3.10.3.1. DFDR/FDAU								-	-	-	-
A15.3.10.3.2. CVR								-	-	-	-
A15.3.10.3.3. CPL								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.10.3.4. UAB								-	-	-	-
A15.3.10.4. Remove and install (R&I) LRUs								-	-	-	-
A15.3.10.5. Isolate malfunctions								-	-	-	-
A15.3.10.6. Inspect installed equipment								-	-	-	-
A15.3.11. Cryptographic Devices TR: TM 3155-2USC-43-2 & T.O. 1E-3A-2-23-2											
A15.3.11.1. Inspect								-	-	-	-
A15.3.11.2. Use	*							-	-	-	-
A15.3.11.3. Load								-	-	-	-
A15.3.12. Wide Band Secure Voice (WBSV) (KY-58)											
A15.3.12.1. Purpose and characteristics								-	-	-	-
A15.3.12.2. Theory of operation								-	-	-	-
A15.3.12.3. Perform operational check	*							-	-	-	-
A15.3.12.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.12.5. Isolate malfunctions		*						-	-	-	-
A15.3.12.6. Inspect installed equipment								-	-	-	-
A15.3.13. Narrow Band Secure Voice (NBSV) (ANDVT)											
A15.3.13.1. Purpose and characteristics								-	-	-	-
A15.3.13.2. Theory of operation								-	-	-	-
A15.3.13.3. Perform operational check	*							-	-	-	-
A15.3.13.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.3.13.5. Isolate malfunctions		*						-	-	-	-
A15.3.13.6. Inspect installed equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.3.14. Base Band Switching System (BSS)											
A15.3.14.1. Purpose and characteristics								-	-	-	-
A15.3.14.2. Theory of operation								-	-	-	-
A15.3.14.3. Perform operational check								-	-	-	-
A15.3.14.4. Remove and install (R&I) LRUs								-	-	-	-
A15.3.14.5. Isolate malfunctions								-	-	-	-
A15.3.14.6. Inspect installed equipment								-	-	-	-
A15.3.15. Key Generator (KG-40A/KGX-40)											
A15.3.15.1. Purpose and characteristics								-	-	-	-
A15.3.15.2. Theory of operation								-	-	-	-
A15.3.15.3. Perform operational check								-	-	-	-
A15.3.15.4. Remove and install (R&I) LRUs								-	-	-	-
A15.3.15.5. Isolate malfunctions								-	-	-	-
A15.3.15.6. Inspect installed equipment								-	-	-	-
A15.4. NAVIGATION SYSTEMS											
A15.4.1. Identification Friend or Foe (IFF) Transponders AN/APX-101 TR: 1E-3A-2-34-1											
A15.4.1.1. Purpose and characteristics								-	-	-	-
A15.4.1.2. Theory of operation								-	-	-	-
A15.4.1.3. Perform operational check											
A15.4.1.3.1. Mode 1, 2, 3A, C	*							-	-	-	-
A15.4.1.3.2. Mode 4	*							-	-	-	-
A15.4.1.4. Remove and install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.4.1.5. Isolate malfunctions		*						-	-	-	-
A15.4.1.6. Inspect installed equipment								-	-	-	-
A15.4.2. VHF Navigation System 1, 2 VOR/LOC/GS (51RV-2B) TR: 1E-3A-2-34-1											
A15.4.2.1. Purpose and characteristics								-	-	-	-
A15.4.2.2. Theory of operation								-	-	-	-
A15.4.2.3. Perform operational check	*							-	-	-	-
A15.4.2.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.4.2.5. Isolate malfunctions		*						-	-	-	-
A15.4.2.6. Inspect installed equipment								-	-	-	-
A15.4.3. Marker Beacon System (MKA-28D) TR: 1E-3A-2-34-1											
A15.4.3.1. Purpose and characteristics								-	-	-	-
A15.4.3.2. Theory of operation								-	-	-	-
A15.4.3.3. Perform operational check								-	-	-	-
A15.4.3.4. Remove and install (R&I) LRUs								-	-	-	-
A15.4.3.5. Isolate malfunctions								-	-	-	-
A15.4.3.6. Inspect installed equipment								-	-	-	-
A15.4.4. Automatic Direction Finder (ADF) (51Y-4) TR: 1E-3A-2-34-1											
A15.4.4.1. Purpose and characteristics								-	-	-	-
A15.4.4.2. Theory of operation								-	-	-	-
A15.4.4.3. Perform operational check								-	-	-	-
A15.4.4.4. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.4.4.5. Isolate malfunctions								-	-	-	-
A15.4.4.6. Inspect installed equipment								-	-	-	-
A15.4.5. Radar Transponder (APX-78) TR: 1E-3A-2-34-1											
A15.4.5.1. Purpose and characteristics								-	-	-	-
A15.4.5.2. Theory of operation								-	-	-	-
A15.4.5.3. Perform operational check								-	-	-	-
A15.4.5.4. Remove and install (R&I) LRUs								-	-	-	-
A15.4.5.5. Isolate malfunctions								-	-	-	-
A15.4.5.6. Inspect installed equipment								-	-	-	-
A15.4.6. Tactical Air Navigation System 1, 2 AN/ARN-118(v) TR: 1E-3A-2-34-1											
A15.4.6.1. Purpose and characteristics								-	-	-	-
A15.4.6.2. Theory of operation								-	-	-	-
A15.4.6.3. Perform operational check								-	-	-	-
A15.4.6.4. Remove and install (R&I) LRUs								-	-	-	-
A15.4.6.5. Isolate malfunctions								-	-	-	-
A15.4.6.6. Inspect installed equipment								-	-	-	-
A15.4.7. GPS Integrated Navigation System (GINS) TR: 1E-3A-2-34-4											
A15.4.7.1. Purpose and characteristics								-	-	-	-
A15.4.7.2. Theory of operation								-	-	-	-
A15.4.7.3. System Tie-in/Integration								-	-	-	-
A15.4.7.4. Perform operational check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.4.7.5. Accomplish mission data loads	*							-	-	-	-
A15.4.7.6. Load Lever Arm/Bore-site Data	*							-	-	-	-
A15.4.7.7. Load/Zeroize crypto variables	*							-	-	-	-
A15.4.7.8. Operate Mission Planning Ground Station								-	-	-	-
A15.4.7.9. Remove and install (R&I) LRUs	*							-	-	-	-
A15.4.7.10. Isolate malfunctions		*						-	-	-	-
A15.4.7.11. Inspect installed equipment								-	-	-	-
A15.5. RADAR SYSTEMS											
A15.5.1. Color Weather Radar (AN/APS-133) TR: Applicable E-3A technical orders											
A15.5.1.1. Purpose and characteristics								-	-	-	-
A15.5.1.2. Theory of operation								-	-	-	-
A15.5.1.3. Perform operational check	*							-	-	-	-
A15.5.1.4. Remove and install (R&I) LRUs	*							-	-	-	-
A15.5.1.5. Isolate malfunctions		*						-	-	-	-
A15.5.1.6. Inspect installed equipment								-	-	-	-
A15.5.2. Low Range Altimeter System TR: Applicable E-3A technical orders											
A15.5.2.1. Purpose and characteristics								-	-	-	-
A15.5.2.2. Theory of operation								-	-	-	-
A15.5.2.3. Perform operational check								-	-	-	-
A15.5.2.4. Remove and install (R&I) LRUs								-	-	-	-
A15.5.2.5. Isolate malfunctions								-	-	-	-
A15.5.2.6. Inspect installed equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.6. MISSION SYSTEMS											
A15.6.1. TADIL-A/LINK 11 Digital Data Modem TR: Applicable E-3A technical orders											
A15.6.1.1. Purpose and characteristics								-	-	-	-
A15.6.1.2. Theory of operation								-	-	-	-
A15.6.1.3. Perform operational check								-	-	-	-
A15.6.1.4. E3 to E3 Link TR: 1E-3A-43-3-1-2								-	-	-	-
A15.6.1.5. Remove and install (R&I) LRUs								-	-	-	-
A15.6.1.6. Isolate malfunctions								-	-	-	-
A15.6.1.7. Inspect installed equipment								-	-	-	-
A15.6.2. Joint Tactical Information Distribution System (JTIDS) (URC-107(v)) TR: 1E-3A-2-23-2-1~-6											
A15.6.2.1. Purpose and characteristics								-	-	-	-
A15.6.2.2. Theory of operation								-	-	-	-
A15.6.2.3. System Tie-in/Integration								-	-	-	-
A15.6.2.4. Perform operational check	*							-	-	-	-
A15.6.2.5. E3 to E3 Link (Voice/data)								-	-	-	-
A15.6.2.6. Remove and install (R&I) LRUs	*							-	-	-	-
A15.6.2.7. Remove and install LRMs								-	-	-	-
A15.6.2.8. Isolate malfunctions		*						-	-	-	-
A15.6.2.9. Inspect installed equipment								-	-	-	-
A15.6.3. Broadcast Intelligence System TR: Applicable E-3A technical orders											
A15.6.3.1. Purpose and characteristics								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A15.6.3.2. Theory of operation								-	-	-	-
A15.6.3.3. Load Encryption Data								-	-	-	-
A15.6.3.4. Perform operational check								-	-	-	-
A15.6.3.5. Remove and install (R&I) LRUs								-	-	-	-
A15.6.3.6. Isolate malfunctions								-	-	-	-
A15.6.3.7. Inspect installed equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 16 -E-4B Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using E-4B aircraft/systems. If E-4B aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A16.1. GENERAL ORGANIZATIONAL MAINTENANCE TR: Applicable E-4B technical orders											
A16.1.1. Aircraft Familiarization								-	-	-	-
A16.1.2. Technical order familiarization								-	-	-	-
A16.1.3. Flight line safety/ precautions/ security								-	-	-	-
A16.1.4. Introduction to aircraft/airframe familiarization								-	-	-	-
A16.1.5. Inspection/operation portable external Electrical power unit								-	-	-	-
A16.1.6. Inspect/use ground maintenance stands								-	-	-	-
A16.1.7. Dropped object prevention program (DOPP)								-	-	-	-
A16.1.8. Defensive systems (DS) familiarization on applicable aircraft								-	-	-	-
A16.2. GENERAL MAINTENANCE TR: Applicable E-4B technical orders											
A16.2.1. Statically ground aircraft								-	-	-	-
A16.2.2. Apply/disconnect external electrical power unit	*							-	-	-	-
A16.2.3. Perform aircraft wash								-	-	-	-
A16.2.4. Aircraft Jacking											
A16.2.4.1. Jacking Supervisor								-	-	-	-
A16.2.4.2. Jacking team member								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.2.5. Tow aircraft											
A16.2.5.1. Perform wing/tail walker duties								-	-	-	-
A16.2.5.2. Brake Operator								-	-	-	-
A16.2.6. Enter/Exit Horizontal Stabilizer								-	-	-	-
A16.2.7. Enter/Exit Vertical Stabilizer								-	-	-	-
A16.2.8. Open and Close Nose Radome	*							-	-	-	-
A16.2.9. Remove and install (R&I) Maintenance Panels								-	-	-	-
A16.2.10. Aircraft Egress								-	-	-	-
A16.3. COMMUNICATIONS											
A16.3.1. Interphone Systems											
A16.3.1.1. Flight Interphone TR: 1E-4B-2-23 Section 5											
A16.3.1.1.1. Purpose and Characteristics								-	-	-	-
A16.3.1.1.2. Theory of Operation								-	-	-	-
A16.3.1.1.3. Perform operational checks								-	-	-	-
A16.3.1.1.4. Troubleshoot to LRUs								-	-	-	-
A16.3.1.1.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.1.1.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.1.2. Cabin Interphone TR: 1E-4B-2-23 Section 42											
A16.3.1.2.1. Purpose and Characteristics								-	-	-	-
A16.3.1.2.2. Theory of Operation								-	-	-	-
A16.3.1.2.3. Perform operational checks	*							-	-	-	-
A16.3.1.2.4. Troubleshoot to LRU	*							-	-	-	-
A16.3.1.2.5. Remove and install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.1.2.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.1.3. Battlestaff Interphone TR: 1E-4B-2-23 Section 76											
A16.3.1.3.1. Purpose and Characteristics								-	-	-	-
A16.3.1.3.2. Theory of Operation								-	-	-	-
A16.3.1.3.3. Perform operational checks	*							-	-	-	-
A16.3.1.3.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.3.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.3.6. Advanced Troubleshooting		*						-	-	-	-
A16.3.1.4. Internal Briefing System TR: 1E-4B –43-2-1 Section 82											
A16.3.1.4.1. Purpose and Characteristics								-	-	-	-
A16.3.1.4.2. Theory of Operation								-	-	-	-
A16.3.1.4.3. Perform operational checks	*							-	-	-	-
A16.3.1.4.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.4.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.4.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.1.5. C3 Public Address System TR: 1E-4B-43-2-1 Section 85											
A16.3.1.5.1. Purpose and Characteristics								-	-	-	-
A16.3.1.5.2. Theory of Operation								-	-	-	-
A16.3.1.5.3. Perform operational checks	*							-	-	-	-
A16.3.1.5.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.5.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.1.6. Service Interphone TR: 1E-4B-2-23 Section 41											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.1.6.1. Purpose and Characteristics								-	-	-	-
A16.3.1.6.2. Theory of Operation								-	-	-	-
A16.3.1.6.3. Perform operational checks								-	-	-	-
A16.3.1.6.4. Troubleshoot to LRUs								-	-	-	-
A16.3.1.6.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.1.6.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.1.7. Operator Interphone TR: 1E-4B-43-2-1 Section 81											
A16.3.1.7.1. Purpose and Characteristics								-	-	-	-
A16.3.1.7.2. Theory of Operation								-	-	-	-
A16.3.1.7.3. Perform operational checks	*							-	-	-	-
A16.3.1.7.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.7.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.7.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.1.8. Passenger Interphone TR: 1E-4B-2-23 Section 31											
A16.3.1.8.1. Purpose and Characteristics								-	-	-	-
A16.3.1.8.2. Theory of Operation								-	-	-	-
A16.3.1.8.3. Perform operational checks								-	-	-	-
A16.3.1.8.4. Troubleshoot to LRUs								-	-	-	-
A16.3.1.8.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.1.8.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.1.9. Ground Crew Call TR: 1E-4B-2-23 Section 43											
A16.3.1.9.1. Purpose and Characteristics								-	-	-	-
A16.3.1.9.2. Theory of Operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.1.9.3. Perform operational checks	*							-	-	-	-
A16.3.1.9.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.9.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.9.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.1.10. Refueling Interphone TR: Applicable E-4B technical order											
A16.3.1.10.1. Purpose and Characteristics								-	-	-	-
A16.3.1.10.2. Theory of Operation								-	-	-	-
A16.3.1.10.3. Perform operational checks	*							-	-	-	-
A16.3.1.10.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.1.10.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.1.10.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.2. High Frequency (HF) Radio AN/ARC-190 TR: 1E-4B-43-2-1 Section 31-01											
A16.3.2.1. Purpose and Characteristics								-	-	-	-
A16.3.2.2. Theory of Operation								-	-	-	-
A16.3.2.3. Perform operational checks	*							-	-	-	-
A16.3.2.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.2.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.2.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.3. Automatic Communications Processor (ACP) CP-2024A/ARC-190 TR: 1E-4B-43-2-1 Section 31-18											
A16.3.3.1. Purpose and Characteristics								-	-	-	-
A16.3.3.2. Theory of Operation								-	-	-	-
A16.3.3.3. Perform operational checks	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.3.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.3.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.3.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.4. Medium Frequency (MF) Receiver TR: 1E-4B-43-2-1 Section 05											
A16.3.4.1. Purpose and Characteristics								-	-	-	-
A16.3.4.2. Theory of Operation								-	-	-	-
A16.3.4.3. Perform operational checks								-	-	-	-
A16.3.4.4. Troubleshoot to LRUs								-	-	-	-
A16.3.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.4.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.5. Very High Frequency (VHF) 618-M2 TR: 1E-4B-2-23 Section 21											
A16.3.5.1. Purpose and Characteristics								-	-	-	-
A16.3.5.2. Theory of Operation								-	-	-	-
A16.3.5.3. Perform operational checks	*							-	-	-	-
A16.3.5.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.5.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.6. VHF-FM TR: 1E-4B-43-2-1 Section 28											
A16.3.6.1. Purpose and Characteristics								-	-	-	-
A16.3.6.2. Theory of Operation								-	-	-	-
A16.3.6.3. Perform operational checks								-	-	-	-
A16.3.6.4. Troubleshoot to LRUs								-	-	-	-
A16.3.6.5. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.6.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.7. Portable VHF TR: 1E-4B-43-2-1 Section 21											
A16.3.7.1. Purpose and Characteristics								-	-	-	-
A16.3.7.2. Theory of Operation								-	-	-	-
A16.3.7.3. Perform operational checks								-	-	-	-
A16.3.7.4. Troubleshoot to LRUs								-	-	-	-
A16.3.7.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.7.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.8. Ultra High Frequency (UHF) Radio System AN/ARC-210 TR: 1E-4B-2-23 Section 22											
A16.3.8.1. Purpose and Characteristics								-	-	-	-
A16.3.8.2. Theory of Operation								-	-	-	-
A16.3.8.3. Perform operational checks	*							-	-	-	-
A16.3.8.4. Troubleshoot to LRUs	*							-	-	-	-
A16.3.8.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.8.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.9. UHF Direction Finder (DF) AN/ARA-50 TR: 1E-4B-2-34 Section 56											
A16.3.9.1. Purpose and Characteristics								-	-	-	-
A16.3.9.2. Theory of Operation								-	-	-	-
A16.3.9.3. Perform operational checks								-	-	-	-
A16.3.9.4. Troubleshoot to LRUs								-	-	-	-
A16.3.9.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.9.6. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.10. Cockpit Voice Recorder TR: Applicable E-4B technical orders											
A16.3.10.1. Purpose and Characteristics								-	-	-	-
A16.3.10.2. Theory of Operation								-	-	-	-
A16.3.10.3. Perform operational checks								-	-	-	-
A16.3.10.4. Troubleshoot to LRUs								-	-	-	-
A16.3.10.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.10.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.11. Cockpit Voice Recorder/Digital Flight Data Recorder (CVR/DFDR) TR: Applicable E-4B technical orders											
A16.3.11.1. Purpose and Characteristics								-	-	-	-
A16.3.11.2. Theory of Operation								-	-	-	-
A16.3.11.3. Perform operational checks								-	-	-	-
A16.3.11.4. Troubleshoot to LRU								-	-	-	-
A16.3.11.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.11.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.12. Crash Position Indicator (CPI) TR: 1E-4B-2-23 Section 24											
A16.3.12.1. Purpose and Characteristics								-	-	-	-
A16.3.12.2. Theory of Operation								-	-	-	-
A16.3.12.3. Perform operational checks	*							-	-	-	-
A16.3.12.4. Troubleshoot to LRU	*							-	-	-	-
A16.3.12.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.3.12.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.3.13. Emergency Locator Transmitter (ELT) TR: Applicable E-4B technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.3.13.1. Purpose and Characteristics								-	-	-	-
A16.3.13.2. Theory of Operation								-	-	-	-
A16.3.13.3. Perform operational checks								-	-	-	-
A16.3.13.4. Troubleshoot to LRUs								-	-	-	-
A16.3.13.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.13.6. Troubleshoot to other than LRUs								-	-	-	-
A16.3.14. Direct Access Auxiliary Switching Equipment Group TR: 1E-4B-43-2-1 Section 76											
A16.3.14.1. Purpose and Characteristics								-	-	-	-
A16.3.14.2. Theory of Operation								-	-	-	-
A16.3.14.3. Perform operational checks								-	-	-	-
A16.3.14.4. Troubleshoot to LRUs								-	-	-	-
A16.3.14.5. Remove and install (R&I) LRUs								-	-	-	-
A16.3.14.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4. NAVIGATION SYSTEMS											
A16.4.1. Identification Friend or Foe (IFF) Transponder AR/APX-100 TR: 1E-4B-2-34 Section											
A16.4.1.1. Purpose and Characteristics								-	-	-	-
A16.4.1.2. Theory of Operation								-	-	-	-
A16.4.1.3. Perform operational checks	*							-	-	-	-
A16.4.1.4. Troubleshoot to LRUs	*							-	-	-	-
A16.4.1.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.4.1.6. Troubleshoot to other than LRUs		*						-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.4.2. Identification Friend or Foe (IFF) Transponder APX-72 TR: 1E-4B-2-34 Section 52											
A16.4.2.1. Purpose and Characteristics								-	-	-	-
A16.4.2.2. Theory of Operation								-	-	-	-
A16.4.2.3. Perform operational checks	*							-	-	-	-
A16.4.2.4. Troubleshoot to LRUs	*							-	-	-	-
A16.4.2.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.4.2.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.4.2.7. Mode 4 Computer											
A16.4.2.7.1. Perform operational checks	*							-	-	-	-
A16.4.2.7.2. Troubleshooting	*							-	-	-	-
A16.4.2.7.3. Remove and install (R&I) LRU	*							-	-	-	-
A16.4.3. VHF Navigation System VOR/ILS AN/ARN-511RV-2B TR: 1E-4B-2-23 Section 31											
A16.4.3.1. Purpose and Characteristics								-	-	-	-
A16.4.3.2. Theory of Operation								-	-	-	-
A16.4.3.3. Perform operational checks								-	-	-	-
A16.4.3.4. Troubleshoot to LRUs								-	-	-	-
A16.4.3.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.3.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4.4. Marker Beacon AN/ARN-51Z-4 TR: 1E-4B-2-34 Section 32											
A16.4.4.1. Purpose and Characteristics								-	-	-	-
A16.4.4.2. Theory of Operation								-	-	-	-
A16.4.4.3. Perform operational checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.4.4.4. Troubleshoot to LRUs								-	-	-	-
A16.4.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.4.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4.5. Rendezvous Beacon AN/APX-78 TR: 1E-4B-2-34 Section 51											
A16.4.5.1. Purpose and Characteristics								-	-	-	-
A16.4.5.2. Theory of Operation								-	-	-	-
A16.4.5.3. Perform operational checks	*							-	-	-	-
A16.4.5.4. Troubleshoot to LRUs	*							-	-	-	-
A16.4.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.4.5.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.4.6. Tactical Air Navigation (TACAN) SANS-7000 TR: 1E-4B-2-34 Section 54											
A16.4.6.1. Purpose and Characteristics								-	-	-	-
A16.4.6.2. Theory of Operation								-	-	-	-
A16.4.6.3. Perform operational checks								-	-	-	-
A16.4.6.4. Troubleshoot to LRUs								-	-	-	-
A16.4.6.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.6.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4.7. Inertial Navigation System (INS) TR: Applicable E-4B technical orders											
A16.4.7.1. Purpose and Characteristics								-	-	-	-
A16.47.2. Theory of Operation								-	-	-	-
A16.4.7.3. Perform operational checks								-	-	-	-
A16.4.7.4. Remove and install (R&I) INU								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.4.8. Global Positioning System (GPS) TR: 1E-4B-2-23 Section											
A16.4.8.1. Purpose and Characteristics								-	-	-	-
A16.4.8.2. Theory of Operation								-	-	-	-
A16.4.8.3. Perform operational checks								-	-	-	-
A16.4.8.4. Troubleshoot To LRU								-	-	-	-
A16.4.8.5. Remove and install (R&I) LRU								-	-	-	-
A16.4.8.6. Troubleshoot to other than LRU								-	-	-	-
A16.4.9. Automatic Direction Finder (ADF) ARN-51Y-7 TR: 1E-4B-2-34 Section 57											
A16.4.9.1. Purpose and Characteristics								-	-	-	-
A16.4.9.2. Theory of Operation								-	-	-	-
A16.4.9.3. Perform operational checks								-	-	-	-
A16.4.9.4. Troubleshoot to LRUs								-	-	-	-
A16.4.9.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.9.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4.10. Traffic Alert and Collision Avoidance System (TCAS) TR: Applicable E-4B technical orders											
A16.4.10.1. Purpose and Characteristics								-	-	-	-
A16.4.10.2. Theory of Operation								-	-	-	-
A16.4.10.3. Perform operational checks								-	-	-	-
A16.4.10.4. Troubleshoot to LRUs								-	-	-	-
A16.4.10.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.10.6. Troubleshoot to other than LRUs								-	-	-	-
A16.4.11. Terrain Avoidance Warning System (TAWS) TR: Applicable E-4B technical orders											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.4.11.1. Purpose and Characteristics								-	-	-	-
A16.4.11.2. Theory of Operation								-	-	-	-
A16.4.11.3. Perform operational checks								-	-	-	-
A16.4.11.4. Troubleshoot to LRUs								-	-	-	-
A16.4.11.5. Remove and install (R&I) LRUs								-	-	-	-
A16.4.11.6. Troubleshoot to other than LRUs								-	-	-	-
A16.5. RADAR											
A16.5.1. Color Weather Radar AN/APS-133 TR: 1E-4B-2-34 Section 43											
A16.5.1.1. Purpose and Characteristics								-	-	-	-
A16.5.1.2. Theory of Operation								-	-	-	-
A16.5.1.3. Perform operational checks	*							-	-	-	-
A16.5.1.4. Troubleshoot to LRUs	*							-	-	-	-
A16.5.1.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.5.1.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.5.2. Low Range Radio Altimeter AL-101 TR: 1E-4B-2-34 Section 33											
A16.5.2.1. Purpose and Characteristics								-	-	-	-
A16.5.2.2. Theory of Operation								-	-	-	-
A16.5.2.3. Perform operational checks	*							-	-	-	-
A16.5.2.4. Troubleshoot to LRUs	*							-	-	-	-
A16.5.2.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.5.2.6. Troubleshoot to other than LRUs		*						-	-	-	-
A16.6. MISSION SYSTEMS											
A16.6.1. Voice Systems											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.6.1.1. Airborne Performance Monitor (APM) TR: 1E-4B-43-2-1 Section 43-15-00											
A16.6.1.1.1. Purpose and Characteristics								-	-	-	-
A16.6.1.1.2. Theory of Operation								-	-	-	-
A16.6.1.1.3. Perform operational checks								-	-	-	-
A16.6.1.1.4. Troubleshoot to LRUs								-	-	-	-
A16.6.1.1.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.1.1.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.1.2. C3 Radio Systems (ARC-171) TR: 1E-4B-43-2-1 Section 43-11-01											
A16.6.1.2.1. Purpose and Characteristics								-	-	-	-
A16.6.1.2.2. Theory of Operation								-	-	-	-
A16.6.1.2.3. Perform operational checks								-	-	-	-
A16.6.1.2.4. Troubleshoot to LRUs								-	-	-	-
A16.6.1.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.1.2.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2. Secure Voice Systems											
A16.6.2.1. Secure Voice Switch (ASQ-163) TR: 1E-4B-43-2-1 Section 51											
A16.6.2.1.1. Purpose and Characteristics								-	-	-	-
A16.6.2.1.2. Theory of Operation								-	-	-	-
A16.6.2.1.3. Perform operational checks								-	-	-	-
A16.6.2.1.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.1.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.1.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.2. STUIII/R TR: 1E-4B-43-2-1 Section 51											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.6.2.2.1. Purpose and Characteristics								-	-	-	-
A16.6.2.2.2. Theory of Operation								-	-	-	-
A16.6.2.2.3. Perform operational checks								-	-	-	-
A16.6.2.2.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.2.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.3. Mutiplexer System (ACC-3) TR: 1E-4B-43-2-1 Section 71											
A16.6.2.3.1. Purpose and Characteristics								-	-	-	-
A16.6.2.3.2. Theory of Operation								-	-	-	-
A16.6.2.3.3. Perform operational checks								-	-	-	-
A16.6.2.3.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.3.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.3.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.4. Manual Telephone Switching Set MTSS TR: 1E-4B-43-2-1 Section 74											
A16.6.2.4.1. Purpose and Characteristics								-	-	-	-
A16.6.2.4.2. Theory of Operation								-	-	-	-
A16.6.2.4.3. Perform operational checks								-	-	-	-
A16.6.2.4.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.4.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.5. Automatic Switching System TR: 1E-4B-43-2-1 Section 71											
A16.6.2.5.1. Purpose and Characteristics								-	-	-	-
A16.6.2.5.2. Theory of Operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.6.2.5.3. Perform operational checks								-	-	-	-
A16.6.2.5.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.5.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.5.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.6. Tape Recorder TR: 1E-4B-43-2-1 Section 87											
A16.6.2.6.1. Purpose and Characteristics								-	-	-	-
A16.6.2.6.2. Theory of Operation								-	-	-	-
A16.6.2.6.3. Perform operational checks								-	-	-	-
A16.6.2.6.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.6.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.6.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.7. Communication Patching Facilities TR: 1E-4B-43-2-1 Section 23											
A16.6.2.7.1. Purpose and Characteristics								-	-	-	-
A16.6.2.7.2. Theory of Operation								-	-	-	-
A16.6.2.7.3. Perform operational checks								-	-	-	-
A16.6.2.7.4. Troubleshoot to LRUs								-	-	-	-
A16.6.2.7.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.7.6. Troubleshoot to other than LRUs								-	-	-	-
A16.6.2.8. Test Facilities TR: 1E-4B-43-2-1 Section 24											
A16.6.2.8.1. Purpose and Characteristics								-	-	-	-
A16.6.2.8.2. Theory of Operation								-	-	-	-
A16.6.2.8.3. Perform operational checks								-	-	-	-
A16.6.2.8.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.6.2.8.5. Remove and install (R&I) LRUs								-	-	-	-
A16.6.2.8.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7. DATA SYSTEMS											
A16.7.1. Teletypewriter Group TR: 1E-4B-43-2-1 Section 40											
A16.7.1.1. Purpose and Characteristics								-	-	-	-
A16.7.1.2. Theory of Operation								-	-	-	-
A16.7.1.3. Perform operational checks								-	-	-	-
A16.7.1.4. Troubleshoot to LRUs								-	-	-	-
A16.7.1.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.1.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7.2. Very Low Frequency/Low Frequency (VLF/LF) Radio System TR: 1E-4B-43-2-1 Section											
A16.7.2.1. Purpose and Characteristics								-	-	-	-
A16.7.2.2. Theory of Operation								-	-	-	-
A16.7.2.3. Perform operational checks								-	-	-	-
A16.7.2.4. Troubleshoot to LRUs								-	-	-	-
A16.7.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.2.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7.3. Power Amplifier-Coupler (PA-C) Group (OG-160/A) TR: 1E-4B-43-2 Section											
A16.7.3.1. Purpose and Characteristics								-	-	-	-
A16.7.3.2. Theory of Operation								-	-	-	-
A16.7.3.3. Perform operational checks								-	-	-	-
A16.7.3.4. Troubleshoot to LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.7.3.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.3.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7.4. Autodin Terminal TR: 1E-4B-43-2-1 Section 63											
A16.7.4.1. Purpose and Characteristics								-	-	-	-
A16.7.4.2. Theory of Operation								-	-	-	-
A16.7.4.3. Perform operational checks								-	-	-	-
A16.7.4.4. Troubleshoot to LRUs								-	-	-	-
A16.7.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.4.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7.5. Message Processing System (MPS) TR: 1E-43-2-1 Section 67											
A16.7.5.1. Purpose and Characteristics								-	-	-	-
A16.7.5.2. Theory of Operation								-	-	-	-
A16.7.5.3. Perform operational checks								-	-	-	-
A16.7.5.4. Troubleshoot to LRUs								-	-	-	-
A16.7.5.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.5.6. Troubleshoot to other than LRUs								-	-	-	-
A16.7.6. Secure Data System TR: 1E-43-2-1.Section 69											
A16.7.6.1. Purpose and Characteristics								-	-	-	-
A16.7.6.2. Theory of Operation								-	-	-	-
A16.7.6.3. Perform operational checks								-	-	-	-
A16.7.6.4. Troubleshoot to LRUs								-	-	-	-
A16.7.6.5. Remove and install (R&I) LRUs								-	-	-	-
A16.7.6.6. Troubleshoot to other than LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.8. DATA CRYPTOGRAPHIC DEVICES											
A16.8.1. KG-84 Series TR: Applicable technical Data											
A16.8.1.1. Purpose and Characteristics								-	-	-	-
A16.8.1.2. Theory of Operation								-	-	-	-
A16.8.1.3. Perform operational checks								-	-	-	-
A16.8.1.4. Troubleshoot to LRU								-	-	-	-
A16.8.1.5. Remove and install (R&I) LRUs								-	-	-	-
A16.8.1.6. Troubleshoot to other than LRU								-	-	-	-
A16.8.2. KG-30 Series TR: Applicable technical data											
A16.8.2.1. Purpose and Characteristics								-	-	-	-
A16.8.2.2. Theory of Operation								-	-	-	-
A16.8.2.3. Perform operational checks								-	-	-	-
A16.8.2.4. Troubleshoot to LRU								-	-	-	-
A16.8.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.8.2.6. Troubleshoot to other than LRU								-	-	-	-
A16.9. SATELLITE SYSTEMS											
A16.9.1. Milstar TR: 1E-4B-43-2-1 Section 98											
A16.9.1.1. Antenna Pointing Group TR: Applicable technical data											
A16.9.1.1.1. Purpose and Characteristics								-	-	-	-
A16.9.1.1.2. Theory of Operation								-	-	-	-
A16.9.1.1.3. Perform operational checks								-	-	-	-
A16.9.1.1.4. Troubleshoot to LRU								-	-	-	-
A16.9.1.1.5. Remove and install (R&I) LRUs								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.9.1.1.6. Troubleshoot to other than LRU								-	-	-	-
A16.9.1.2. Common Group TR: Applicable technical data											
A16.9.1.2.1. Purpose and Characteristics								-	-	-	-
A16.9.1.2.2. Theory of Operation								-	-	-	-
A16.9.1.2.3. Perform operational checks								-	-	-	-
A16.9.1.2.4. Troubleshoot to LRU								-	-	-	-
A16.9.1.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.1.2.6. Troubleshoot to other than LRU								-	-	-	-
A16.9.1.3. UHF Group TR: Applicable technical data											
A16.9.1.3.1. Purpose and Characteristics								-	-	-	-
A16.9.1.3.2. Theory of Operation								-	-	-	-
A16.9.1.3.3. Perform operational checks								-	-	-	-
A16.9.1.3.4. Troubleshoot to LRU								-	-	-	-
A16.9.1.3.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.1.3.6. Troubleshoot to other than LRU								-	-	-	-
A16.9.1.4. EHF Group TR: Applicable technical data											
A16.9.1.4.1. Purpose and Characteristics								-	-	-	-
A16.9.1.4.2. Theory of Operation								-	-	-	-
A16.9.1.4.3. Perform operational checks								-	-	-	-
A16.9.1.4.4. Troubleshoot to LRU								-	-	-	-
A16.9.1.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.1.4.6. Troubleshoot to other than LRU								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.9.2. International Maritime Satellite System (INMARSAT) TR: 1E-4B-43-2-1 Section 99											
A16.9.2.1. Purpose and Characteristics								-	-	-	-
A16.9.2.2. Theory of Operation								-	-	-	-
A16.9.2.3. Perform operational checks								-	-	-	-
A16.9.2.4. Troubleshoot to LRUs								-	-	-	-
A16.9.2.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.2.6. Troubleshoot to other than LRUs								-	-	-	-
A16.9.3. UHF SATCOM (USC-42) TR:1E-4B-43-2-1 Section 92											
A16.9.3.1. Purpose and Characteristics								-	-	-	-
A16.9.3.2. Theory of Operation								-	-	-	-
A16.9.3.3. Perform operational checks								-	-	-	-
A16.9.3.4. Troubleshoot to LRUs								-	-	-	-
A16.9.3.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.3.6. Troubleshoot to other than LRUs								-	-	-	-
A16.9.4. UHF VOSAT TR: 1E-4B-43-2-1 Section 94											
A16.9.4.1. Purpose and Characteristics								-	-	-	-
A16.9.4.2. Theory of Operation								-	-	-	-
A16.9.4.3. Perform operational checks								-	-	-	-
A16.9.4.4. Troubleshoot to LRUs								-	-	-	-
A16.9.4.5. Remove and install (R&I) LRUs								-	-	-	-
A16.9.4.6. Troubleshoot to other than LRUs								-	-	-	-
A16.10. COMMON SUPPORT EQUIPMENT											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A16.10.1. Communication System Test Stand (CSTS) AN/GSM-344-A											
A16.10.1.1. Purpose and Characteristics								-	-	-	-
A16.10.1.2. Theory of Operation								-	-	-	-
A16.10.1.3. Perform operational checks	*							-	-	-	-
A16.10.1.4. Basic Troubleshooting	*							-	-	-	-
A16.10.1.5. Remove and install (R&I) LRUs	*							-	-	-	-
A16.10.1.6. Advanced Troubleshooting		*						-	-	-	-
A16.10.2. External VLF/PA Test Load (DA-680) TR: 33A7-54-2, applicable technical data											
A16.10.2.1. Inspect								-	-	-	-
A16.10.2.2. Use								-	-	-	-
A16.10.3. Spark Gap Test Set (TS-2956/ARC-96) TR: 33D7-71-12-1, applicable technical data											
A16.10.3.1. Inspect								-	-	-	-
A16.10.3.2. Use								-	-	-	-
A16.10.4. VLF/LF Transmitter Test Set (TSM-618) TR: Applicable technical data											
A16.10.4.1. Inspect								-	-	-	-
A16.10.4.2. Use								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 17 -E-8C Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using E-8C aircraft/systems. If E-8C aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A17.1. GENERAL ORGANIZATIONAL MAINTENANCE TR: Applicable E-8 technical orders											
A17.1.1. Airframe Familiarization								-	-	-	-
A17.1.2. Perform aircraft safe for maintenance	*							-	-	-	-
A17.1.3. Major Structural Areas								-	-	-	-
A17.1.4. Major Systems								-	-	-	-
A17.1.5. Aircraft Egress Procedures								-	-	-	-
A17.2. GENERAL MAINTENANCE TASKS TR: Applicable E-8 technical orders											
A17.2.1. Technical Order Familiarization								-	-	-	-
A17.2.2. Flightline safety/ precautions/security								-	-	-	-
A17.2.3. Inspect/operate portable external electrical power unit								-	-	-	-
A17.2.4. Inspect/use ground maintenance stands								-	-	-	-
A17.2.5. Dropped object prevention program (DOPP)								-	-	-	-
A17.2.6. Defensive systems (DS) familiarization (on applicable aircraft)								-	-	-	-
A17.2.7. Statically ground aircraft								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.2.8. Apply/disconnect external electrical power unit								-	-	-	-
A17.2.9. Apply external mission power	*							-	-	-	-
A17.2.10. Apply external cooling air	*							-	-	-	-
A17.2.11. Open/close nose radome	*							-	-	-	-
A17.2.12. Perform aircraft wash								-	-	-	-
A17.2.13. Aircraft Jacking TR: Applicable E-8 technical orders											
A17.2.13.1. Jack aircraft								-	-	-	-
A17.2.13.2. Jacking supervisor								-	-	-	-
A17.2.13.3. Jacking team member								-	-	-	-
A17.2.14. Perform refuel/defuel team member duties								-	-	-	-
A17.2.15. Open and close engine cowling								-	-	-	-
A17.2.16. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A17.2.17. Perform aircraft marshaling procedures								-	-	-	-
A17.2.18. Tow aircraft TR: Applicable E-8 technical orders											
A17.2.18.1. Perform wing/tail walker duties								-	-	-	-
A17.2.18.2. Brake Operator								-	-	-	-
A17.3. COMMUNICATIONS SYSTEMS											
A17.3.1. Audio Integration Subsystem (AIC-25) TR: Applicable E-8 technical orders											
A17.3.1.1. Purpose and Characteristics								-	-	-	-
A17.3.1.2. Theory of Operation								-	-	-	-
A17.3.1.3. Perform operational checks	*							-	-	-	-
A17.3.1.4. Isolate Malfunctions		*						-	-	-	-
A17.3.1.5. Remove and install (R&I) LRUs	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.3.1.6. Remove and install LRMs								-	-	-	-
A17.3.1.7. Inspect Installed Equipment								-	-	-	-
A17.3.2. Public Address System											
A17.3.2.1. Purpose and Characteristics								-	-	-	-
A17.3.2.2. Theory of Operation								-	-	-	-
A17.3.2.3. Perform operational checks								-	-	-	-
A17.3.2.4. Isolate Malfunctions								-	-	-	-
A17.3.2.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.2.6. Inspect Installed Equipment								-	-	-	-
A17.3.3. HF Communication System (ARC-190) TR: Applicable E-8 technical orders											
A17.3.3.1. Purpose and Characteristics								-	-	-	-
A17.3.3.2. Theory of Operation								-	-	-	-
A17.3.3.3. Perform operational checks	*							-	-	-	-
A17.3.3.4. Isolate Malfunctions		*						-	-	-	-
A17.3.3.5. Remove and install HF Coupler	*							-	-	-	-
A17.3.3.6. Remove and install (R&I) LRUs	*							-	-	-	-
A17.3.3.7. Inspect Installed Equipment		*						-	-	-	-
A17.3.4. UHF Communication System (ARC-225) TR: Applicable E-8 technical orders											
A17.3.4.1. Purpose and Characteristics								-	-	-	-
A17.3.4.2. Theory of Operation								-	-	-	-
A17.3.4.3. Perform LOS operational checks	*							-	-	-	-
A17.3.4.4. Perform HAVE-QUICK operational checks								-	-	-	-
A17.3.4.5. Isolate Malfunctions		*						-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.3.4.6. Remove and install (R&I) LRUs	*							-	-	-	-
A17.3.4.7. Remove and install LRMs								-	-	-	-
A17.3.4.8. Inspect Installed Equipment								-	-	-	-
A17.3.5. VHF AM/FM Communication System TR: Applicable E-8 technical orders											
A17.3.5.1. Purpose and Characteristics								-	-	-	-
A17.3.5.2. Theory of Operation								-	-	-	-
A17.3.5 3. Perform operational checks	*							-	-	-	-
A17.3.5.4. Isolate Malfunctions		*						-	-	-	-
A17.3.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.3.5.6. Remove and install LRMs								-	-	-	-
A17.3.5.7. Inspect Installed Equipment								-	-	-	-
A17.3.5.8. ARC-186/ Chelton Antenna System								-	-	-	-
A17.3.6. SATCOM TR: Applicable E-8 technical orders											
A17.3.6.1. Purpose and Characteristics								-	-	-	-
A17.3.6.2. Theory of Operation								-	-	-	-
A17.3.6.3. Perform operational checks								-	-	-	-
A17.3.6.4. Isolate Malfunctions								-	-	-	-
A17.3.6.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.6.6. Inspect Installed Equipment								-	-	-	-
A17.3.7. Emergency Communication Systems											
A17.3.7.1. Crash position Indicator/ Locator (CPI/ CPL) Emergency Locator Transmitter (ELT) TR: Applicable E-8 technical orders	3.										
A17.3.7.1.1. Purpose and Characteristics								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.3.7.1.2. Theory of Operation								-	-	-	-
A17.3.7.1.3. Perform operational checks								-	-	-	-
A17.3.7.1.4. Isolate Malfunctions								-	-	-	-
A17.3.7.1.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.7.1.6. Inspect Installed Equipment								-	-	-	-
A17.3.7.2. Underwater Acoustical Beacon (UAB) TR: Applicable E-8 technical orders											
A17.3.7.2.1. Purpose and Characteristics								-	-	-	-
A17.3.7.2.2. Theory of Operation								-	-	-	-
A17.3.7.2.3. Perform operational checks								-	-	-	-
A17.3.7.2.4. Isolate Malfunctions								-	-	-	-
A17.3.7.2.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.7.2.6. Inspect Installed Equipment								-	-	-	-
A17.3.7.3. Cockpit Voice Recorder (CVR) TR: Applicable E-8 technical orders											
A17.3.7.3.1. Purpose and Characteristics								-	-	-	-
A17.3.7.3.2. Theory of Operation								-	-	-	-
A17.3.7.3.3. Perform operational checks								-	-	-	-
A17.3.7.3.4. Isolate Malfunctions								-	-	-	-
A17.3.7.3.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.7.3.6. Inspect Installed Equipment								-	-	-	-
A17.3.8. Secure Data Systems											
A17.3.8.1. Secure Data Unit (KGV-8) TR: Applicable E-8 technical orders											
A17.3.8.1.1. Purpose and Characteristics								-	-	-	-
A17.3.8.1.2. Theory of Operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.3.8.1.3. Perform operational checks								-	-	-	-
A17.3.8.1.4. Isolate Malfunctions								-	-	-	-
A17.3.8.1.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.8.1.6. Inspect Installed Equipment								-	-	-	-
A17.3.8.2. WBSV (KY-58) TR: Applicable E-8 technical orders											
A17.3.8.2.1. Purpose and Characteristics								-	-	-	-
A17.3.8.2.2. Theory of Operation								-	-	-	-
A17.3.8.2.3. Perform operational checks	*							-	-	-	-
A17.3.8.2.4. Isolate Malfunctions								-	-	-	-
A17.3.8.2.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.8.2.6. Inspect Installed Equipment								-	-	-	-
A17.3.8.3. NBSV (ANDVT) TR: Applicable E-8 technical orders											
A17.3.8.3.1. Purpose and Characteristics								-	-	-	-
A17.3.8.3.2. Theory of Operation								-	-	-	-
A17.3.8.3.3. Perform operational checks								-	-	-	-
A17.3.8.3.4. Isolate Malfunctions								-	-	-	-
A17.3.8.3.5. Remove and install (R&I) LRUs								-	-	-	-
A17.3.8.3.6. Inspect Installed Equipment								-	-	-	-
A17.4. NAVIGATION SYSTEMS											
A17.4.1. IFF Transponders (APX-101) TR: Applicable E-8 technical orders											
A17.4.1.1. Purpose and Characteristics								-	-	-	-
A17.4.1.2. Theory of Operation								-	-	-	-
A17.4.1.3. Perform operational checks	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.4.1.4. Isolate Malfunctions		*						-	-	-	-
A17.4.1.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.4.1.6. Inspect Installed Equipment		*						-	-	-	-
A17.4.2. IFF Mode IV Computer (KIT-1C) TR: Applicable E-8 technical orders											
A17.4.2.1. Purpose and Characteristics								-	-	-	-
A17.4.2.2. Theory of Operation								-	-	-	-
A17.4.2.3. Perform operational checks	*							-	-	-	-
A17.4.2.4. Isolate Malfunctions		*						-	-	-	-
A17.4.2.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.4.2.6. Inspect Installed Equipment		*						-	-	-	-
A17.4.3. Low Range Radio Altimeter (LRRA) (AL-101A) TR: Applicable E-8 technical orders											
A17.4.3.1. Purpose and Characteristics								-	-	-	-
A17.4.3.2. Theory of Operation								-	-	-	-
A17.4.3.3. Perform operational checks								-	-	-	-
A17.4.3.4. Isolate Malfunctions								-	-	-	-
A17.4.3.5. Remove and install (R&I) LRUs								-	-	-	-
A17.4.3.6. Inspect Installed Equipment								-	-	-	-
A17.4.4. Tactical Air Navigation (TACAN) (ARN-153) TR: Applicable E-8 technical orders											
A17.4.4.1. Purpose and Characteristics								-	-	-	-
A17.4.4.2. Theory of Operation								-	-	-	-
A17.4.4.3. Perform operational checks								-	-	-	-
A17.4.4.4. Isolate Malfunctions								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.4.4.5. Remove and install (R&I) LRUs								-	-	-	-
A17.4.4.6. Inspect Installed Equipment								-	-	-	-
A17.4.5. Inertial Navigation Systems (INS) TR: Applicable E-8 technical orders											
A17.4.5.1. Purpose and Characteristics								-	-	-	-
A17.4.5.2. Theory of Operation								-	-	-	-
A17.4.5.3. Perform operational checks	*							-	-	-	-
A17.4.5.4. Isolate Malfunctions		*						-	-	-	-
A17.4.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.4.5.6. Inspect Installed Equipment								-	-	-	-
A17.4.6. VOR/ILS (ARN-147) TR: Applicable E-8 technical orders											
A17.4.6.1. Purpose and Characteristics								-	-	-	-
A17.4.6.2. Theory of Operation								-	-	-	-
A17.4.6.3. Perform operational checks								-	-	-	-
A17.4.6.4. Isolate Malfunctions								-	-	-	-
A17.4.6.5. Remove and install (R&I) LRUs								-	-	-	-
A17.4.6.6. Inspect Installed Equipment								-	-	-	-
A17.4.7. ADF (DFA-73) TR: Applicable E-8 technical orders											
A17.4.7.1. Purpose and Characteristics								-	-	-	-
A17.4.7.2. Theory of Operation								-	-	-	-
A17.4.7.3. Perform operational checks								-	-	-	-
A17.4.7.4. Isolate Malfunctions								-	-	-	-
A17.4.7.5. Remove and install (R&I) LRUs								-	-	-	-
A17.4.7.6. Inspect Installed Equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.4.8. Rendezvous Beacon (APX-78) TR: Applicable E-8 technical orders											
A17.4.8.1. Purpose and Characteristics								-	-	-	-
A17.4.8.2. Theory of Operation								-	-	-	-
A17.4.8.3. Perform operational checks								-	-	-	-
A17.4.8.4. Isolate Malfunctions								-	-	-	-
A17.4.8.5. Remove and install (R&I) LRUs								-	-	-	-
A17.4.8.6. Inspect Installed Equipment								-	-	-	-
A17.4.9. Global Positioning System TR: Applicable E-8 technical orders											
A17.4.9.1. Purpose and Characteristics								-	-	-	-
A17.4.9.2. Theory of Operation								-	-	-	-
A17.4.9.3. Perform operational checks	*							-	-	-	-
A17.4.9.4. Isolate Malfunctions		*						-	-	-	-
A17.4.9.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.4.9.6. Inspect Installed Equipment		*						-	-	-	-
A17.5. RADAR SYSTEMS											
A17.5.1. Search and Weather Radar (APS-133) TR: Applicable E-8 technical orders											
A17.5.1.1. Purpose and Characteristics								-	-	-	-
A17.5.1.2. Theory of Operation								-	-	-	-
A17.5.1.3. Perform operational checks	*							-	-	-	-
A17.5.1.4. Isolate Malfunctions		*						-	-	-	-
A17.5.1.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.5.1.6. Inspect Installed Equipment		*						-	-	-	-
A17.6. MISSION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.6.1. Joint Integrated Maintenance Information System (JIMIS) TR: Applicable E-8 technical orders											
A17.6.1.1. Purpose and Characteristics								-	-	-	-
A17.6.1.2. Theory of Operation								-	-	-	-
A17.6.1.3. System Use								-	-	-	-
A17.6.1.4. Submit Changes								-	-	-	-
A17.6.2. Prepare Aircraft for Communication/ Navigation Systems Maintenance TR: Applicable E-8 technical orders											
A17.6.2.1. Perform O&C Computer Initialization/ Shutdown TR: 1E-8C-2-99JG-00-1	*							-	-	-	-
A17.6.2.2. Perform Communication System Initialization TR: 1E-8C-2-43JG-00-1	*							-	-	-	-
A17.6.3. Operator Work Station (OWS) TR: Applicable E-8 technical orders											
A17.6.3.1. Purpose and Characteristics								-	-	-	-
A17.6.3.2. Theory of Operation								-	-	-	-
A17.6.3.3. Perform operational control of assigned systems								-	-	-	-
A17.6.4. Joint Tactical Information Distribution System (JTIDS) TR: Applicable E-8 technical orders											
A17.6.4.1. Purpose and Characteristics								-	-	-	-
A17.6.4.2. Theory of Operation								-	-	-	-
A17.6.4.3. Perform operational checks	*							-	-	-	-
A17.6.4.4. Isolate Malfunctions		*						-	-	-	-
A17.6.4.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.6.4.6. Remove and install LRMs								-	-	-	-
A17.6.4.7. Inspect Installed Equipment		*						-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A17.6.5. Surveillance and Control Data Link (SCDL) TR: Applicable E-8 technical orders											
A17.6.5.1. Purpose and Characteristics								-	-	-	-
A17.6.5.2. Theory of Operation								-	-	-	-
A17.6.5.3. Perform operational checks	*							-	-	-	-
A17.6.5.4. Isolate Malfunctions		*						-	-	-	-
A17.6.5.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.6.5.6. Remove and install LRMs								-	-	-	-
A17.6.5.7. Inspect Installed Equipment		*						-	-	-	-
A17.6.6. Flight Management System (FMS-800) TR: Applicable E-8 technical orders											
A17.6.6.1. Purpose and Characteristics								-	-	-	-
A17.6.6.2. Theory of Operation								-	-	-	-
A17.6.6.3. Perform operational checks	*							-	-	-	-
A17.6.6.4. Isolate Malfunctions		*						-	-	-	-
A17.6.6.5. Remove and install (R&I) LRUs	*							-	-	-	-
A17.6.6.6. Remove and install LRMs								-	-	-	-
A17.6.6.7. Inspect Installed Equipment								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 18 - HH-60(M)G Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using HH-60(M)G aircraft/systems. If HH-60(M)G aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at DSN 736-7891.											
A18.1. GENERAL ORGANIZATIONAL MAINTENANCE TR: 1H-60(H)G-2-11/12/13											
A18.1.1. Introduction to aircraft/airframe familiarization								-	-	-	-
A18.1.2. Major structural areas								-	-	-	-
A18.1.3. Major aircraft systems								-	-	-	-
A18.1.4. Aircraft egress procedures								-	-	-	-
A18.2. GENERAL MAINTENANCE TR: 00-20 series and 1H-60(H)G-2-11/12/13											
A18.2.1. Technical order familiarization								-	-	-	-
A18.2.2. Flightline safety/precautions/ security								-	-	-	-
A18.2.3. Inspection/operation external electrical power unit								-	-	-	-
A18.2.4. Apply/disconnect external electrical power unit to/from aircraft	*							-	-	-	-
A18.2.5. Ensure aircraft is safe for maintenance	*							-	-	-	-
A18.2.6. Inspect/use ground maintenance stands								-	-	-	-
A18.2.7. Dropped object prevention program (DOPP)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.2.8. Defensive systems (DS) familiarization (on applicable aircraft)								-	-	-	-
A18.2.9. Statically ground aircraft								-	-	-	-
A18.2.10. Perform aircraft wash								-	-	-	-
A18.2.11. Aircraft Jacking											
A18.2.11.1. Jack team member								-	-	-	-
A18.2.11.2. Jack team supervisor								-	-	-	-
A18.2.12. Refuel/defuel aircraft											
A18.2.12.1. Refuel/defuel team member								-	-	-	-
A18.2.12.2. Refuel/defuel supervisor								-	-	-	-
A18.2.13. Open and close engine cowling								-	-	-	-
A18.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A18.2.15. Use aircraft interphone system								-	-	-	-
A18.2.16. Perform aircraft marshaling procedures								-	-	-	-
A18.2.17. Tow aircraft											
A18.2.17.1. Perform wing/tail walker duties								-	-	-	-
A18.2.17.2. Brake Operator								-	-	-	-
A18.2.17.3. Tow Vehicle Operator								-	-	-	-
A18.2.17.4. Tow Supervisor								-	-	-	-
A18.2.18. Fold/Unfold Helicopter											
A18.2.18.1. Aircraft tear down								-	-	-	-
A18.2.18.2. Aircraft build up								-	-	-	-
A18.2.19. Perform aircraft inspections											
A18.2.19.1. Special inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.2.19.2. Periodic inspection								-	-	-	-
A18.2.19.3. 10 hour/14 day inspection								-	-	-	-
A18.3. COMMUNICATION SYSTEMS TR: Applicable system technical orders.											
A18.3.1. Interphone Communication System (ICS) TR: 1H-60(M)G-2-11/12/13											
A18.3.1.1. System operation								-	-	-	-
A18.3.1.2. Inspect system								-	-	-	-
A18.3.1.3. Perform operational check								-	-	-	-
A18.3.1.4. Remove and install (R&I)											
A18.3.1.4.1. Control Panel								-	-	-	-
A18.3.1.4.2. Foot Mic Switch	*							-	-	-	-
A18.3.1.4.3. Junction Box								-	-	-	-
A18.3.1.4.4. Audio Transformer								-	-	-	-
A18.3.1.5. Troubleshoot system		*						-	-	-	-
A18.3.2. High Frequency (HF) Radio ARC-199 TR: 1H-60(M)G-2-11/12/13											
A18.3.2.1. System operation								-	-	-	-
A18.3.2.2. Inspect system								-	-	-	-
A18.3.2.3. Perform operational check								-	-	-	-
A18.3.2.4. Remove and install (R&I)											
A18.3.2.4.1. Control/Display Unit								-	-	-	-
A18.3.2.4.2. Amplifier/Coupler								-	-	-	-
A18.3.2.4.3. Receiver/Transmitter								-	-	-	-
A18.3.2.4.4. Antenna Coupler								-	-	-	-
A18.3.2.4.5. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.3.2.4.6. KY-75 Processor								-	-	-	-
A18.3.2.4.7. RCU-2A/B								-	-	-	-
A18.3.2.4.8. Bypass Relay								-	-	-	-
A18.3.2.4.9. Audio Amplifier								-	-	-	-
A18.3.2.4.10. KYV-5 Processor								-	-	-	-
A18.3.2.4.11. SRCU-IIA/B								-	-	-	-
A18.3.2.5. Troubleshoot system								-	-	-	-
A18.3.3. Very High Frequency (VHF) Systems (ARC-186, ARC-222) TR: 1H-60(M)G-2-11/12/13											
A18.3.3.1. ARC-186 VHF AM/FM RADIO											
A18.3.3.1.1. System operation								-	-	-	-
A18.3.3.1.2. Inspect system								-	-	-	-
A18.3.3.1.3. Perform operational check	*							-	-	-	-
A18.3.3.1.4. Remove and install (R&I)											
A18.3.3.1.4.1. Control Panel								-	-	-	-
A18.3.3.1.4.2. Bandpass Filter								-	-	-	-
A18.3.3.1.4.3. Receiver/Transmitter								-	-	-	-
A18.3.3.1.4.4. Antenna								-	-	-	-
A18.3.3.1.4.5. Logic Unit								-	-	-	-
A18.3.3.1.4.6. Diplexer								-	-	-	-
A18.3.3.1.4.7. Bandpass Filter								-	-	-	-
A18.3.3.1.4.8. Signal Data Converter								-	-	-	-
A18.3.3.1.4.9. FM Homing Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.3.3.1.4.10. Receiver-Transmitter Mount								-	-	-	-
A18.3.3.1.5. Troubleshoot system		*						-	-	-	-
A18.3.3.1.6. Perform minimum system performance checks								-	-	-	-
A18.3.3.2. VHF AM/FM Radio ARC-222 TR: Applicable system technical orders											
A18.3.3.2.1. System operation								-	-	-	-
A18.3.3.2.2. Inspect system								-	-	-	-
A18.3.3.2.3. Perform operational check	*							-	-	-	-
A18.3.3.2.4. Remove and install (R&I)											
A18.3.3.2.4.1. Control Panel								-	-	-	-
A18.3.3.2.4.2. Bandpass Filter								-	-	-	-
A18.3.3.2.4.3. Receiver/Transmitter								-	-	-	-
A18.3.3.2.4.4. Tunable Antenna								-	-	-	-
A18.3.3.2.4.5. Switching Unit								-	-	-	-
A18.3.3.2.4.6. Band-Pass Duplexer								-	-	-	-
A18.3.3.2.4.7. FM Homing Antenna								-	-	-	-
A18.3.3.2.4.8. Receiver-Transmitter Mount								-	-	-	-
A18.3.3.2.5. Load								-	-	-	-
A18.3.3.2.6. Troubleshoot system		*						-	-	-	-
A18.3.4. Ultra High Frequency (UHF) Radio ARC-164 TR: 1H-60(M)G-2-11/12/13											
A18.3.4.1. System operation								-	-	-	-
A18.3.4.2. Inspect system								-	-	-	-
A18.3.4.3. Perform operational check	*							-	-	-	-
A18.3.4.4. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.3.4.4.1. Control Set								-	-	-	-
A18.3.4.4.2. Antenna								-	-	-	-
A18.3.4.4.3. Diplexer								-	-	-	-
A18.3.4.5. Load								-	-	-	-
A18.3.4.6. Troubleshoot system		*						-	-	-	-
A18.3.4.7. Perform minimum performance checks								-	-	-	-
A18.3.5. Satellite Communication (SATCOM) Systems (URC-108, URC-133, ARC-187) TR: 1H-60(M)G-2-11/12/13 for applicable system											
A18.3.5.1. URC-108 System											
A18.3.5.1.1. System operation								-	-	-	-
A18.3.5.1.2. Inspect system								-	-	-	-
A18.3.5.1.3. Perform operational check								-	-	-	-
A18.3.5.1.4. Remove and install (R&I)											
A18.3.5.1.4.1. Amplifier Filter								-	-	-	-
A18.3.5.1.4.2. Antenna								-	-	-	-
A18.3.5.1.4.3. Control Panel								-	-	-	-
A18.3.5.1.4.4. Auxiliary Panel								-	-	-	-
A18.3.5.1.4.5. Receiver Transmitter								-	-	-	-
A18.3.5.1.4.6. Junction Box								-	-	-	-
A18. 3.5.1.5. Load Secure Codes								-	-	-	-
A18.3.5.1.6. Troubleshoot system								-	-	-	-
A18.3.5.1.7. Perform minimum performance checks								-	-	-	-
A18.3.5.2. URC-133 System											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.3.5.2.1. System operation								-	-	-	-
A18.3.5.2.2. Inspect system								-	-	-	-
A18.3.5.2.3. Perform operational check								-	-	-	-
A18.3.5.2.4. Remove and install (R&I)											
A18.3.5.2.4.1. Amplifier Filter								-	-	-	-
A18.3.5.2.4.2. Antenna								-	-	-	-
A18.3.5.2.4.3. Control Panel								-	-	-	-
A18.3.5.2.4.4. Cryptographic Control Panel								-	-	-	-
A18.3.5.2.4.5. Receiver Transmitter								-	-	-	-
A18.3.5.2.5. Load Secure Codes								-	-	-	-
A18.3.5.2.6. Troubleshoot system								-	-	-	-
A18.3.5.3. ARC-187 System											
A18.3.5.3.1. System operation								-	-	-	-
A18.3.5.3.2. Inspect system								-	-	-	-
A18.3.5.3.3. Perform operational check								-	-	-	-
A18.3.5.3.4. Remove and install (R&I)											
A18.3.5.3.4.1. Amplifier Filter								-	-	-	-
A18.3.5.3.4.2. Antenna								-	-	-	-
A18.3.5.3.4.3. Control Panel								-	-	-	-
A18.3.5.3.4.4. Cryptographic Control Panel								-	-	-	-
A18.3.5.3.4.5. Receiver Transmitter								-	-	-	-
A18.3.5.3.5. Load Secure Codes								-	-	-	-
A18.3.5.3.6. Troubleshoot system								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.3.6. Secure Voice Systems (KY-58) TR: 1H-60(H)G-2-11/12/13											
A18.3.6.2. KY-58 SYSTEM											
A18.3.6.2.1. System operation								-	-	-	-
A18.3.6.2.2. Inspect system								-	-	-	-
A18.3.6.2.3. Perform operational check	*							-	-	-	-
A18.3.6.2.4. Remove and install (R&I)											
A18.3.6.2.4.1. Processor								-	-	-	-
A18.3.6.2.4.2. Adapter/Retrofit	*							-	-	-	-
A18.3.6.2.4.3. Remote Control Unit								-	-	-	-
A18.3.6.2.4.4. Mount Tray								-	-	-	-
A18.3.6.2.4.5. Processor Battery								-	-	-	-
A18.3.6.2.5. Load								-	-	-	-
A18.3.6.2.6. Troubleshoot system		*						-	-	-	-
A18.3.6.3. KY-879 Data Burst System TR: 1H-60(M)G-2-11/12/13											
A18.3.6.3.1. System operation								-	-	-	-
A18.3.6.3.2. Inspect system								-	-	-	-
A18.3.6.3.3. Perform operational check								-	-	-	-
A18.3.6.3.4. Remove and install (R&I)											
A18.3.6.3.4.1. Control Panel								-	-	-	-
A18.3.6.3.4.2. Keyer-Message De vice								-	-	-	-
A18.3.6.3.4.3. Radio Set Jumper Cables								-	-	-	-
A18.3.6.3.4.4. Audio Amplifier								-	-	-	-
A18.3.6.3.5. Troubleshoot system								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4. NAVIGATION SYSTEMS TR: Applicable system technical orders.											
A18.4.1. APX-100 Identification Friend or Foe (IFF) System TR: 1H-60(M)G-2-11/12/13											
A18.4.1.1. System operation								-	-	-	-
A18.4.1.2. Inspect system								-	-	-	-
A18.4.1.3. Perform operational check	*							-	-	-	-
A18.4.1.4. Remove and install (R&I)											
A18.4.1.4.1. Receiver-Transmitter/Control								-	-	-	-
A18.4.1.4.2. KIT-1C Computer								-	-	-	-
A18.4.1.4.3. Antennas								-	-	-	-
A18.4.1.4.4. KIT-1C Battery								-	-	-	-
A18.4.1.5. Load Secure Codes								-	-	-	-
A18.4.1.6. Troubleshoot system		*						-	-	-	-
A18.4.1.7. Perform minimum performance checks								-	-	-	-
A18.4.2. Civil Navigation Systems (AN/ARN-123, 147) TR: 1H-60(M)G-2-11/12/13											
A18.4.2.1. AN/ARN-123 System											
A18.4.2.1.1. System operation								-	-	-	-
A18.4.2.1.2. Inspect system								-	-	-	-
A18.4.2.1.3. Perform operational check								-	-	-	-
A18.4.2.1.4. Remove and install (R&I)											
A18.4.2.1.4.1. Receiver Control								-	-	-	-
A18.4.2.1.4.2. Receiver								-	-	-	-
A18.4.2.1.4.3. Mount								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.2.1.4.4. Glide Slope Antenna								-	-	-	-
A18.4.2.1.4.5. VOR/LOC Antenna								-	-	-	-
A18.4.2.1.5. Troubleshoot system								-	-	-	-
A18.4.2.1.6. Perform minimum system performance checks								-	-	-	-
A18.4.2.2. AN-ARN-147 System											
A18.4.2.2.1. System operation								-	-	-	-
A18.4.2.2.2. Inspect system								-	-	-	-
A18.4.2.2.3. Perform operational check								-	-	-	-
A18.4.2.2.4. Remove and install (R&I)											
A18.4.2.2.4.1. Receiver Control								-	-	-	-
A18.4.2.2.4.2. Receiver								-	-	-	-
A18.4.2.2.4.3. Mount								-	-	-	-
A18.4.2.2.4.4. Glide Slope Antenna								-	-	-	-
A18.4.2.2.4.5. VOR/LOC Antenna								-	-	-	-
A18.4.2.2.5. Troubleshoot system								-	-	-	-
A18.4.3. Tactical Air Navigation (TACAN) System ARN-118 TR: 1H-60(M)G-2-11/12/13											
A18.4.3.1. System operation								-	-	-	-
A18.4.3.2. Inspect system								-	-	-	-
A18.4.3.3. Perform operational check								-	-	-	-
A18.4.3.4. Remove and install (R&I)											
A18.4.3.4.1. Control Panel								-	-	-	-
A18.4.3.4.2. Receiver-Transmitter								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.3.4.3. MX Adapter								-	-	-	-
A18.4.3.4.4. Mount								-	-	-	-
A18.4.3.4.5. Antennas								-	-	-	-
A18.4.3.4.6. Relays								-	-	-	-
A18.4.3.4.7. MODE Select Panel								-	-	-	-
A18.4.3.4.8. DME Indicator								-	-	-	-
A18.4.3.4.9. Bandpass Filter								-	-	-	-
A18.4.3.5. Troubleshoot system								-	-	-	-
A18.4.4. Inertial Navigation System (INS TR: 1H-60(M)G-2-11/12/13											
A18.4.4.1. System operation								-	-	-	-
A18.4.4.2. Inspect system								-	-	-	-
A18.4.4.3. Perform operational check	*							-	-	-	-
A18.4.4.4. Remove and install (R&I)											
A18.4.4.4.1. Replace Inertial Navigation Unit (INU)	*							-	-	-	-
A18.4.4.4.2. Replace INU Cooling Fan								-	-	-	-
A18.4.4.5. Troubleshoot system		*						-	-	-	-
A18.4.4.6. Perform minimum performance checks								-	-	-	-
A18.4.5. Global Positioning System (GPS) AN/ARN-151 TR: 1H-60(M)G-2-11/12/13											
A18.4.5.1. System operation								-	-	-	-
A18.4.5.2. Inspect system								-	-	-	-
A18.4.5.3. Perform operational check								-	-	-	-
A18.4.5.4. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.5.4.1. Receiver								-	-	-	-
A18.4.5.4.2. GPS Battery								-	-	-	-
A18.4.5.4.3. Receiver Mount and Harness Assembly								-	-	-	-
A18.4.5.4.4. Antenna								-	-	-	-
A18.4.5.4.5. Antenna Electronics Unit								-	-	-	-
A18.4.5.4.6. KYK-13 Interface Panel								-	-	-	-
A18.4.5.5. Troubleshoot system								-	-	-	-
A18.4.5.6. Perform minimum performance checks								-	-	-	-
A18.4.6. Automatic Direction Finder Systems TR: 1H-60(M)G-2-11/12/13											
A18.4.6.1. Automatic Direction Finder (ADF) System ARN-89 TR: 1H-60(M)G-2-11/12/13											
A18.4.6.1.1. System operation								-	-	-	-
A18.4.6.1.2. Inspect system								-	-	-	-
A18.4.6.1.3. Perform operational check								-	-	-	-
A18.4.6.1.4. Remove and install (R&I)											
A18.4.6.1.4.1. Radio Receiver								-	-	-	-
A18.4.6.1.4.2. Control Panel								-	-	-	-
A18.4.6.1.4.3. Loop Antenna								-	-	-	-
A18.4.6.1.4.4. Impedance Matching Amplifier								-	-	-	-
A18.4.6.1.4.5. Sense Antenna								-	-	-	-
A18.4.6.1.5. Adjust Impedance Matching Amplifier								-	-	-	-
A18.4.6.1.6. Troubleshoot system								-	-	-	-
A18.4.6.2. UHF Direction Finder (UHF-DF) DF-301E TR: 1H-60(M)G-2-11/12/13											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.6.2.1. System operation								-	-	-	-
A18.4.6.2.2. Inspect system								-	-	-	-
A18.4.6.2.3. Perform operational check								-	-	-	-
A18.4.6.2.4. Remove and install (R&I)											
A18.4.6.2.4.1. Antenna								-	-	-	-
A18.4.6.2.4.2. K35 Relay								-	-	-	-
A18.4.6.2.4.3. Coaxial Switch								-	-	-	-
A18.4.6.2.5. Troubleshoot system								-	-	-	-
A18.4.6.2.6. Perform minimum system performance checks								-	-	-	-
A18.4.6.3. Lightweight Airborne Recovery System (LARS) AN/ARS-6 TR: 1H-60(M)G-2-11/12/13											
A18.4.6.3.1. System operation								-	-	-	-
A18.4.6.3.2. Inspect system								-	-	-	-
A18.4.6.3.3. Perform operational check								-	-	-	-
A18.4.6.3.4. Remove and install (R&I)											
A18.4.6.3.4.1. Receiver-Transmitter								-	-	-	-
A18.4.6.3.4.2. Receiver-Transmitter Mount								-	-	-	-
A18.4.6.3.4.3. Control Display Unit								-	-	-	-
A18.4.6.3.4.4. Remote Display Unit								-	-	-	-
A18.4.6.3.4.5. Antenna Switching Unit								-	-	-	-
A18.4.6.3.4.6. UHF Blade Antenna Set								-	-	-	-
A18.4.6.3.4.7. UHF Blade Antenna Mount								-	-	-	-
A18.4.6.3.4.8. LARS Relay								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.6.3.4.9. Blade Antenna Phase-Matched Cable								-	-	-	-
A18.4.6.3.5. Troubleshoot system								-	-	-	-
A18.4.7. Doppler Navigation System AN/ASN-137 TR: 1H-60(M)G-2-11/12/13											
A18.4.7.1. System operation								-	-	-	-
A18.4.7.2. Inspect system								-	-	-	-
A18.4.7.3. Perform operational check								-	-	-	-
A18.4.7.4. Remove and install (R&I)											
A18.4.7.4.1. Signal Data Converter								-	-	-	-
A18.4.7.4.2. Receiver-Transmitter/Antenna								-	-	-	-
A18.4.7.4.3. Battery								-	-	-	-
A18.4.7.5. Troubleshoot system								-	-	-	-
A18.4.8. Map Reader System KG-10 TR: 1H-60(M)G-2-11/12/13											
A18.4.8.1. System operation								-	-	-	-
A18.4.8.2. Inspect system								-	-	-	-
A18.4.8.3. Perform operational check								-	-	-	-
A18.4.8.4. Remove and install (R&I)											
A18.4.8.4.1. Display Unit								-	-	-	-
A18.4.8.4.2. Avionics Switch Panel								-	-	-	-
A18.4.8.4.3. Light Dot Unit								-	-	-	-
A18.4.8.5. Troubleshoot system								-	-	-	-
A18.4.8.6. Perform minimum performance checks								-	-	-	-
A18.4.9. System Interfaces TR: 1H-60(M)G-2-9/11/12/13											
A18.4.9.1. System operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.4.9.2. Inspect system								-	-	-	-
A18.4.9.3. Operate associated systems as necessary to perform normal maintenance.								-	-	-	-
A18.4.9.4. Remove and install (R&I)											
A18.4.9.4.1. Radio Retransmission Control Panel								-	-	-	-
A18.4.9.4.2. Pin Filtered Adapter								-	-	-	-
A18.4.9.4.3. Aircraft Junction Unit								-	-	-	-
A18.4.9.4.4. Control Display Unit								-	-	-	-
A18.4.9.4.5. Control Display Unit Fan								-	-	-	-
A18.4.9.4.6. Avionics Nav/Switch Panel								-	-	-	-
A18.4.9.4.7. Data Link Coupler								-	-	-	-
A18.4.9.4.8. Navigation System Hardware Controller								-	-	-	-
A18.4.9.4.9. CIS MODE Select Panel								-	-	-	-
A18.4.9.4.10. NAV MODE Select Panel								-	-	-	-
A18.4.9.4.11. Data Transfer Unit								-	-	-	-
A18.4.9.4.12. Miscellaneous Switch Panel								-	-	-	-
A18.4.9.5. Troubleshoot system Interface								-	-	-	-
A18.5. RADAR SYSTEMS TR: 1H-60(M)G-2-11/12/13											
A18.5.1. Radar Altimeter System APN-209 TR: 1H-60(M)G-2-11/12/13											
A18.5.1.1. System operation								-	-	-	-
A18.5.1.2. Inspect system								-	-	-	-
A18.5.1.3. Perform operational check								-	-	-	-
A18.5.1.4. Remove and install (R&I)											
A18.5.1.4.1. Receiver-Transmitter/Indicator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.5.1.4.2. Antennas								-	-	-	-
A18.5.1.4.3. Height Indicator								-	-	-	-
A18.5.1.4.4. Dimming Control								-	-	-	-
A18.5.1.5. Perform Zero Adjust								-	-	-	-
A18.5.1.6. Troubleshoot system								-	-	-	-
A18.5.2. Voice Altitude Warning System (VAWS) TR: 1H-60(M)G-2-11/12/13											
A18.5.2.1. System operation								-	-	-	-
A18.5.2.2. Inspect system								-	-	-	-
A18.5.2.3. Perform operational check								-	-	-	-
A18.5.2.4. Remove and install (R&I) VAWS Control Device								-	-	-	-
A18.5.2.5. Troubleshoot system								-	-	-	-
A18.5.3. Color Weather Radar (CWR) System AN/APN-239 TR: 1H-60(M)G-2-11/12/13											
A18.5.3.1. System operation								-	-	-	-
A18.5.3.2. Inspect system								-	-	-	-
A18.5.3.3. Perform operational check								-	-	-	-
A18.5.3.4. Remove and install (R&I)											
A18.5.3.4.1. Radome								-	-	-	-
A18.5.3.4.2. Antenna								-	-	-	-
A18.5.3.4.3. Antenna Drive Unit								-	-	-	-
A18.5.3.4.4. Isolation Transformer								-	-	-	-
A18.5.3.4.5. Receiver-Transmitter								-	-	-	-
A18.5.3.4.6. Receiver-Transmitter Mount Tray								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.5.3.4.7. Waveguide								-	-	-	-
A18.5.3.4.8. Radar Indicator								-	-	-	-
A18.5.3.4.9. Radar Indicator Mount Tray								-	-	-	-
A18.5.3.4.10. Remote Computer Unit								-	-	-	-
A18.5.3.4.11. Remote Computer Mount Tray								-	-	-	-
A18.5.3.4.12. Wiring Harnesses								-	-	-	-
A18.5.3.5. Troubleshoot system								-	-	-	-
A18.6. MISSION SYSTEMS TR: 1H-60(M)G-2-11/12/13											
A18.6.1. Forward Looking Infrared Systems (FLIR) AN/AAQ-16, AAQ-22 TR: 1H-60(M)G-2-11/12/13											
A18.6.1.1. AN/AAQ-16 FLIR System											
A18.6.1.1.1. System operation								-	-	-	-
A18.6.1.1.2. Inspect system								-	-	-	-
A18.6.1.1.3. Perform operational check	*							-	-	-	-
A18.6.1.1.4. Remove and install (R&I)											
A18.6.1.1.4.1. System Control Unit								-	-	-	-
A18.6.1.1.4.2. Turret FLIR Unit	*							-	-	-	-
A18.6.1.1.4.3. Display Unit								-	-	-	-
A18.6.1.1.4.4. System Electronics Unit								-	-	-	-
A18.6.1.1.4.5. Display Electronics Unit								-	-	-	-
A18.6.1.1.4.6. Multi-Function Control Unit								-	-	-	-
A18.6.1.1.5. Troubleshoot system		*						-	-	-	-
A18.6.1.2. AN/AAQ-22 FLIR System											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A18.6.1.2.1. System operation								-	-	-	-
A18.6.1.2.2. Inspect system								-	-	-	-
A18.6.1.2.3. Perform operational check	*							-	-	-	-
A18.6.1.2.4. Perform Vacuum Check								-	-	-	-
A18.6.1.2.5. TFU Scan Cavity Evacuation		*						-	-	-	-
A18.6.1.2.6. Remove and install (R&I)											
A18.6.1.2.6.1. Turret FLIR Unit	*							-	-	-	-
A18.6.1.2.6.2. TFU Upper Mounting Plate								-	-	-	-
A18.6.1.2.6.3. Video Display Unit								-	-	-	-
A18.6.1.2.6.4. Video Cassette Recorder								-	-	-	-
A18.6.1.2.6.5. VCR Mounting Bracket								-	-	-	-
A18.6.1.2.6.6. No. 1 and No. 1 Video Relays								-	-	-	-
A18.6.1.2.6.7. FE Hand Control Unit								-	-	-	-
A18.6.1.2.6.8. P/CP Hand Control Unit								-	-	-	-
A18.6.1.2.6.9. Central Electronics Unit								-	-	-	-
A18.6.1.2.6.10. SEU/CEU Adapter Mount Assembly								-	-	-	-
A18.6.1.2.5. Troubleshoot system		*						-	-	-	-
A18.6.1.2.6. Perform minimum performance checks								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 19 - SOF Training Requirements NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications. NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime. NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision. NOTE 4: Items marked in columns 2A or 2B marked with a */R are optional core tasks for ANG and AFRC. NOTE 5: Items coded in column 4A will be trained using Special Operations Forces aircraft/systems. If Special Operations Forces aircraft/systems are unavailable, representative systems from other aircraft may be used. NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at N 736-7891.											
A19.1. C-130E ON-EQUIPMENT MAINTENANCE											
A19.1.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A19.1.1.1. Aircraft Familiarization								-	-	-	-
A19.1.1.2. Major Structure Areas								-	-	-	-
A19.1.1.3. Major Systems								-	-	-	-
A19.1.2. GENERAL MAINTENANCE TASKS											
A19.1.2.1. Technical order familiarization								-	-	-	-
A19.1.2.2. Flightline safety/ precautions/ security	*							-	-	-	-
A19.1.2.3. Ensure Aircraft is safe for Maintenance								-	-	-	-
A19.1.2.4. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.1.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.1.2.6. Inspect/use ground maintenance stands								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.1.2.8. Statically ground aircraft								-	-	-	-
A19.1.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.1.2.10. Perform aircraft wash								-	-	-	-
A19.1.2.11. Perform refuel/defuel team member duties											
A19.1.2.11.1. Refuel/defuel Supervisor								-	-	-	-
A19.1.2.11.2. SPR Panel operator								-	-	-	-
A19.1.2.11.3. Flight deck fuel panel operator								-	-	-	-
A19.1.2.12. Open and close engine cowling								-	-	-	-
A19.1.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.1.2.14. Open and Close Nose Radome	*							-	-	-	-
A19.1.2.15. Open and Close Nose Wheel Door								-	-	-	-
A19.1.2.16. Perform aircraft marshaling procedures								-	-	-	-
A19.1.2.17. Tow aircraft											
A19.1.2.17.1. Perform wing/tail walker duties								-	-	-	-
A19.1.2.17.2. Brake Operator								-	-	-	-
A19.1.2.18. Jack Aircraft											
A19.1.2.18.1. Jacking supervisor								-	-	-	-
A19.1.2.18.2. Jacking team member								-	-	-	-
A19.1.2.19. Operate Aircraft GTC								-	-	-	-
A19.1.3. COMMUNICATION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.3.1. AN/AIC-18/25 Interphone TR: 1C-130(A)H-2-23JG-40-1, C-130H-2-23FI-40-1 and 1C-130B-2-13											
A19.1.3.1.1. Perform operational check								-	-	-	-
A19.1.3.1.2. Remove and install (R&I)											
A19.1.3.1.2.1. INTER/INPH Control Panel								-	-	-	-
A19.1.3.1.2.2. Master Volume Control Panel								-	-	-	-
A19.1.3.1.2.3. Monitor Panel								-	-	-	-
A19.1.3.1.2.4. Auxiliary ICS Control Panel								-	-	-	-
A19.1.3.1.2.5. INTER/MIC Control Switch								-	-	-	-
A19.1.3.1.2.6. Foot Switch								-	-	-	-
A19.1.3.1.2.7. Communication Cord								-	-	-	-
A19.1.3.1.3. Fault isolation								-	-	-	-
A19.1.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.1.5. Perform Phase Inspection								-	-	-	-
A19.1.3.2. AN/ARC-190 HF Communications TR: 1C-130H-2-23JG-10-1, 1C-130H-2-23FI -10-1 and 1C-130B-2-13											
A19.1.3.2.1. Perform operational Check	*							-	-	-	-
A19.1.3.2.2. Remove and install (R&I)											
A19.1.3.2.2.1. R/T								-	-	-	-
A19.1.3.2.2.2. R/T Mount								-	-	-	-
A19.1.3.2.2.3. Automatic Control Processor								-	-	-	-
A19.1.3.2.2.4. Antenna Coupler								-	-	-	-
A19.1.3.2.2.5. Antenna Mast/Lighting Arrestor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.3.2.2.6. External Wire Antenna								-	-	-	-
A19.1.3.2.3. Fault isolation								-	-	-	-
A19.1.3.2.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.1.3.2.5. Perform Phase Inspection								-	-	-	-
A19.1.3.3. AN/ARC-186 VHF Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2-23FI -20-1 and 1C-130B-2-13											
A19.1.3.3.1. Perform operational Check	*							-	-	-	-
A19.1.3.3.2. Remove and install (R&I)											
A19.1.3.3.2.1. R/T								-	-	-	-
A19.1.3.3.2.2. Antennas								-	-	-	-
A19.1.3.3.3. Fault isolation								-	-	-	-
A19.1.3.3.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.1.3.3.5. Perform Phase Inspections								-	-	-	-
A19.1.3.4. AN/ARC-164 UHF Communications TR: T.O. 1C-130H-2-23JG-20-1, 1C-130H-2 -23FI-20-1 and 1C-130B-2-13											
A19.1.3.4.1. Perform operational Check	*							-	-	-	-
A19.1.3.4.2. Remove and install (R&I)											
A19.1.3.4.2.1. R/T								-	-	-	-
A19.1.3.4.2.2. Control Panel								-	-	-	-
A19.1.3.4.2.3. UHF/IFF Diplexer								-	-	-	-
A19.1.3.4.2.4. Antennas								-	-	-	-
A19.1.3.4.3. Fault isolation								-	-	-	-
A19.1.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.3.4.5. Perform Phase Inspection								-	-	-	-
A19.1.3.5. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2 -23FI-20-2 and 1C-130B-2-13											
A19.1.3.5.1. Perform operational Check	*							-	-	-	-
A19.1.3.5.2. Remove and install (R&I)											
A19.1.3.5.2.1. Processor								-	-	-	-
A19.1.3.5.2.2. Adapter Interface								-	-	-	-
A19.1.3.5.2.3. Processor Fill Battery								-	-	-	-
A19.1.3.5.2.4. Remove and install (R&I) Control Unit (RCU)								-	-	-	-
A19.1.3.5.3. Fault isolation								-	-	-	-
A19.1.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.5.5. Perform Phase Inspection								-	-	-	-
A19.1.3.6. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130H-2-23JG-10.2, 1C-130H-2-23FI-10-2 and 1C-130B-2-13)											
A19.1.3.6.1. Perform operational Check	*							-	-	-	-
A19.1.3.6.2. Remove and install (R&I)											
A19.1.3.6.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.1.3.6.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.1.3.6.2.3. ANDVT Fill Battery								-	-	-	-
A19.1.3.6.2.4. Split Remove Control Unit (SRCU)								-	-	-	-
A19.1.3.6.3. Fault isolation								-	-	-	-
A19.1.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.3.6.5. Perform Phase Inspection								-	-	-	-
A19.1.3.7. AN/AIC-13 Public Address System TR: 1C-130H-2-23JG-30-1, !c-130H-2 -23FI-30-1 and 1C-130B-2-13											
A19.1.3.7.1. Perform operational Check								-	-	-	-
A19.1.3.7.2. Remove and install (R&I)											
A19.1.3.7.2.1. Main Control Panel								-	-	-	-
A19.1.3.7.2.2. System Amplifier								-	-	-	-
A19.1.3.7.2.3. System Loudspeaker								-	-	-	-
A19.1.3.7.2.4. Hand-Held Microphone								-	-	-	-
A19.1.3.7.3. Fault isolation								-	-	-	-
A19.1.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.7.5. Perform Phase Inspection								-	-	-	-
A19.1.3.8. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H -2-31FI-00-1 and 1C-130B-2-13											
A19.1.3.8.1. Perform operational Check								-	-	-	-
A19.1.3.8.2. Remove and install (R&I0											
A19.1.3.8.2.1. Voice Recorder								-	-	-	-
A19.1.3.8.2.2. Control Unit								-	-	-	-
A19.1.3.8.2.3. Test Switch								-	-	-	-
A19.1.3.8.2.4. Auxiliary Area Microphone								-	-	-	-
A19.1.3.8.3. Fault isolation								-	-	-	-
A19.1.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.8.5. Perform Phase Inspections								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.3.9. Emergency Locator Transmitter (ELT) TR: 1C-130H-2-25JG-00-1, 1C-130H-2 -25FI-00-1 and 1C-130B-2-13											
A19.1.3.9.1. Perform operational Check								-	-	-	-
A19.1.3.9.2. Remove and install (R&I)											
A19.1.3.9.2.1. Transmitter								-	-	-	-
A19.1.3.9.2.2. Antenna								-	-	-	-
A19.1.3.9.2.3. Battery Pack								-	-	-	-
A19.1.3.9.3. Fault isolation								-	-	-	-
A19.1.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.9.5. Perform Phase Inspection								-	-	-	-
A19.1.3.10. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2 -25FI-00-1 and 1C-130B--13											
A19.1.3.10.1. Perform operational checks								-	-	-	-
A19.1.3.10.2. Remove and install (R&I) Underwater Locator Beacon/Battery								-	-	-	-
A19.1.3.10.3. Fault isolation								-	-	-	-
A19.1.3.10.4. Aircraft Avionic Systems Integration.								-	-	-	-
A19.1.3.10.5. Perform Phase Inspection								-	-	-	-
A19.1.4. NAVIGATION SYSTEMS											
A19.1.4.1. Self-Contained Navigation System (SCNS) TR: 1C-130H-2-34JG-40-1, 1C-130H-2 -34FI-40-1 and 1C-130B-2-13)											
A19.1.4.1.1. Perform operational check	*							-	-	-	-
A19.1.4.1.2. Remove and install (R&I)											
A19.1.4.1.2.1. BICU								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.4.1.2.2. IDCU								-	-	-	-
A19.1.4.1.2.3. SCNS Control Panel								-	-	-	-
A19.1.4.1.2.4. Interface Receptacle Unit								-	-	-	-
A19.1.4.1.2.5. DVS								-	-	-	-
A19.1.4.1.2.6. Dehydrator								-	-	-	-
A19.1.4.1.2.7. INU								-	-	-	-
A19.1.4.1.2.8. INU Mount								-	-	-	-
A19.1.4.1.2.9. INS Battery Unit								-	-	-	-
A19.1.4.1.2.10. INU Fan/Filter Unit								-	-	-	-
A19.1.4.1.2.11. HSI Interface Unit								-	-	-	-
A19.1.4.1.2.12. SCNS Relays and Transformer								-	-	-	-
A19.1.4.1.2.13. Data Bus Coupler								-	-	-	-
A19.1.4.1.3. Fault isolation								-	-	-	-
A19.1.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.1.5. Perform Phase Inspection								-	-	-	-
A19.1.4.2. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130H-2-34JG-40-3, 1C-130H-2-34FI -40-4 and 1C-130B-2-13											
A19.1.4.2.1. Perform operational Check	*							-	-	-	-
A19.1.4.2.2. Remove and install (R&I)											
A19.1.4.2.2.1. Control Panel								-	-	-	-
A19.1.4.2.2.2. R/T								-	-	-	-
A19.1.4.2.2.3. Antennas								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.4.2.2.4. Mode 4 Computer								-	-	-	-
A19.1.4.2.2.5. Mode 4 Computer Battery								-	-	-	-
A19.1.4.2.2.6. Antenna Switch and Caution Light Panel								-	-	-	-
A19.1.4.2.2.7. Antenna Switching Unit								-	-	-	-
A19.1.4.2.2.8. Transponder Test Set								-	-	-	-
A19.1.4.2.3. Fault isolation								-	-	-	-
A19.1.4.2.4. Aircraft Avionic Systems Integration	*							-	-	-	-
A19.1.4.2.5. Perform Phase Inspection								-	-	-	-
A19.1.4.3. AN/ARN-147 VOR/ILS/MB TR: 1C-130H-2-34JG-50-1, 1C-130N-2-34FI -50-2 and 1C-130B-2-13											
A19.14.3.1. Perform operational check								-	-	-	-
A19.1.4.3.2. Remove and install (R&I)											
A19.1.4.3.2.1. Receiver								-	-	-	-
A19.1.4.3.2.2. VOR Antenna								-	-	-	-
A19.1.4.3.2.3. GS Antenna								-	-	-	-
A19.1.4.3.2.4. MB Antenna								-	-	-	-
A19.1.4.3.2.5. MB Panel								-	-	-	-
A19.1.4.3.3. Fault isolation								-	-	-	-
A19.1.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.3.5. Perform Phase Inspection								-	-	-	-
A19.1.4.4. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI -50-1 and 1C-130B-2-13											
A19.1.4.4.1. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.4.4.2. Remove and install (R&I)											
A19.1.4.4.2.1. R/T								-	-	-	-
A19.1.4.4.2.2. R/T Mount								-	-	-	-
A19.1.4.4.2.3. D/A Converter (MX Adapter)								-	-	-	-
A19.1.4.4.2.4. Coupler								-	-	-	-
A19.1.4.4.2.5. Antennas								-	-	-	-
A19.1.4.4.3. Fault isolation								-	-	-	-
A19.1.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.4.5. Perform Phase Inspection								-	-	-	-
A19.1.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130H-2-34JG-50-2, 1C-130H-2-34FI -50-5 and 1C-130B-2-13											
A19.1.4.5.1. Perform operational Check	*							-	-	-	-
A19.1.4.5.2. Remove and install (R&I)											
A19.1.4.5.2.1. Receiver								-	-	-	-
A19.1.4.5.2.2. Receiver Mount								-	-	-	-
A19.1.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.1.4.5.2.4. Antenna								-	-	-	-
A19.1.4.5.2.5. Antenna Controller								-	-	-	-
A19.1.4.5.2.6. Fill Panel								-	-	-	-
A19.1.4.5.2.7. Battery								-	-	-	-
A19.1.4.5.3. Fault isolation								-	-	-	-
A19.1.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.14.5.5. Perform Phase Inspection								-	-	-	-
A19.1.4.6. AN/ARA-25 UHF Direction Finder TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI -50-3 and 1C-130B-2-13											
A19.1.4.6.1. Perform operational check								-	-	-	-
A19.1.4.6.2. Remove and install (R&I)											
A19.1.4.6.2.1. Power Supply								-	-	-	-
A19.1.4.6.2.2. Amplifier								-	-	-	-
A19.1.4.6.2.3. Antenna								-	-	-	-
A19.1.4.6.3. Adjust Excessive Oscillation								-	-	-	-
A19.1.4.6.4. Fault isolation								-	-	-	-
A19.1.4.6.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.6.6. Perform Phase Inspection								-	-	-	-
A19.1.4.7. AN/ARN-6 Automatic Direction Finder (ADF) TR: 1C-130H-2-34JG-50-3, 1C-130H-2-34FI -50-4 and 1C-130B-2-13											
A19.1.4.7.1. Perform operational Check								-	-	-	-
A19.1.4.7.2. Remove and install (R&I)											
A19.1.4.7.2.1. Receiver								-	-	-	-
A19.1.4.7.2.2. Tuning-Drive Amplifier								-	-	-	-
A19.1.4.7.2.3. Control Panel								-	-	-	-
A19.1.4.7.2.4. Tuning-Drive Motor								-	-	-	-
A19.1.4.7.2.5. Loop Antenna								-	-	-	-
A19.1.4.7.2.6. Sense Antenna								-	-	-	-
A19.1.4.7.3. Fault isolation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.7.5. Perform Phase Inspection								-	-	-	-
A19.1.5. RADAR SYSTEMS											
A19.1.5.1. AN/APN-59 E/F Search and Weather Radar TR: 1C-130(A)H-2-8, 1C-130H-2-25JG-40-2											
A19.1.5.1.1. Perform operational Check								-	-	-	-
A19.1.5.1.2. Remove and install (R&I)											
A19.1.5.1.2.1. Antenna Control								-	-	-	-
A19.1.5.1.2.2. Radar Set Control								-	-	-	-
A19.1.5.1.2.3. ECA								-	-	-	-
A19.1.5.1.2.4. Marker Generator								-	-	-	-
A19.1.5.1.2.5. Generator Control Panel								-	-	-	-
A19.1.5.1.2.6. Power Supply								-	-	-	-
A19.1.5.1.2.7. Synchronizer								-	-	-	-
A19.1.5.1.2.8. Synchronizer Control								-	-	-	-
A19.1.5.1.2.9. Pilot Indicator								-	-	-	-
A19.1.5.1.2.10. Nav Indicator								-	-	-	-
A19.1.5.1.2.11. Stab Unit (Gyro)								-	-	-	-
A19.1.5.1.2.12. R/T								-	-	-	-
A19.1.5.1.2.13. Antenna								-	-	-	-
A19.1.5.1.2.14. Fan								-	-	-	-
A19.1.5.1.3. Adjustments											
A19.1.5.1.3.1. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.5.1.3.2. ECA								-	-	-	-
A19.1.5.1.3.3. Pilot/Nav Indicator (IP-268A/B)								-	-	-	-
A19.1.5.1.3.4. Antenna Optical Heading Marker Sensor								-	-	-	-
A19.1.5.1.3.5. Power Supply Sweep Length for IP-268A/B								-	-	-	-
A19.1.5.1.3.6. Antenna Beam Switching								-	-	-	-
A19.1.5.1.3.7. Align Beam Switching								-	-	-	-
A19.1.5.1.3.8. Alight Control Box Heading Select								-	-	-	-
A19.1.5.1.4. Fault isolation	*							-	-	-	-
A19.1.5.1.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.5.1.6. Perform Phase Inspection								-	-	-	-
A19.1.5.2. AN/ASQ-14 Waveguide Pressurization System TR: 1C-130H-2-34JG-40-2-1, 1C-130H -2-34F-40-2 and 1C-130B-2-13)											
A19.1.5.2.1. Perform operational check								-	-	-	-
A19.1.5.2.2. Remove and install (R&I)											
A19.1.5.2.2.1. Air Compressor								-	-	-	-
A19.1.5.2.2.2. Pressure Switch								-	-	-	-
A19.1.5.2.2.3. Control Panel								-	-	-	-
A19.1.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.1.5.2.3. Fault isolation								-	-	-	-
A19.1.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.5.2.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.1.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA) TR: 1C-130H-2-34JG-40-5, 1C-130H-2-34FI -40-6 and C-130B-2-13											
A19.1.5.3.1. Perform operational check	*							-	-	-	-
A19.1.5.3.2. Remove and install (R&I)											
A19.1.5.3.2.1. R/T								-	-	-	-
A19.1.5.3.2.2. Indicator								-	-	-	-
A19.1.5.3.2.3. Antennas								-	-	-	-
A19.1.5.3.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.1.5.3.3. Adjust Altitude								-	-	-	-
A19.1.5.3.4. Fault isolation								-	-	-	-
A19.1.5.3.5. Aircraft Avionic Systems Integration	*							-	-	-	-
A19.1.5.3.6. Perform Phase Inspection								-	-	-	-
A19.1.6. MISCELLANEOUS											
A19.1.6.1. Indicators and Displays TR: Applicable Job Guides											
A19.1.6.1.1. Remove and install (R&I)											
A19.1.6.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.1.6.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.1.6.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.1.6.1.1.4. Radio Magnetic Indicator								-	-	-	-
A19.1.6.1.1.5. Altimeter-Encoder								-	-	-	-
A19.2. AC-130H ON-EQUIPMENT MAINTENANCE											
A19.2.1. GENERAL ORGANIZATIONAL MAINTENANCE											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.1.1. Aircraft Familiarization								-	-	-	-
A19.2.1.2. Major Structure Areas								-	-	-	-
A19.2.1.3. Major Systems								-	-	-	-
A19.2.2. GENERAL MAINTENANCE TASKS											
A19.2.2.1. Technical order familiarization								-	-	-	-
A19.2.2.2. Flightline safety/precautions/security	*							-	-	-	-
A19.2.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.2.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.2.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.2.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.2.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.2.2.8. Statically ground aircraft								-	-	-	-
A19.2.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.2.2.10. Perform aircraft wash								-	-	-	-
A19.2.2.11. Refuel/Defuel team Member Duties											
A19.2.2.11.1. Refuel/Defuel supervisor								-	-	-	-
A19.2.2.11.2. SPR Panel operator								-	-	-	-
A19.2.2.11.3. Flight deck fuel panel operator								-	-	-	-
A19.2.2.12. Open and close engine cowling								-	-	-	-
A19.2.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.2.2.14. Open and Close Nose Radome	*							-	-	-	-
A19.2.2.15. Open/Close APQ-150 Radome and Fairing								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.2.16. Perform aircraft marshaling procedures								-	-	-	-
A19.2.2.17. Tow aircraft											
A19.2.2.17.1. Perform wing/tail walker duties								-	-	-	-
A19.2.2.17.2. Brake Operator								-	-	-	-
A19.2.2.18. Jack aircraft											
A19.2.2.18.1. Jacking supervisor								-	-	-	-
A19.2.2.18.2. Jacking team member								-	-	-	-
A19.2.3. COMMUNICATIONS SYSTEMS											
A19.2.3.1. AN/AIC-38 Interphone TR: 1C-130(A)H-2-23JG-40-1, 1C-130(A)H -2-23FI-40-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.1.1. Perform operational Check	*							-	-	-	-
A19.2.3.1.2. Remove and install (R&I)											
A19.2.3.1.2.1. Crew Station Unit (CSU)								-	-	-	-
A19.2.3.1.2.2. Emergency Audio Panel (EAP)								-	-	-	-
A19.2.3.1.2.3. Digital Switching Unit (DSU)								-	-	-	-
A19.2.3.1.2.4. Communication Control Unit (CCU)								-	-	-	-
A19.2.3.1.2.5. Inter/MIC Control Switch								-	-	-	-
A19.2.3.1.2.6. Foot Switch								-	-	-	-
A19.2.3.1.2.7. Communication Cord								-	-	-	-
A19.2.3.1.3. Fault isolation								-	-	-	-
A19.2.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.1.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.3.2. AN/ARC-190 HF Communications TR: 1C-130(A)H-2-23JG-10-1, 1C-130(A)H -2-23FI-10-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.2.1. Perform operational Check	*							-	-	-	-
A19.2.3.2.2. Remove and install (R&I)											
A19.2.3.2.2.1. R/T								-	-	-	-
A19.2.3.2.2.2. R/T Mount								-	-	-	-
A19.2.3.2.2.3. Control Box								-	-	-	-
A19.2.3.2.2.4. Automatic Control Processor								-	-	-	-
A19.2.3.2.2.5. Antenna Coupler								-	-	-	-
A19.2.3.2.2.6. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.2.3.2.2.7. External Wire Antenna								-	-	-	-
A19.2.3.2.3. Fault isolation								-	-	-	-
A19.2.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.2.5. Perform Phase Inspection								-	-	-	-
A19.2.3.3. AN/ARC-222 VHF Communications TR: C-130(A)H-2-23JG-20-2, 1C-130(A)H-2 -23FI-20-2, 1C-130(A)H--8 and 1C-130(A)H-2-13											
A19.2.3.3.1. Perform operational check								-	-	-	-
A19.2.3.3.2. Remove and install (R&I)											
A19.2.3.3.2.1. R/T								-	-	-	-
A19.2.3.3.2.2. Antennas								-	-	-	-
A19.2.3.3.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.2.3.3.2.4. Radio Control Set (RSC)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.3.3.2.5. Signal Data Comparator (SDCL) (VHF#1)								-	-	-	-
A19.2.3.3.3. Fault isolation								-	-	-	-
A19.2.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.3.5. Perform Phase Inspection								-	-	-	-
A19.2.3.4. AN/ARC-164 UHF Communications TR: 1C-130(A)H-2-23JG-20-1, 1C-130(A)H -2-23FI-20-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.4.1. Perform operational check	*							-	-	-	-
A19.2.3.4.2. Remove and install (R&I)											
A19.2.3.4.2.1. R/T								-	-	-	-
A19.2.3.4.2.2. Antennas								-	-	-	-
A19.2.3.4.2.3. Control Panel								-	-	-	-
A19.2.3.4.2.4. Antenna Switching Unit								-	-	-	-
A19.2.3.4.2.5. Antenna Selector Panel								-	-	-	-
A19.2.3.4.3. Fault isolation								-	-	-	-
A19.2.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.4.5. Perform Phase Inspection								-	-	-	-
A19.2.3.5. TSEC/KY-58 UHF/VHF Secure Speech (TR: 1C-130(A)H-2-23JG-20-3, 1C-130(A)H -2-23FI-20-3, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.5.1. Perform operational check	*							-	-	-	-
A19.2.3.5.2. Remove and install (R&I)											
A19.2.3.5.2.1. Processor								-	-	-	-
A19.2.3.5.2.2. Adapter Interface								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.3.5.2.3. Processor Battery								-	-	-	-
A19.2.3.5.2.4. Remove Control Unit (RCU)								-	-	-	-
A19.2.3.5.3. Fault isolation								-	-	-	-
A19.2.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.5.5. Perform Phase Inspection								-	-	-	-
A19.2.3.6. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130(A)H-2-23JG-20-3, 1C-130(A)H-2 -23FI-20-3, 1ck-230(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.6.1. Perform operational check	*							-	-	-	-
A19.2.3.6.2. Remove and install (R&I)											
A19.2.3.6.2.1. Processor								-	-	-	-
A19.2.3.6.2.2. Processor Battery								-	-	-	-
A19.2.3.6.2.3. Remove Control Unit (RCU)								-	-	-	-
A19.2.3.6.3. Fault isolation								-	-	-	-
A19.2.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.6.5. Perform Phase Inspection								-	-	-	-
A19.2.3.7. AN/USC-43 Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(A)U-2-8											
A19.2.3.7.1. Perform operational Check	*							-	-	-	-
A19.2.3.7.2. Remove and install (R&I)											
A19.2.3.7.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.2.3.7.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.2.3.7.2.3. ANDVT Fill Battery								-	-	-	-
A19.2.3.7.2.4. Split Remote Control Unit (SRCU)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.3.7.3. Fault isolation								-	-	-	-
A19.2.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.7.5. Perform Phase Inspection								-	-	-	-
A19.2.3.8. AN/ARC-187 Satellite Communications TR: 1C-130(A)H-2-23JG-30-2, 1C-130(A)H -23FI-30-2, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.8.1. Perform operational Checks	*							-	-	-	-
A19.2.3.8.2. Remove and install (R&I)											
A19.2.3.8.2.1. R/T								-	-	-	-
A19.2.3.8.2.2. R/T Mount								-	-	-	-
A19.2.3.8.2.3. Antenna								-	-	-	-
A19.2.3.8.2.4. Preamplifier								-	-	-	-
A19.2.3.8.2.5. Radio Set Controller								-	-	-	-
A19.2.3.8.2.6. Interface Unit								-	-	-	-
A19.2.3.8.2.7. DAMA Modem								-	-	-	-
A19.2.3.8.2.8. Modem Mount								-	-	-	-
A19.2.3.8.2.9. Modem Control Indicator								-	-	-	-
A19.2.3.8.2.10. VDC-300 Data Controller								-	-	-	-
A19.2.3.8.2.11. Operator Auxiliary Panel								-	-	-	-
A19.2.3.8.2.12. Data I/O Device (Laptop)								-	-	-	-
A19.2.3.8.3. Fault isolation								-	-	-	-
A19.2.3.8.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.2.3.8.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.3.9. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2 -31FI-00-1 and 1C-130B-2-13											
A19.2.3.9.1. Perform operational Checks								-	-	-	-
A19.2.3.9.2. Remove & install (R&I)											
A19.2.3.9.2.1. Voice Recorder								-	-	-	-
A19.2.3.9.2.2. Control Unit								-	-	-	-
A19.2.3.9.2.3. Test Switch								-	-	-	-
A19.2.3.9.2.4. Auxiliary Area Microphone								-	-	-	-
A19.2.3.9.3. Fault isolation								-	-	-	-
A19.2.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.9.5. Perform Phase Inspection								-	-	-	-
A19.2.3.10. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI -00-1 and 1C-130B-2-13											
A19.2.3.10.1. Perform operational Check								-	-	-	-
A19.2.3.10.2. Remove and install (R&I)											
A19.2.3.10.2.1. Underwater Locator Beacon								-	-	-	-
A19.2.3.10.2.2. Battery								-	-	-	-
A19.2.3.10.3. Fault isolation								-	-	-	-
A19.2.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.10.5. Perform Phase Inspection								-	-	-	-
A19.2.4. NAVIGATION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.4.1. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130(A)H-2-34JG-50-8, 1C-130(A)H-2-34FI-50-8, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.1.1. Perform operational checks	*							-	-	-	-
A19.2.4.1.2. Remove and install (R&I)											
A19.2.4.1.2.1. Control Panel								-	-	-	-
A19.2.4.1.2.2. R/T								-	-	-	-
A19.2.4.1.2.3. Antennas								-	-	-	-
A19.2.4.1.2.4. Mode 4 Computer								-	-	-	-
A19.2.4.1.2.5. Mode 4 Computer Battery								-	-	-	-
A19.2.4.1.2.6. Antenna Switch and Caution Light Panel								-	-	-	-
A19.2.4.1.2.7. Antenna Switching Unit								-	-	-	-
A19.2.4.1.2.8. Transponder Test Set								-	-	-	-
A19.2.4.1.3. Fault isolation								-	-	-	-
A19.2.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.1.5. Perform Phase Inspection								-	-	-	-
A19.2.4.2. AN/ARS-6 Personnel Locator System TR: 1C-130(A)H-2-34JG-50-9, 1C-130(A)H-2-34FI-50-9, 1C-130(A)H-2-8 and 1C-130(A)H-2-13)											
A19.2.4.2.1. Perform operational Check								-	-	-	-
A19.2.4.2.2. Remove & install (R&I)											
A19.2.4.2.2.1. Receiver								-	-	-	-
A19.2.4.2.2.2. Antenna								-	-	-	-
A19.2.4.2.2.3. Antenna Switching Unit (ASU)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.4.2.3. Fault isolation								-	-	-	-
A19.2.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.2.5. Perform Phase Inspection								-	-	-	-
A19.2.4.3. AN/ARN-147 VOR /ILS/MB (TR: 1C-130(A)U-2-8											
A19.2.4.3.1. Perform operational check								-	-	-	-
A19.2.4.3.2. Remove & install (R&I)											
A19.2.4.3.2.1. Receiver								-	-	-	-
A19.2.4.3.2.2. Control Panel								-	-	-	-
A19.2.4.3.2.3. VOR Antenna								-	-	-	-
A19.2.4.3.2.4. GS Antenna								-	-	-	-
A19.2.4.3.2.5. MB Antenna								-	-	-	-
A19.2.4.3.2.6. MB Panel								-	-	-	-
A19.2.4.3.3. Fault isolation								-	-	-	-
A19.2.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.3.5. Perform Phase Inspection								-	-	-	-
A19.2.4.4. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(A)H-2-34JG-50-1, 1C-130(A)-2 -34FI-50-1, A1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.4.1. Perform operational Checks								-	-	-	-
A19.2.4.4.2. Remove and install (R&I)											
A19.2.4.4.2.1. R/T								-	-	-	-
A19.2.4.4.2.2. R/T Monitor								-	-	-	-
A19.2.4.4.2.3. Control Panel								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.4.4.2.4. D/A Converter (MX Adapter)								-	-	-	-
A19.2.4.4.2.5. Coupler								-	-	-	-
A19.2.4.4.2.6. Antennas								-	-	-	-
A19.2.4.4.3. Fault isolation								-	-	-	-
A19.2.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.4.5. Perform Phase Inspection								-	-	-	-
A19.2.4.5. Inertial Navigation System (INS) TR: 1C-130(A)H-2-34JG-40-1, 1C-130(A)H-2 -34FI-40-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.5.1. Perform operational Checks								-	-	-	-
A19.2.4.5.2. Remove and install (R&I)	*										
A19.2.4.5.2.1. INU								-	-	-	-
A19.2.4.5.2.2. INU Mount								-	-	-	-
A19.2.4.5.2.3. Auxiliary Battery Volt Meter Panel								-	-	-	-
A19.2.4.5.2.4. INU Battery								-	-	-	-
A19.2.4.5.2.5. INU Fan								-	-	-	-
A19.2.4.5.3. Fault isolation								-	-	-	-
A19.2.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.5.5. Perform Phase Inspection								-	-	-	-
A19.2.4.6. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(A)U-2-8											
A19.2.4.6.1. Perform operational Checks	*							-	-	-	-
A19.2.4.6.2. Remove and install (R&I)											
A19.2.4.6.2.1. Receiver								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.4.6.2.2. Receiver Mount								-	-	-	-
A19.2.4.6.2.3. Control Display Unit (CDU)								-	-	-	-
A19.2.4.6.2.4. Antenna								-	-	-	-
A19.2.4.6.2.5. Antenna Controller								-	-	-	-
A19.2.4.6.2.6. Interface Unit								-	-	-	-
A19.2.4.6.2.7. Battery								-	-	-	-
A19.2.4.6.3. Fault isolation								-	-	-	-
A19.2.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.6.5. Perform Phase Inspection								-	-	-	-
A19.2.4.7. AN/ARA-50 UHF Direction Finding TR: 1C-130(A)H-2-34JG-50-3, 1C-130(A)H-2 -34FI-50-3, 1C-130(A)H-2-8 and 1C-130(A)H -2-13											
A19.2.4.7.1. Perform operational Checks								-	-	-	-
A19.2.4.7.2. Remove and install (R&I)											
A29.2.4.7.2.1. Antenna								-	-	-	-
A19.2.4.7.2.2. Amplifier Relay								-	-	-	-
A19.2.4.7.2.3. Control Relay								-	-	-	-
A19.2.4.7.3. Fault isolation								-	-	-	-
A19.2.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.7.5. Perform Phase Inspection								-	-	-	-
A19.2.4.8. AN/ARN-6 Radio Compass (ADF) TR: 1C-130(A)H-2-34JG-50-4, 1C-130(A)H-2 -34FI-50-4, 1C-130(A)H-2-8 and 1C-130(A)H -2-13											
A19.2.4.8.1. Perform operational Check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.4.8.2. Remove and install (R&I)											
A19.2.4.8.2.1. Receiver								-	-	-	-
A19.2.4.8.2.2. Tuning-Drive Amplifier								-	-	-	-
A19.2.4.8.2.3. Control Panel								-	-	-	-
A19.2.4.8.2.4. Tuning-Drive Motor								-	-	-	-
A19.2.4.8.2.5. Loop Antenna								-	-	-	-
A19.2.4.8.2.6. Sense Antenna								-	-	-	-
A19.2.4.8.2.7. Adjust Loop Antenna								-	-	-	-
A19.2.4.8.3. Fault isolation								-	-	-	-
A19.2.4.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.8.5. Perform Phase Inspection								-	-	-	-
A19.2.4.9. AN/APN-218 Doppler Navigation System TR: 1C-130(A)H-2-34JG-40-5, 1C-130(A)H-2 -234JG-40-5, 1C-130(A)H-2-8 AND 1C-130 (A)H-2-13											
A19.2.4.9.1. Perform operational check								-	-	-	-
A19.2.4.9.2. Remove & install (R&I)											
A19.2.4.9.2.1. DVS								-	-	-	-
A19.2.4.9.2.2. GSDAI								-	-	-	-
A19.2.4.9.2.3. Dehydrator								-	-	-	-
A19.2.4.9.3. Fault isolation								-	-	-	-
A19.2.4.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.9.5. Perform Phase Inspection								-	-	-	-
A19.2.5. RADAR SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.5.1. AN/APN-59F Search and Weather Radar TR: 1C-130(A)H-2-34JG-40-2, 1C-130(A)H-2-34FI-40-2, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.5.1.1. Perform operational Checks								-	-	-	-
A19.2.5.1.2. Remove and install (R&I)		*									
A19.2.5.1.2.1. Antenna control								-	-	-	-
A19.2.5.1.2.2. Radar Set Control								-	-	-	-
A19.2.5.1.2.3. ECA								-	-	-	-
A19.2.5.1.2.4. ECA								-	-	-	-
A19.2.5.1.2.5. Power Supply								-	-	-	-
A19.2.5.1.2.6. Synchronizer								-	-	-	-
A19.2.5.1.2.7. Synchronizer Control								-	-	-	-
A19.2.5.1.2.8. Pilot Indicator								-	-	-	-
A19.2.5.1.2.9. Nav Indicator								-	-	-	-
A19.2.5.1.2.10. Stab Unit (Gyro)								-	-	-	-
A19.2.5.1.2.11. R/T								-	-	-	-
A19.2.5.1.2.12. Antenna								-	-	-	-
A19.2.5.1.2.13. Fan								-	-	-	-
A19.2.5.1.3. Adjustments											
A19.2.5.1.3.1. Antenna								-	-	-	-
A19.2.5.1.3.2. ECA								-	-	-	-
A19.2.5.1.3.3. Pilot/Nav Indicator (IP-268A/B)								-	-	-	-
A19.2.5.1.3.4. Antenna Optical Heading Marker Sensor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.5.1.3.5. Power Supply Sweep Length for IP-268A/B								-	-	-	-
A19.2.5.1.3.6. Antenna Beam Switching								-	-	-	-
A19.2.5.1.3.7. Nav Indicator (IP-268B) Heading Marker								-	-	-	-
A19.2.5.1.3.8. Nav Indicator (IP-268B) Sweep Length								-	-	-	-
A19.2.5.1.3.9. Control Box Heading Select								-	-	-	-
A19.2.5.1.4. Fault isolation								-	-	-	-
A19.2.5.1.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.1.6. Perform Phase Inspection								-	-	-	-
A19.2.5.2. APQ-150 Beacon Tracking Radar TR: 1C-130(A)H-2-34JG-50-6, 1C-130(A)H -2-34FI-50-6, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.5.2.1. Perform operational Check								-	-	-	-
A19.2.5.2.2. Remove & install (R&I)											
A19.2.5.2.2.1. Control Indicator								-	-	-	-
A19.2.5.2.2.2. R/T								-	-	-	-
A19.2.5.2.2.3. Support Housing								-	-	-	-
A19.2.5.2.2.4. Signal Processor								-	-	-	-
A19.2.5.2.2.5. Servo Amplifier Power Supply								-	-	-	-
A19.2.5.2.2.6. Interconnect Box								-	-	-	-
A19.2.5.2.3. Fault isolation								-	-	-	-
A19.2.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.2.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.5.3. Waveguide Pressurization System TR: 1C-130(A)H-2-34JG-40-3, 1C-130(A)H-2 -34FI-40-3, 1C-130(A)H-2-8 and 1C-130(A)H -2-13											
A19.2.5.3.1. Perform operational check								-	-	-	-
A19.2.5.3.2. Remove & install (R&I)											
A19.2.5.3.2.1. Air Compressor								-	-	-	-
A19.2.5.3.2.2. Pressure Tank								-	-	-	-
A19.2.5.3.2.3. Relief Tank								-	-	-	-
A19.2.5.3.2.4. Regulating Valve								-	-	-	-
A19.2.5.3.2.5. Particulate Filter								-	-	-	-
A19.2.5.3.2.6. Check Valve								-	-	-	-
A19.2.5.3.2.7. Waveguide Pressurization Control Panel								-	-	-	-
A19.2.5.3.2.8. APN-59 Waveguide Pressure Panel								-	-	-	-
A19.2.5.3.2.9. Shutoff Panel								-	-	-	-
A19.2.5.3.2.10. Pressure Switch								-	-	-	-
A19.2.5.3.2.11. Radar Pressure Control Panel								-	-	-	-
A19.2.5.3.2.12. Dehydrator/Desiccant								-	-	-	-
A19.2.5.3.3. Fault isolation								-	-	-	-
A19.2.5.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.3.5. Perform Phase Inspection								-	-	-	-
A19.2.5.4. AN/APN-232 Combined Altitude Radar Altimeter TR: 1C-130(A)H-2-34JG-40-4, 1C-130(A)H -2-34FI-40-4, 1C-130(A)H-2-8 and 1C-130(A) H-2-13											
A19.2.5.4.1. Perform operational Check	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.5.4.2. Remove & install (R&I)											
A19.2.5.4.2.1. R/T								-	-	-	-
A19.2.5.4.2.2. Indicator								-	-	-	-
A19.2.5.4.2.3. Antennas								-	-	-	-
A19.2.5.4.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.2.5.4.3. Adjust Altitude								-	-	-	-
A19.2.5.4.4. Fault isolation								-	-	-	-
A19.2.5.4.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.4.6. Perform Phase Inspection								-	-	-	-
A19.2.5.5. Radar Transponder System TR: 1C-130(A)H-2.34JG-50-5, 1C-130(A)H-2 -34FI-50-5, 1C-130(A)H-2-8 and 1C-130(A)H -2-13											
A19.2.5.5.1. Perform operational check								-	-	-	-
A19.2.5.5.2. Remove & install (R&I)											
A19.2.5.5.2.1. R/T								-	-	-	-
A19.2.5.5.2.2. Antenna								-	-	-	-
A19.2.5.5.2.3. Switch Assembly								-	-	-	-
A19.2.5.5.3. Fault isolation								-	-	-	-
A19.2.5.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.5.5. Perform Phase Inspection								-	-	-	-
A19.2.5.6. Interference Blanking Unit (IBU) TR: 1C-130(A)H-2-8 and (1C-130(A)H-2-13											
A19.2.5.6.1. Perform operational Check								-	-	-	-
A19.2.5.6.2. Remove and install (R&I) IBU								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.5.6.3. Fault isolation								-	-	-	-
A19.2.5.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.6.5. Perform Phase Inspection								-	-	-	-
A19.2.6. MISSION SYSTEMS											
A19.2.6.1. AAQ-26 Infrared System TR: 1C-130(A)H-2-93JG-50-1, 1C-130(A)H-2 -93FI-50-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.1.1. Perform operational checkout	*							-	-	-	-
A19.2.6.1.2. Remove and install (R&I)											
A19.2.6.1.2.1. Infrared Receiver								-	-	-	-
A19.2.6.1.2.2. Control Converter								-	-	-	-
A19.2.6.1.2.3. Gimbal Position Control Unit								-	-	-	-
A19.2.6.1.2.4. IR Set Control								-	-	-	-
A19.2.6.1.2.5. Close Out Panel								-	-	-	-
A19.2.6.1.2.6. Monitor								-	-	-	-
A19.2.6.1.3. Perform IR to LLLTV Alignment								-	-	-	-
A19.2.6.1.4. Fault isolation								-	-	-	-
A19.2.6.1.5. Aircraft Avionic System Integration								-	-	-	-
A19.2.6.1.6. Perform Phase Inspection								-	-	-	-
A19.2.6.2. All Light Level Television (ALLTV) System TR: 1C-130(A)H-2-93JG-20-1-1, 20-1-2, 1C-130(A)H-2-93FI-20-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.2.1. Perform operational checks/tests/inspections											
A19.2.6.2.1.1. WTV Camera System Checkout								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.6.2.1.2. NTV Camera System Checkout								-	-	-	-
A19.2.6.2.1.3. WTV Camera Collimator Test								-	-	-	-
A19.2.6.2.1.4. NTV Camera Collimator Test								-	-	-	-
A19.2.6.2.1.5. Filter/Focus Checkout								-	-	-	-
A19.2.6.2.1.6. Camera Burn Spot Inspection								-	-	-	-
A19.2.6.2.1.7. Camera System Checkout								-	-	-	-
A19.2.6.2.1.8. Video System Interface Test								-	-	-	-
A19.2.6.2.1.9. Video System Checkout								-	-	-	-
A19.2.6.2.1.10. Laser Illuminator Checkout								-	-	-	-
A19.2.6.2.2. Remove and install (R&I)											
A19.2.6.2.2.1. WTV Camera System								-	-	-	-
A19.2.6.2.2.2. WTV Cameral Assembly								-	-	-	-
A19.2.6.2.2.3. Wide Lens Assembly								-	-	-	-
A19.2.6.2.2.4. NTV Camera System								-	-	-	-
A19.2.6.2.2.5. Narrow Camera System								-	-	-	-
A19.2.6.2.2.6. Narrow Lens Assembly								-	-	-	-
A19.2.6.2.2.7. Wide Filter/Focus Assembly								-	-	-	-
A19.2.6.2.2.8. Narrow Filter/Focus Assembly								-	-	-	-
A19.2.6.2.2.9. Ambient Temperature Illuminator								-	-	-	-
A19.2.6.2.2.10. TV ECA								-	-	-	-
A19.2.6.2.2.11. Laser ECA								-	-	-	-
A19.2.6.2.2.12. NTV/LTD Control Panel								-	-	-	-
A19.2.6.2.2.13. WTV Control Panel								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.6.2.2.14. Monitors								-	-	-	-
A19.2.6.2.2.15. Illuminator Control Unit								-	-	-	-
A19.2.6.2.2.16. Video Switching Unit								-	-	-	-
A19.2.6.2.2.17. Remove Control Unit								-	-	-	-
A19.2.6.2.3. Perform WTV/NTV Alignment								-	-	-	-
A19.2.6.2.4. Perform Purge ATI								-	-	-	-
A19.2.6.2.5. Fault isolation								-	-	-	-
A19.2.6.2.6. Aircraft Avionics System Integration								-	-	-	-
A19.2.6.2.7. Perform Phase Inspection								-	-	-	-
A19.2.6.3. AJQ-24 Stabilized Tracking Set TR: 1C-130(A)H-2-93JG-00-1, 1C-130(A)H -2-93FI-00-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.3.1. Perform operational checkout								-	-	-	-
A19.2.6.3.2. Remove and install (R&I)											
A19.2.6.3.2.1. TV Track Handle								-	-	-	-
A19.2.6.3.2.2. Stabilized Pedestal Assembly								-	-	-	-
A19.2.6.3.2.3. Quartz Rate Servo/5V power supply								-	-	-	-
A19.2.6.3.2.4. +15V Power Supply								-	-	-	-
A19.2.6.3.2.5. Servo Electronic Control Assembly								-	-	-	-
A19.2.6.3.2.6. Cable Assemblies								-	-	-	-
A19.2.6.3.2.7. Azimuth Pick-off Assembly								-	-	-	-
A19.2.6.3.2.8. Elevation Pick-off Assembly								-	-	-	-
A19.2.6.3.2.9. Filter Control Assembly								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.6.3.3. Perform Adjustments											
A19.2.6.3.3.1. SPA Static Balancing								-	-	-	-
A19.2.6.3.3.2. SPA Mechanical Stop								-	-	-	-
A19.2.6.3.3.3. TV Track Handle Drift								-	-	-	-
A19.2.6.3.3.4. SPA Cage Position/Solenoid Lock								-	-	-	-
A19.2.6.3.3.5. SPA Load Compensation Potentiometer								-	-	-	-
A19.2.6.3.3.6. AZ Laser Limit Switch								-	-	-	-
A19.2.6.3.3.7. EL Laser Limit Switch								-	-	-	-
A19.2.6.3.3.8. Verification Laser Limit Switch								-	-	-	-
A19.2.6.3.4. Fault isolation								-	-	-	-
A19.2.6.3.5. Aircraft Avionic System Integration								-	-	-	-
A19.2.6.3.6. Perform Phase Inspection								-	-	-	-
A19.2.6.4. LTD/R, AVQ-19/19A TR: 1C-130(A)H-2-93JG-60-1, 1C-130(A)H -2-93FI-60-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.4.1. Perform operational checkout											
A19.2.6.4.1.1. LTD/R Mission Computer Interface								-	-	-	-
A19.2.6.4.2. Remove and install (R&I)											
A19.2.6.4.2.1. Receiver/Transmitter Unit								-	-	-	-
A19.2.6.4.2.2. Power Supply								-	-	-	-
A19.2.6.4.2.3. Control Indicator Unit								-	-	-	-
A19.2.6.4.2.4. Flashlamp								-	-	-	-
A19.2.6.4.2.5. TV-LTD/R Harmonization								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.6.4.3. Service								-	-	-	-
A19.2.6.4.4. Fault isolation								-	-	-	-
A19.2.6.4.5. Aircraft Avionic System Integrating								-	-	-	-
A19.2.6.4.6. Perform Phase Inspection								-	-	-	-
A19.2.6.5. Airborne Video Tape Recorder System (AVTRS) TR: 1C-130(A)H-2-93JG-30-1, 1C-130(A)H-2 -93FI-30-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.5.1. Perform operational checkouts								-	-	-	-
A19.2.6.5.2. Remove and install (R&I)											
A19.2.6.5.2.1. Video Tape Recorder Assembly								-	-	-	-
A19.2.6.5.2.2. DC to DC Converter								-	-	-	-
A19.2.6.5.2.3. Control Relay								-	-	-	-
A19.2.6.5.2.4. Recorder Control								-	-	-	-
A19.2.6.5.2.5. Remove Control								-	-	-	-
A19.2.6.5.3. Fault isolation								-	-	-	-
A19.2.6.5.4. Aircraft Avionic System Integration								-	-	-	-
A19.2.6.5.5. Perform Phase Inspection								-	-	-	-
A19.2.6.6. Infrared Zoom Laser Illuminator/Designator System (IZLID) TR: 1C-130(A)H-2-93JG-30-1, 1C-130(A)H-2 -93FI-30-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.6.1. Perform operational checkout								-	-	-	-
A19.2.6.6.2. Remove and install (R&I)											
A19.2.6.6.2.1. Control Indicator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.2.6.6.2.2. IZLID Assembly								-	-	-	-
A19.2.6.6.2.3. Boresight Pointer								-	-	-	-
A19.2.6.6.2.4. Mount Bracket								-	-	-	-
A19.2.6.6.2.5. Clamp Mount								-	-	-	-
A19.2.6.6.3. Perform IZLID Boresight.								-	-	-	-
A19.2.6.6.4. Fault isolation								-	-	-	-
A19.2.6.6.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.6.6.6. Perform Phase Inspection								-	-	-	-
A19.2.7. MISCELLANEOUS											
A19.2.7.1. Indicators and Displays TR: Applicable Job Guides											
A19.2.7.1.1. Remove and install (R&I)											
A19.2.7.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.2.7.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.2.7.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.2.7.1.1.4. Radio Magnetic Indicator								-	-	-	-
A19.2.7.1.1.5. Control Display Unit (Mission Computer)								-	-	-	-
A19.2.7.1.1.6. Altimeter-Encoder								-	-	-	-
A19.3. MC-130U ON-EQUIPMENT MAINTENANCE											
A19.3.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A19.3.1.1. Aircraft Familiarization								-	-	-	-
A19.3.1.2. Major Structure Areas								-	-	-	-
A19.3.1.3. Major Systems								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.2. GENERAL MAINTENANCE TASKS											
A19.3.2.1. Technical order familiarization								-	-	-	-
A19.3.2.2. Flightline safety/precautions/security	*							-	-	-	-
A19.3.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.3.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.3.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.3.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.3.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.3.2.8. Statically ground aircraft								-	-	-	-
A19.3.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.3.2.10. Perform aircraft wash								-	-	-	-
A19.3.2.11. Perform refuel/defuel team member duties											
A19.3.2.11.1. Refuel/Defuel Supervisor								-	-	-	-
A19.3.2.11.2. SPR panel operator								-	-	-	-
A19.3.2.11.3. Flight deck fuel panel operator								-	-	-	-
A19.3.2.12. Open and close engine cowling								-	-	-	-
A19.3.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.3.2.14. Open and Close Nose Radome								-	-	-	-
A19.3.2.15. Open and Close Nose Wheel Door											
A19.3.2.16. Perform aircraft marshaling procedures								-	-	-	-
A19.3.2.17. Perform Aircraft Towing team member duties											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.2.17.1. Wing/tail walker								-	-	-	-
A19.3.2.17.2. Brake Operator								-	-	-	-
A19.3.2.18. Perform Aircraft Jacking team member duties											
A19.3.2.18.1. Jacking supervisor								-	-	-	-
A19.3.2.18.2. Jacking team member								-	-	-	-
A19.3.3. COMMUNICATIONS SYSTEMS											
A19.3.3.1. AN/AIC-40 Interphone TR: 1C-130(A)U-2-23JG-50-1, 1C-130(A)U-2-23FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.1.1. Perform operational Check	*							-	-	-	-
A19.3.3.1.2. Remove and install (R&I)											
A19.3.3.1.2.1. Crew Station Unit (CSU)								-	-	-	-
A19.3.3.1.2.2. Emergency Audio Panel (EAP)								-	-	-	-
A19.3.3.1.2.3. Digital Switching Unit (DSU)								-	-	-	-
A19.3.3.1.2.4. Communication Control Unit (CCU)								-	-	-	-
A19.3.3.1.2.5. Interphone Junction Box Power Filter								-	-	-	-
A19.3.3.1.2.6. INTER/MIC Control Switch								-	-	-	-
A19.3.3.1.2.7. Foot Switch								-	-	-	-
A19.3.3.1.2.8. Communication Cord								-	-	-	-
A19.3.3.1.3. Fault isolation								-	-	-	-
A19.3.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.1.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.2. AN/ARC-190 HF Communications TR. 1C-130(A)U-2-23JG-20-3, 20-4, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.2.1. Perform operational check	*							-	-	-	-
A19.3.3.2.2. Remove and install (R&I)											
A19.3.3.2.2.1. R/T								-	-	-	-
A19.3.3.2.2.2. R/T Mount								-	-	-	-
A19.3.3.2.2.3. Radio Set Control (RSC)								-	-	-	-
A19.3.3.2.2.4. Select Scan and Mount (ACS Processor)								-	-	-	-
A19.3.3.2.2.5. Preselector and Mount								-	-	-	-
A19.3.3.2.2.6. Audio Amplifier								-	-	-	-
A19.3.3.2.2.7. Secure Relay								-	-	-	-
A19.3.3.2.2.8. Emergency Headset Preamplifier								-	-	-	-
A19.3.3.2.2.9. Shunt Antenna								-	-	-	-
A19.3.3.2.2.10. Shunt Antenna Coupler and Mount								-	-	-	-
A19.3.3.2.2.11. Probe Antenna								-	-	-	-
A19.3.3.2.2.12. Probe Antenna Coupler and Feed Assembly								-	-	-	-
A19.3.3.2.2.13. Probe Antenna Lightening Arrestor								-	-	-	-
A19.3.3.2.3. Fault isolation								-	-	-	-
A19.3.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.2.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(A)U-2-23JG-20-3, 20-4, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.3.1. Perform operational check	*							-	-	-	-
A19.3.3.3.2. Remove and install (R&I)								-	-	-	-
A19.3.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.3.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.3.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.3.3.3.3. Fault isolation								-	-	-	-
A19.3.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.3.5. Perform Phase Inspection								-	-	-	-
A19.3.3.4. AN/ARC-186 VHF Communications and TSEC/KY-58 Secure Speech TR: 1C-130(A)U-2-23JG-20-2, 1C-130(A)U -2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.4.1. Perform operational check								-	-	-	-
A19.3.3.4.2. Remove and install (R&I)											
A19.3.3.4.2.1. R/T								-	-	-	-
A19.3.3.4.2.2. Antenna								-	-	-	-
A19.3.3.4.2.3. Back-up Control Panel								-	-	-	-
A19.3.3.4.2.4. CTC Panel								-	-	-	-
A19.3.3.4.2.5. KY-58 Processor								-	-	-	-
A19.3.3.4.2.6. Adapter Interface								-	-	-	-
A19.3.3.4.2.7. Z-AHP Remote Control Unit								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.4.2.8. Cipher Text Mode Panel								-	-	-	-
A19.3.3.4.2.9. Secure Relay								-	-	-	-
A19.3.3.4.2.10. Antenna Coax Relay								-	-	-	-
A19.3.3.4.3. Fault isolation								-	-	-	-
A19.3.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.4.5. Perform Phase Inspection								-	-	-	-
A19.3.3.5. AN/ARC-222 VHF Communications and TSEC/KY-100 Secure Speech TR: 1C-130(A)U-2-23JG-20-2, 1C-130(A)U -2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.5.1. Perform operational check								-	-	-	-
A19.3.3.5.2. Remove and install (R&I)											
A19.3.3.5.2.1. R/T								-	-	-	-
A19.3.3.5.2.2. Antenna								-	-	-	-
A19.3.3.5.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.3.3.5.2.4. Radio Control Set (RSC)								-	-	-	-
A19.3.3.5.2.5. KY-100 Mail Terminal Unit								-	-	-	-
A19.3.3.5.2.6. Z-AHP Remote Control Unit								-	-	-	-
A19.3.3.5.2.7. Cipher Text Mode Panel								-	-	-	-
A19.3.3.5.2.8. Secure Relay								-	-	-	-
A19.3.3.5.2.9. Antenna Coax Relay								-	-	-	-
A19.3.3.5.3. Fault isolation								-	-	-	-
A19.3.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.5.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.6. AN/ARC-164 UHF Communications and TSEC/KY-58 Secure Speech TR 1C-130(A)U-2-23JG-30-1, 30-2, 1C-130(A)U-2-23FI-30-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.6.1. Perform operational check	*							-	-	-	-
A19.3.3.6.2. Remove and install (R&I)											
A19.3.3.6.2.1. R/T								-	-	-	-
A19.3.3.6.2.2. Antenna								-	-	-	-
A19.3.3.6.2.3. Back-up Control Panel								-	-	-	-
A19.3.3.6.2.4. CTC Panel								-	-	-	-
A19.3.3.6.2.5. KY-58 Processor								-	-	-	-
A19.3.3.6.2.6. Z-AHP Remote Control Unit								-	-	-	-
A19.3.3.6.2.7. Cipher Text Mode Panel								-	-	-	-
A19.3.3.6.2.8. Secure Relay								-	-	-	-
A19.3.3.6.2.9. Antenna Selector								-	-	-	-
A19.3.3.6.2.10. Antenna Coax Relay								-	-	-	-
A19.3.3.6.3. Fault isolation								-	-	-	-
A19.3.3.6.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.3.3.6.5. Perform Phase Inspection								-	-	-	-
A19.3.3.7. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(A)U-2-23JG-20-5, 1C-130(A)U -2-23FI-20-1, 1C-											
A19.3.3.7.1. Perform operational check	*							-	-	-	-
A19.3.3.7.2. Remove and install (R&I)											
A19.3.3.7.2.1. R/T								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.7.2.2. R/T Mount								-	-	-	-
A19.3.3.7.2.3. Transmit/Receive Board								-	-	-	-
A19.3.3.7.2.4. Collar Assembly								-	-	-	-
A19.3.3.7.2.5. Antenna								-	-	-	-
A19.3.3.7.2.6. Preamplifier								-	-	-	-
A19.3.3.7.2.7. Interface Unit								-	-	-	-
A19.3.3.7.2.8. Hybrid Coupler								-	-	-	-
A19.3.3.7.2.9. KY-58 Processor								-	-	-	-
A19.3.3.7.2.10. Secure Relay								-	-	-	-
A19.3.3.7.3. Fault isolation								-	-	-	-
A19.3.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.7.5. Perform Phase Inspection								-	-	-	-
A19.3.3.8. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI -00-1, 1C-130 (A)U-2-8 and 1C-130(A)U -2-13											
A19.3.3.8.1. Perform operational Checks								-	-	-	-
A19.3.3.8.2. Remove and install (R&I)											
A19.3.3.8.2.1. Underwater Locator Beacon								-	-	-	-
A19.3.3.8.2.2. Battery								-	-	-	-
A19.3.3.8.3. Fault isolation								-	-	-	-
A19.3.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.8.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.3.9. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2 -31FI-00-1, 1CL-130(A)U-2-8 and 1C-130(A) U-2-13											
A19.3.3.9.1. Perform operational check								-	-	-	-
A19.3.3.9.2. Remove and install (R&I)											
A19.3.3.9.2.1. Voice Recorder								-	-	-	-
A19.3.3.9.2.2. Control unit								-	-	-	-
A19.3.3.9.2.3. Test Switch								-	-	-	-
A19.3.3.9.2.4. Microphone								-	-	-	-
A19.3.3.9.3. Fault Isolate								-	-	-	-
A19.3.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.9.5. Perform Phase Inspection								-	-	-	-
A19.3.4. NAVIGATION SYSTEMS											
A19.3.4.1. AN/APX-100 Identification Friend or Foe (IFF) TR: Applicable technical orders											
A19.3.4.1.1. Perform operational checks	*							-	-	-	-
A19.3.4.1.2. Remove and install (R&I)											
A19.3.4.1.2.1. Control Panel								-	-	-	-
A19.3.4.1.2.2. R/T								-	-	-	-
A19.3.4.1.2.3. Antennas								-	-	-	-
A19.3.4.1.2.4. Mode 4 Computer								-	-	-	-
A19.3.4.1.2.5. Mode 4 Computer Battery								-	-	-	-
A19.3.4.1.3. Fault isolation								-	-	-	-
A19.3.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.4.1.5. Perform Phase Inspection								-	-	-	-
A19.3.4.2. AN/ARN-147 VOR /ILS /MB TR: 1C-130(A)U-2-34JG-30-1, 1C-130(A)U -34FI-30-1, 1C-130(A)U-2-8, 1C-130(A)U-2-13											
A19.3.4.2.1. Perform operational check								-	-	-	-
A19.3.4.2.2. Remove and install (R&I)								-	-	-	-
A19.3.4.2.2.1. Receiver								-	-	-	-
A19.3.4.2.2.2. VOR Antenna								-	-	-	-
A19.3.4.2.2.3. GS Antenna								-	-	-	-
A19.3.4.2.2.4. MB Antenna								-	-	-	-
A19.3.4.2.2.5. MB Panel								-	-	-	-
A19.3.4.2.3. Fault isolation								-	-	-	-
A19.3.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.2.5. Perform Phase Inspection								-	-	-	-
A19.3.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(A)U-2-34JG-50-1, 1C-130(A)U -34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.3.1. Perform operational check								-	-	-	-
A19.3.4.3.2. Remove and install (R&I)											
A19.3.4.3.2.1. R/T								-	-	-	-
A19.3.4.3.2.2. Mount								-	-	-	-
A19.3.4.3.2.3. D/A Converter (MX Adapter								-	-	-	-
A19.3.4.3.2.4. HSVDIU								-	-	-	-
A19.3.4.3.2.5. Antennas								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.4.3.3. Fault isolation								-	-	-	-
A19.3.4.3.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.3.4.3.5. Perform Phase Inspection								-	-	-	-
A19.3.4.4. Inertial Navigation System (INS) TR: 1C-130(A)U-2-34JG-40-1, 1C-130(A)U -34FI-40-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.4.1. Perform operational check								-	-	-	-
A19.3.4.4.2. Remove and install (R&I)											
A19.3.4.4.2.1. INU								-	-	-	-
A19.3.4.4.2.2. INU Mount								-	-	-	-
A19.3.4.4.2.3. Control Panel								-	-	-	-
A19.3.4.4.2.4. Battery								-	-	-	-
A19.3.4.4.3. Fault isolation								-	-	-	-
A19.3.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.4.5. Perform Phase Inspection								-	-	-	-
A19.3.4.5. AN/ARN-151 Global Positioning System (GPS) TR: C-130(A)U-2-34JG-50-2, 1C-130(A)U -34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.5.1. Perform operational check	*							-	-	-	-
A19.3.4.5.2. Remove and install (R&I)											
A19.3.4.5.2.1. Receiver								-	-	-	-
A19.3.4.5.2.2. Receiver Mount								-	-	-	-
A19.3.4.5.2.3. Antenna Controller								-	-	-	-
A19.3.4.5.2.4. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.4.5.2.5. Battery								-	-	-	-
A19.3.4.5.3. Fault isolation								-	-	-	-
A19.3.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.5.5. Perform Phase Inspection								-	-	-	-
A19.3.4.6. AN/ARN-149 DF-206A Automatic Direction Finder TR: 1C-130(A)U-2-34JG-50-2, 1C-130(A)U -34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.6.1. Perform operational check								-	-	-	-
A19.3.4.6.2. Remove and install (R&I)											
A19.3.4.6.2.1. Receiver								-	-	-	-
A19.3.4.6.2.2. Antenna								-	-	-	-
A19.3.4.6.3. Fault isolation								-	-	-	-
A19.3.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.6.5. Perform Phase Inspections								-	-	-	-
A19.3.4.7. DF-301E UHF/VHF Direction Finder TR: 1C-130(A)U-2-34JG-50-2, 1C-130(A)U -34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.7.1. Perform operational check								-	-	-	-
A19.3.4.7.2. Remove and install (R&I_											
A19.3.4.7.2.1. Antenna								-	-	-	-
A19.3.4.7.2.2. UHF/VHF DF Switching Relay								-	-	-	-
A19.3.4.7.2.3. Phase Shift Relay								-	-	-	-
A19.3.4.7.2.4. CTC Panel								-	-	-	-
A19.3.4.7.3. Fault isolation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.7.5. Perform Phase Inspection								-	-	-	-
A19.3.5. RADAR SYSTEMS											
A19.3.5.1. AN/APQ-180 Radar TR: 1C-130(A)U-2-94JG-70-1, 70-2, 70-3, 70-4, 1C-130(A)U-94FI-70-1, 1C-130(A)U -2-8and 1C-130(A)U-2-13											
A19.3.5.1.1. Perform operational check								-	-	-	-
A19.3.5.1.2. Perform Antenna Hydraulic Leak Check								-	-	-	-
A19.3.5.1.3. Perform Radar Waveguide Set Pressurization check								-	-	-	-
A19.3.5.1.4. Remove and Install (R&I)											
A19.3.5.1.4.1. Transmitter								-	-	-	-
A19.3.5.1.4.2. Antenna								-	-	-	-
A19.3.5.1.4.3. Radar Data Processor (RDP)								-	-	-	-
A19.3.5.1.4.4. Analog-to-Digital Converter (ADC)								-	-	-	-
A19.3.5.1.4.5. Receiver/Exciter (R/E)								-	-	-	-
A19.3.5.1.4.6. Programmable Signal Processor (PSP)								-	-	-	-
A19.3.5.1.4.7. Low Voltage Power Supply (LVPS)								-	-	-	-
A19.3.5.1.4.8. Radar Control Panel (RCP)								-	-	-	-
A19.3.5.1.4.9. Inner Azimuth Integrating Rage Gyro								-	-	-	-
A19.3.5.1.4.10. Elevation Integrating Rate Gyro								-	-	-	-
A19.3.5.1.4.11. Azimuth Hydraulic Servo-Valve								-	-	-	-
A19.3.5.1.4.12. Elevation Hydraulic Servo-Valve								-	-	-	-
A19.3.5.1.4.13. Radar Dehydrator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.5.1.4.14. Dehydrator Crystals								-	-	-	-
A19.3.5.1.5. Update Radar Antenna Harmonization								-	-	-	-
A19.3.5.1.6. Load and Verify OFP Procedures								-	-	-	-
A19.3.5.1.7. Fault isolation								-	-	-	-
A19.3.5.1.8. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.5.1.9. Perform Phase Inspection								-	-	-	-
A19.3.5.2. AN/APN-232 Combined Altitude Radar Altimeter TR: 1C-130(A)U-2-34JG-10-2, 1C-130(A)U-34FI-10-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.5.2.1. Perform operational check	*							-	-	-	-
A19.3.5.2.2. Remove and install (R&I)											
A19.3.5.2.2.1. R/T								-	-	-	-
A19.3.5.2.2.2. Indicator								-	-	-	-
A19.3.5.2.2.3. Antenna								-	-	-	-
A19.3.5.2.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.3.5.2.2.5. CARA Select Switch								-	-	-	-
A19.3.5.2.3. Adjust Altitude								-	-	-	-
A19.3.5.2.4. Fault isolation								-	-	-	-
A19.3.5.2.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.5.2.6. Perform Phase Inspection								-	-	-	-
A19.3.5.3. Radar Transponder System TR: 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.5.3.1. Perform operational check								-	-	-	-
A19.3.5.3.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.5.3.2.1. R/T								-	-	-	-
A19.3.5.3.2.2. Antenna								-	-	-	-
A19.3.5.3.3. Fault isolation								-	-	-	-
A19.3.5.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.5.3.5. Perform Phase Inspection								-	-	-	-
A19.3.5.4. Control Display Unit (CDU) System TR: 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.5.4.1. Perform operational check								-	-	-	-
A19.3.5.4.2. Remove and install (R&I)											
A19.3.5.4.2.1. CDU								-	-	-	-
A19.3.5.4.2.2. Flight Deck Power Panel								-	-	-	-
A19.3.5.4.2.3. R/N FCO Power Panel								-	-	-	-
A19.3.5.4.2.4. EWO Power Panel								-	-	-	-
A19.3.5.4.3. Fault isolation								-	-	-	-
A19.3.5.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.5.4.5. Perform Phase Inspection								-	-	-	-
A19.3.6. MISSION SYSTEMS											
A19.3.6.1. AAQ-26 Infrared System TR: Applicable technical orders											
A19.3.6.1.1. Perform operational check	*							-	-	-	-
A19.3.6.1.2. Remove and install (R&I)											
A19.3.6.1.2.1. Infrared Receiver								-	-	-	-
A19.3.6.1.2.2. Control Converter								-	-	-	-
A19.3.6.1.2.3. IR Set Control								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.6.1.2.4. IR Transformer								-	-	-	-
A19.3.6.1.2.5. Aux IR Panel								-	-	-	-
A19.3.6.1.2.6. Close Out Panel								-	-	-	-
A19.3.6.1.2.7. Monitors								-	-	-	-
A91.3.6.1.3. Perform Boresight								-	-	-	-
A19.3.6.1.4. Fault isolation								-	-	-	-
A19.3.6.1.5. Aircraft Avionic System Integration								-	-	-	-
A19.3.6.1.6. Perform Phase Inspection								-	-	-	-
A19.3.6.2. All Light Level Television (ALLTV) TR: 1C-130(A)U-2-99JG-60-1, 1C-130(A)U -99FI-60-1, 1CK-130(A)7-2-13 and 1C-130(A) U-2-14											
A19.3.6.2.1. Perform operational checks								-	-	-	-
A19.3.6.2.2. Remove and install (R&I)											
A19.3.6.2.2.1. Turret								-	-	-	-
A19.3.6.2.2.2. Control Electronic Unit (CEU)								-	-	-	-
A19.3.6.2.2.3. Laser Control Panel								-	-	-	-
A19.3.6.2.2.4. System Control Panel								-	-	-	-
A19.3.6.2.2.5. Close Out Panel								-	-	-	-
A19.3.6.2.2.6. WFOV Optical Assembly								-	-	-	-
A19.3.6.2.2.7. N/MFOV Optical Assembly								-	-	-	-
A19.3.6.2.2.8. Laser Illuminator Assembly								-	-	-	-
A19.3.6.2.2.9. Laser Target Designator/Range Finder								-	-	-	-
A19.3.6.2.2.10. Camera Control Electronics								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.6.2.2.11. Power Unit								-	-	-	-
A19.3.6.2.2.12. Turret Control Unit								-	-	-	-
A19.3.6.2.2.13. Heat Exchanger								-	-	-	-
A19.3.6.2.2.14. Manual Light Control Panel								-	-	-	-
A19.3.6.2.2.15. Maintenance Panel								-	-	-	-
A19.3.6.2.2.16. Mass Simulator								-	-	-	-
A19.3.6.2.3. Perform Ground Boresight								-	-	-	-
A19.3.6.2.4. Fault isolation								-	-	-	-
A19.3.6.2.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.6.2.6. Perform Phase Inspection								-	-	-	-
A19.3.6.3. Airborne Video Cassette Recorder System (AVCRS) TR: 1C-130(A)U-2-99JG-30-1, 1C-130(A)U -99FI-30-1, 1C-130(A)U-2-13 and 1C-130(A)U-2-14											
A19.3.6.3.1. Perform operational checks								-	-	-	-
A19.3.6.3.2. Remove and Install (R&)											
A19.3.6.3.2.1. Video Tape Recorder Assembly								-	-	-	-
A19.3.6.3.2.2. DC to DC Converter								-	-	-	-
A19.3.6.3.2.3. DC to DC Capacitor								-	-	-	-
A19.3.6.3.2.4. VCR Select Panel								-	-	-	-
A19.3.6.3.2.5. Wired Remote Control								-	-	-	-
A19.3.6.3.2.6. Degausser								-	-	-	-
A19.3.6.3.3. Fault isolation								-	-	-	-
A19.3.6.3.4. Aircraft Avionics Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.3.6.3.5. Perform Phase Inspection								-	-	-	-
A19.3.7. MISCELLANEOUS											
A19.3.7.1. Indicators and Displays TR: Applicable JG))											
A19.3.7.1.1. Remove and install (R&I											
A19.3.7.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.3.7.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.3.7.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.3.7.1.1.4. Radio Magnetic Indicator								-	-	-	-
A19.3.7.1.1.5. Multifunction Display (BMFD/CMFD)								-	-	-	-
A19.3.7.1.1.6. Altimeter-Encoder								-	-	-	-
A19.4. MC-130E ON-EQUIMENT MAINTENANCE											
A19.4.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A19.4.1.1. Aircraft Familiarization								-	-	-	-
A19.4.1.2. Major Structure Areas								-	-	-	-
A19.4.1.3. Major Systems								-	-	-	-
A19.4.2. GENERAL MAINTENANCE TASKS TR: Aircraft technical orders, 00-series technical orders, local O.I.s											
A19.4.2.1. Technical order familiarization								-	-	-	-
A19.4.2.2. Flightline safety/precautions/security	*							-	-	-	-
A19.4.2.3. Ensure Aircraft is safe for maintenance	*							-	-	-	-
A19.4.2.4. Inspection/operation portable external electrical power unit								-	-	-	-
A19.4.2.5. Inspect/use ground maintenance stands								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.2.6. Dropped object prevention program (DOPP)								-	-	-	-
A19.4.2.7. Statically ground aircraft								-	-	-	-
A19.4.2.8. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.4.2.9. Perform aircraft wash								-	-	-	-
A19.4.2.10. Perform Refuel/Defuel Team Member Duties											
A19.4.2.10.1. Refuel/Defuel supervisor								-	-	-	-
A19.4.2.10.2. SPR panel operator								-	-	-	-
A19.4.2.10.3. Flight deck fuel panel operator								-	-	-	-
A19.4.2.11. Open and close engine cowling								-	-	-	-
A19.4.2.12. Remove/install aircraft maintenance access panels								-	-	-	-
A19.4.2.13. Open and Close Nose Radome								-	-	-	-
A19.4.2.14. Open and Close Nose Wheel Door								-	-	-	-
A19.4.2.15. Perform aircraft marshalling procedures								-	-	-	-
A19.4.2.16. Perform Aircraft Towing Team Member Duties											
A19.4.2.16.1. Wing/tail Walker								-	-	-	-
A19.4.2.16.2. Brake Operator								-	-	-	-
A19.4.2.17. Perform Aircraft Jacking Team Member Duties											
A19.4.2.17.1. Jacking Supervisor								-	-	-	-
A19.4.2.17.2. Jacking Team Member								-	-	-	-
A19.4.2.18. Operate aircraft GTC/ATM								-	-	-	-
A19.4.3. COMMUNICATIONS SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.1. AN/AIC-18/25 Interphone TR: 1C-130(M)E-2-23JG-50-1, 1C-130(M)H-2-23FI-50-1, 1C-130(M)E-1-8 and 1C-130(M)E-2-13											
A19.4.3.1.1. Perform operational check								-	-	-	-
A19.4.3.1.2. Remove and install (R&I)											
A19.4.3.1.2.1. Interphone Control Panel								-	-	-	-
A19.4.3.1.2.2. Monitor Panel								-	-	-	-
A19.4.3.1.2.3. Auxiliary ICS Control Panel								-	-	-	-
A19.4.3.1.2.4. INTER/MIC Control Switch								-	-	-	-
A19.4.3.1.2.5. Foot Switch								-	-	-	-
A19.4.3.1.2.6. Communication Cord								-	-	-	-
A19.4.3.1.2.7. Private Intercommunications Panel								-	-	-	-
A19.4.3.1.3. Fault isolation								-	-	-	-
A19.4.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.1.5. Perform Phase Inspection								-	-	-	-
A19.4.3.2. AN/ARC-190 HF Communication TR: 1C-130(M)H-2-23JG-10-1, 1C-130(M)H-2-23FI-10-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.2.1. Perform operational check	*							-	-	-	-
A19.4.3.2.2. Remove and install (R&I)											
A19.4.3.2.2.1. R/T								-	-	-	-
A19.4.3.2.2.2. Mount								-	-	-	-
A19.4.3.2.2.3. Control Box								-	-	-	-
A19.4.3.2.2.4. Automatic Control Processor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.2.2.5. Antenna Coupler								-	-	-	-
A19.4.3.2.2.6. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.4.3.2.2.7. External Wire Antenna								-	-	-	-
A19.4.3.2.3. Fault isolation								-	-	-	-
A19.4.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.2.5. Perform Phase Inspection								-	-	-	-
A19.4.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(M)H-2-23JG-10-2, 1C-130(M)H -2-23FI-10-2, 1C-130(M)E-2-8 and 1C-130(M)E 2-13											
A19.4.3.3.1. Perform operational check	*							-	-	-	-
A19.4.3.3.2. Remove and install (R&I)											
A19.4.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.4.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.4.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.4.3.3.2.4. Split Remote Control Unit (SRCU)								-	-	-	-
A19.4.3.3.3. Fault isolation								-	-	-	-
A19.4.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.3.5. Perform Phase Inspection								-	-	-	-
A19.4.3.4. AN/ARC-186 VHF Communications TR: 1C-130(M)H-2-23JG-20-2, 1C-130(M)H -2-23FI-20-2, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.4.1. Perform operational check								-	-	-	-
A19.4.3.4.2. Remove & install (R&I)											
A19.4.3.4.2.1. R/T								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.4.2.2. Antennas								-	-	-	-
A19.4.3.4.2.3. Radio Control Set (RSC)								-	-	-	-
A19.4.3.4.2.4. Signal Data Comparator (SDC) FM Homing								-	-	-	-
A19.4.3.4.3. Fault isolation								-	-	-	-
A19.4.3.4.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.4.3.4.5. Perform Phase Inspection								-	-	-	-
A19.4.3.5. AN/ARC-222 VHF Communications TR: 1C-130(M)H-2-23JG-20-2, 1C-130 (M)H-2-23FI-20-2, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.5.1. Perform operational check								-	-	-	-
A19.4.3.5.2. Remove and install (R&I)											
A19.4.3.5.2.1. R/T								-	-	-	-
A19.4.3.5.2.2. Antennas								-	-	-	-
A19.4.3.5.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.4.3.5.2.4. Radio Control Set (RSC)								-	-	-	-
A19.4.3.5.3. Fault isolation								-	-	-	-
A19.4.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.6. AN/ARC-164 UHF Communications TR: 1C-130(M)H-2-23JG-20-1, 1C-130(M) H-2-23FI-20-1, 1C-130(M)E-1-8 and 1C-130(M)E-2-13											
A19.4.3.6.1. Perform operational check	*							-	-	-	-
A19.4.3.6.2. Remove and install (R&I)											
A19.4.3.6.2.1. R/T								-	-	-	-
A19.4.3.6.2.2. Antennas								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.6.2.3. Control Panel								-	-	-	-
A19.4.3.6.2.4. Antenna Switching Unit								-	-	-	-
A19.4.3.6.2.5. Antenna Selector Panel								-	-	-	-
A19.4.3.6.3. Fault isolation								-	-	-	-
A19.4.3.6.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.4.3.6.5. Perform Phase Inspection								-	-	-	-
A19.4.3.7. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130-(M)H-2-23JG-20-3, 1C-130(M)H-2-23FI-20-3, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.7.1. Perform operational check	*							-	-	-	-
A19.4.3.7.2. Remove and install (R&I)											
A19.4.3.7.2.1. Processor								-	-	-	-
A19.4.3.7.2.2. Adapter Interface								-	-	-	-
A19.4.3.7.2.3. Processor Battery								-	-	-	-
A19.4.4.2.3. Remove Control Unit (RCU)								-	-	-	-
A19.4.3.7.4. Fault isolation								-	-	-	-
A19.4.3.7.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.7.6. Perform Phase Inspection								-	-	-	-
A19.4.3.8. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130-(M)H-2-23JG-20-3, 1C-130(M)H-2-23FI-20-3, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.8.1. Perform operational check	*							-	-	-	-
A19.4.3.8.2. Remove and install (R&I)											
A19.4.3.8.2.1. Processor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.8.2.2. Processor Battery								-	-	-	-
A19.4.3.8.2.3. Remote Control Unit (RCU)								-	-	-	-
A19.4.3.8.3. Fault isolation								-	-	-	-
A19.4.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.8.5. Perform Phase Inspection								-	-	-	-
A19.4.3.9. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(M)H-2-23JG-30-1, 1C-130(M)H -23FI-30-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.9.1. Perform operational check	*							-	-	-	-
A19.4.3.9.2. Remove and install (R&I)											
A19.4.4.1.2.1. R/T								-	-	-	-
A19.4.3.9.2.2. R/T Mount								-	-	-	-
A19.4.3.9.2.3. Antenna								-	-	-	-
A19.4.3.9.2.4. Preamplifier								-	-	-	-
A19.4.3.9.2.5. Radio Set Controller								-	-	-	-
A19.4.3.9.2.6. Interface Unit								-	-	-	-
A19.4.3.9.2.7. DAMA Modem								-	-	-	-
A19.4.3.9.2.8. Modem Mount								-	-	-	-
A19.4.3.9.2.9. Modem Control Indicator								-	-	-	-
A19.4.3.9.2.10. VDC-300 Data Controller								-	-	-	-
A19.4.3.9.2.11. Operator Auxiliary Panel								-	-	-	-
A19.4.3.9.2.12. SATCOM Antenna Select Panel								-	-	-	-
A19.4.3.9.2.13. Data I/O Device (Laptop)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.9.3. Fault isolation								-	-	-	-
A19.4.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.9.5. Perform Phase Inspection								-	-	-	-
A19.4.3.10. AN/AIC-13 Public Address System TR: 1C-130(M)H-2-23-JG-40-1, 1C-130(M) H-2-23FI-40-1, 1CL-130(M)E-2-8 and 1C-130 (M)E-2-13											
A19.4.3.10.1. Perform operational check								-	-	-	-
A19.4.3.10.2. Remove and install (R&I)											
A19.4.3.10.2.1. Main Control Panel								-	-	-	-
A19.4.3.10.2.2. System Amplifier								-	-	-	-
A19.4.3.10.2.3. System Loudspeaker								-	-	-	-
A19.4.3.10.2.4. Hand-Held Microphone								-	-	-	-
A19.4.3.10.3. Fault isolation								-	-	-	-
A19.4.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.10.5. Perform Phase Inspection								-	-	-	-
A19.4.3.11. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2 -25FI-00-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.11.1. Perform operational checks								-	-	-	-
A19.4.3.11.2. Remove and install (R&I)											
A19.4.3.11.2.1. Underwater Locator Beacon								-	-	-	-
A19.4.3.11.2.2. Battery								-	-	-	-
A19.4.3.11.3. Fault isolation								-	-	-	-
A19.4.3.11.4. Aircraft Avionics Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.3.11.5. Perform Phase Inspection								-	-	-	-
A19.4.3.12. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2-31FI-00-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.12.1. Perform operational check								-	-	-	-
A19.4.3.12.2. Remove and install (R&I)											
A19.4.3.12.2.1. Voice Recorder								-	-	-	-
A19.4.3.12.2.2. Control Unit								-	-	-	-
A19.4.3.12.2.3. Test Switch								-	-	-	-
A19.4.3.12.2.4. Microphone								-	-	-	-
A19.4.3.12.3. Fault isolation								-	-	-	-
A19.4.3.12.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.12.5. Perform Phase Inspection								-	-	-	-
A19.4.4. NAVIGATION SYSTEMS											
A19.4.4.1. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130(M)H-2-34JG-50-8, 1C-130(M)H-2-34-50-8, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.1.1. Perform operational check	*							-	-	-	-
A19.4.4.1.2. Remove and install (R&I)								-	-	-	-
A19.4.4.1.2.1. Control Panel								-	-	-	-
A19.4.4.1.2.2. R/T								-	-	-	-
A19.4.4.1.2.3. Antennas								-	-	-	-
A19.4.4.1.2.4. Mode 4 Computer								-	-	-	-
A19.4.4.1.2.5. Mode 4 Computer Battery								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.4.1.2.6. Antenna Switch and Caution Light Panel								-	-	-	-
A19.4.4.1.2.7. Antenna Switching Unit								-	-	-	-
A19.4.4.1.2.8. Transponder Test Set								-	-	-	-
A19.4.4.1.3. Fault isolation								-	-	-	-
A19.4.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.1.5. Perform Phase Inspection								-	-	-	-
A19.4.4.2. AN/ARN-147 VOR/ILS/MB TR: 1C-130(M)E-2-34JG-50-2, 1C-130(M)E -2.34FI-50-2, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.2.1. Perform operational check								-	-	-	-
A19.4.4.2.2. Remove and install (R&I)											
A19.4.4.2.2.1. Receiver								-	-	-	-
A19.4.4.2.2.2. Control Box								-	-	-	-
A19.4.4.2.2.3. VOR Antenna								-	-	-	-
A19.4.4.2.2.4. GS Antenna								-	-	-	-
A19.4.4.2.2.5. MB Antenna								-	-	-	-
A19.4.4.2.2.6. MB Panel								-	-	-	-
A19.4.4.2.2.7. Navigation Instrument Switching Relays								-	-	-	-
A19.4.4.2.3. Fault isolation								-	-	-	-
A19.4.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.2.5. Perform Phase Inspection								-	-	-	-
A19.4.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(M)H-2-34JG-50-1, 1C-130(M)H -2-34FI-50-1, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.4.3.1. Perform operational check								-	-	-	-
A19.4.4.3.2. Remove and install (R&I)											
A19.4.4.3.2.1. R/T								-	-	-	-
A19.4.4.3.2.2. Mount								-	-	-	-
A19.4.4.3.2.3. D/A Converter (MX Adapter)								-	-	-	-
A19.4.4.3.2.4. Coupler								-	-	-	-
A19.4.4.3.2.5. Control Box								-	-	-	-
A19.4.4.3.2.6. Antennas								-	-	-	-
A19.4.4.3.3. Fault isolation								-	-	-	-
A19.4.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.3.5. Perform Phase Inspection								-	-	-	-
A19.4.4.4. Inertial Navigation System (INS) TR: 1C-130(M)H-2-34JG-40-1, 1C-130(M)H -2-34FI-40-1, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.4.1. Perform operational check								-	-	-	-
A19.4.4.4.2. Remove and install (R&I)											
A19.4.4.4.2.1. INU								-	-	-	-
A19.4.4.4.2.2. INU Mount								-	-	-	-
A19.4.4.4.2.3. INU Battery								-	-	-	-
A19.4.4.4.2.4. INU Fan								-	-	-	-
A19.4.4.4.3. Fault isolation								-	-	-	-
A19.4.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.4.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(M)H-2-34JG-50-6, 1C-130(M)H -2-34FI-50-6, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.5.1. Perform operational check	*							-	-	-	-
A19.4.4.5.2. Remove and install (R&I)											
A19.4.4.5.2.1. Receiver								-	-	-	-
A19.4.4.5.2.2. Receiver Mount								-	-	-	-
A19.4.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.4.4.5.2.4. Antenna								-	-	-	-
A19.4.4.5.2.5. Antenna Controller								-	-	-	-
A19.4.4.5.2.6. Remove Fill Port Panel								-	-	-	-
A19.4.4.5.2.7. Batteries								-	-	-	-
A19.4.4.5.3. Fault isolation								-	-	-	-
A19.4.4.5.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.5.6. Perform Phase Inspections								-	-	-	-
A19.4.4.6. AN/ARA-25 UHF Direction Finder TR: 1C-130(M)E-2-34JG-50-4, 1C-130(M) E-2-34FI-50-4, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.6.1. Perform operational check								-	-	-	-
A19.4.4.6.2. Remove and install (R&I)											
A19.4.4.6.2.1. Amplifier								-	-	-	-
A19.4.4.6.2.2. Antenna								-	-	-	-
A19.4.4.6.2.3. Power Supply								-	-	-	-
A19.4.4.6.2.4. Antenna Changeover Relay								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.4.6.2.5. Control Relay								-	-	-	-
A19.4.4.6.2.6. DF Relays								-	-	-	-
A19.4.4.6.3. Fault isolation								-	-	-	-
A19.4.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.6.5. Perform Phase Inspection								-	-	-	-
A19.4.4.7. AN/ARN-6 Radio Compass (ADF) TR: 1C-130(M)E-2-34JG-50-4, 1C-130(M)E-2-34FI-50-4, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.7.1. Perform operational check								-	-	-	-
A19.4.4.7.2. Remove and install (R&I)											
A19.4.4.7.2.1. Receiver								-	-	-	-
A19.4.4.7.2.2. Tuning-Drive Amplifier								-	-	-	-
A19.4.4.7.2.3. Control Panel								-	-	-	-
A19.4.4.7.2.4. Tuning-Drive Motor								-	-	-	-
A19.4.4.7.2.5. Loop Antenna								-	-	-	-
A19.4.4.7.2.6. Sense Antenna								-	-	-	-
A19.4.4.7.3. Fault isolation								-	-	-	-
A19.4.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.7.5. Perform Phase Inspection								-	-	-	-
A19.4.4.8. AN/APN-218 Doppler Navigation System TR: 1C-130(M)E-2-34JG-40-6, 1C-130(M)E-2-34FI-40-6, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.8.1. Perform operational check								-	-	-	-
A19.4.4.8.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.4.8.2.1. DVS								-	-	-	-
A19.4.4.8.2.2. GSDAI (Pilot/Copilot)								-	-	-	-
A19.4.4.8.2.3. GSDI (Navigator)								-	-	-	-
A19.4.4.8.2.4. Dehydrator								-	-	-	-
A19.4.4.8.3. Fault isolation								-	-	-	-
A19.4.4.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.8.5. Perform Phase Inspection								-	-	-	-
A19.4.5. RADAR SYSTEMS											
A19.4.5.1. ANAPQ-122 Multimode Radar System TR: 1C-130(M)E-2-34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.5.1.1. Perform operational check								-	-	-	-
A19.4.5.1.2. Remove and install (R&I)											
A19.4.5.1.2.1. Left Nav DSC Control Panel								-	-	-	-
A19.4.5.1.2.2. Right Nav DSC Control Panel								-	-	-	-
A19.4.5.1.2.3. Left Nav DSC Indicator								-	-	-	-
A19.4.5.1.2.4. Right Nav DSC Indicator								-	-	-	-
A19.4.5.1.2.5. Pilots DSC Control Panel								-	-	-	-
A19.4.5.1.2.6. Pilots DSC Indicator								-	-	-	-
A19.4.5.1.2.7. TF Warning Lights Panel								-	-	-	-
A19.4.5.1.2.8. Maintenance Panel								-	-	-	-
A19.4.5.1.2.9. TF Transmitter SW/TF Warning Light Panel								-	-	-	-
A19.4.5.1.2.10. X-Band Set Control Panel								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.5.1.2.11. Ka-Band Sent Control Panel								-	-	-	-
A19.4.5.1.2.12. Antenna Control								-	-	-	-
A19.4.5.1.2.13. Cursor Control Panel								-	-	-	-
A19.4.5.1.2.14. Digital Scan Converter (DSC)								-	-	-	-
A19.4.5.1.2.15. DSC Power Supply								-	-	-	-
A19.4.5.1.2.16. Power Supply Programmer (PSP)								-	-	-	-
A19.4.5.1.2.17. TF Computer								-	-	-	-
A19.4.5.1.2.18. Electronic Control Amplifier (ECA)								-	-	-	-
A19.4.5.1.2.19. X Band R/T								-	-	-	-
A19.4.5.1.2.20. Ka Band R/T								-	-	-	-
A19.4.5.1.2.21. TF Receiver								-	-	-	-
A19.4.5.1.2.22. TF Antenna								-	-	-	-
A19.4.5.1.2.23. X/Ka Band Antenna								-	-	-	-
A19.4.5.1.3. Perform Boresight								-	-	-	-
A19.4.5.1.4. Perform Functional Check Flight (FCP)								-	-	-	-
A19.4.5.1.5. Fault isolation								-	-	-	-
A19.4.5.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.1.7. Perform Phase Inspections								-	-	-	-
A19.4.5.2. AN/ASQ-14 Radar Pressurization System TR: 1C-130(M)E-2-34JG-40-2, 1C-130(M)E -2-34FI-40-2, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.5.2.1. Perform operational check								-	-	-	-
A19.4.5.2.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.5.2.2.1. Air Compressor								-	-	-	-
A19.4.5.2.2.2. Pressure Switch								-	-	-	-
A19.4.5.2.2.3. Control Panel								-	-	-	-
A19.4.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.4.5.2.3. Fault isolation								-	-	-	-
A19.4.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.2.5. Perform Phase Inspection								-	-	-	-
A19.4.5.3. Ka Freon Pressurization System TR: 1C-130(M)E-2-34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1 and 1C-130(M)E -2-10, 1C-130(M)E-2-13											
A19.4.5.3.1. Perform operational check								-	-	-	-
A19.4.5.3.2. Remove and install (R&I)											
A19.4.5.3.2.1. Ka-Band Pressurization Control Panel								-	-	-	-
A19.4.5.3.2.2. Control Valve								-	-	-	-
A19.4.5.3.2.3. Pressure Regulator								-	-	-	-
A19.4.5.3.2.4. Pressure Switch								-	-	-	-
A19.4.5.3.2.5. Freon Bottle Pressure Gauge								-	-	-	-
A19.4.5.3.2.6. Compressed Gas Cylinder								-	-	-	-
A19.4.5.3.3. Purge Ka Band Radar System								-	-	-	-
A19.4.5.3.4. Fault isolation								-	-	-	-
A19.4.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.3.6. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.5.4. Radar Cooling Air System TR: 1C-130(M)E-2.34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1 and 1C-130(M)E -2-10, 1C-130(M)E-2-13											
A19.4.5.4.1. Perform operational check								-	-	-	-
A19.4.5.4.2. Remove and install (R&I)											
A19.4.5.4.2.1. Radar Cooling/Air Fail Light Panel								-	-	-	-
A19.4.5.4.2.2. Blower Assembly								-	-	-	-
A19.4.5.4.2.3. Air Shutoff Valves								-	-	-	-
A19.4.5.4.2.4. Pressure Switches								-	-	-	-
A19.4.5.4.2.5. Filters								-	-	-	-
A19.4.5.4.3. Fault isolation								-	-	-	-
A19.4.5.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.4.5. Perform Phase Inspection								-	-	-	-
A19.4.5.5. Dual Angle Measuring System TR: 1C-130(M)E-2-34JGK-20-4, 1C-130(M)E-2-34FI-20-4, 1C-130(M)E-2-8 and 1C-130(M)E -2-13											
A19.4.5.5.1. Perform operational checks								-	-	-	-
A19.4.5.5.2. Remove and install (R&I)											
A19.4.5.5.2.1. Angle of Attack (AOA) Probe								-	-	-	-
A19.4.5.5.2.2. Dual Angle Indicator								-	-	-	-
A19.4.5.5.2.3. AOA Probe Anti-icing Control								-	-	-	-
A19.4.5.5.3. Fault isolation								-	-	-	-
A19.4.5.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.5.5. Perform Phase Inspections								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.5.6. AN/APN-171 Radar Altimeter TR: 1C-130(M)E-2-34JG-40-5, 1C-130(M)E -2-34FI-40-5, 1C-130(M)E-2-8 and 1C-130(M)E -2-13											
A19.4.5.6.1. Perform operational check	*							-	-	-	-
A19.4.5.6.2. Remove and install (R&I)											
A19.4.5.6.2.1. R/T								-	-	-	-
A19.4.5.6.2.2. Indicator								-	-	-	-
A19.4.5.6.2.3. Antenna								-	-	-	-
A19.4.5.6.3. Adjust Altitude								-	-	-	-
A19.4.5.6.4. Fault isolation								-	-	-	-
A19.4.5.6.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.6.6. Perform Phase Inspection								-	-	-	-
A19.4.5.7. Radar Transp0onder System TR: 1C-130(M)H-2-34JG-50-5, 1C-130(M)H -2-34FI-50-5, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.5.7.1. Perform operational check								-	-	-	-
A19.4.5.7.2. Remove and install (R&I)											
A19.4.5.7.2.1. R/T								-	-	-	-
A19.4.5.7.2.2. Antenna								-	-	-	-
A19.4.5.7.2.3. Radar Transponder Panel								-	-	-	-
A19.4.5.7.3. Fault isolation								-	-	-	-
A19.4.5.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.7.5. Perform Phase Inspection								-	-	-	-
A19.4.6. MISSION SYSTEMS											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.6.1. AAQ-18 Infrared System TR: 1C-130(M)E-2-93JG-00-1, 1C-130(M)E -2-93FI-00-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.6.1.1. Perform Checkouts											
A19.4.6.1.1.1Operational checkout	*							-	-	-	-
A19.4.6.1.1.2. Extend/Retract Checkout								-	-	-	-
A19.4.6.1.1.3. Alarm and Warning Checkout	*							-	-	-	-
A19.4.6.1.1.4. No Alarm Checkout								-	-	-	-
A19.4.6.1.2. Remove and Install (R&I)											
A19.4.6.1.2.1. Receiver								-	-	-	-
A19.4.6.1.2.2. Power Supply								-	-	-	-
A19.4.6.1.2.3. ECA								-	-	-	-
A19.4.6.1.2.4. Set Control								-	-	-	-
A19.4.6.1.2.5. Mount Base								-	-	-	-
A19.4.6.1.2.6. Monitor								-	-	-	-
A19.4.6.1.2.7. Extend/Retract Control Panel								-	-	-	-
A19.4.6.1.2.8. Monitor Panel								-	-	-	-
A19.4.6.1.2.9. Extend/Retract Actuator (Ballscrew)								-	-	-	-
A19.4.6.1.2.10. Pneumatic Panel Components								-	-	-	-
A19.4.6.1.2.11. Pneumatic Door Actuator								-	-	-	-
A19.4.6.1.2.12. FPI								-	-	-	-
A19.4.6.1.2.13. Closeout Panel								-	-	-	-
A19.4.6.1.3. Adjust Cable Tension, Door Actuator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.4.6.1.4. Perform Slave Synchro Adjustment								-	-	-	-
A19.4.6.1.5. Service Ballscrew Actuator								-	-	-	-
A19.4.6.1.6. Fault isolation								-	-	-	-
A19.4.6.1.7. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.6.1.8. Perform Phase Inspection								-	-	-	-
A19.4.6.2. Pneumatic System											
A19.4.6.2.1. Adjust Pressure								-	-	-	-
A19.4.6.2.2. Adjust Door Opening Speed								-	-	-	-
A19.4.6.2.3. Clean/Replace Pneumatic Panel Filter								-	-	-	-
A19.4.6.2.4. Drain Pneumatic Panel Filter								-	-	-	-
A19.4.6.2.5. Fault isolation								-	-	-	-
A19.4.6.2.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.6.2.7. Perform Phase Inspection								-	-	-	-
A19.4.7. MISCELLANEOUS											
A19.4.7.1. Indicators and Displays TR: Applicable Job Guides											
A19.4.7.1.1. Remove and install (R&I)											
A19.4.7.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.4.7.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.4.7.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.4.7.1.1.4. Radio Magnetic Indicator								-	-	-	-
A19.4.7.1.1.5. Control Display Unit (Mission Computer)								-	-	-	-
A19.4.7.1.1.6. Altimeter-Encoder								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5. MC-130H ON-EQUIPMENT MAINTENANCE											
A19.5.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A19.5.1.1. Aircraft Familiarization								-	-	-	-
A19.5.1.2. Major Structure Areas								-	-	-	-
A19.5.1.3. Major Systems								-	-	-	-
A19.5.2. GENERAL MAINTENANCE TASKS											
A19.5.2.1. Technical order familiarization								-	-	-	-
A19.5.2.2. Flightline safety/ precautions/ security	*							-	-	-	-
A19.5.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.5.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.5.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.5.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.5.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.5.2.8. Statically ground aircraft								-	-	-	-
A19.5.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.5.2.10. Apply Cooling Air to aircraft	*							-	-	-	-
A19.5.2.11. Perform aircraft wash								-	-	-	-
A19.5.2.12. Perform refuel/defuel team member duties											
A19.5.2.12. Refuel/Defuel supervisor								-	-	-	-
A19.5.2.12. SPR Panel Operator								-	-	-	-
A19.5.2.12. Flight Deck Fuel Panel Operator								-	-	-	-
A19.5.2.13. Open and close engine cowling								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.5.2.15. Open and Close Nose Wheel Door								-	-	-	-
A19.5.2.16. Open and Close Nose Radome								-	-	-	-
A19.5.2.17. Perform aircraft marshaling procedures								-	-	-	-
A19.5.2.18. Perform Aircraft Towing Duties											
A19.5.2.18.1. Wing/tail walker								-	-	-	-
A19.5.2.18.2. Brake Operator								-	-	-	-
A19.5.2.19. Perform Jacking Team Duties											
A19.5.2.19.1. Jacking supervisor								-	-	-	-
A19.5.2.19.2. Jacking team member								-	-	-	-
A19.5.3. COMMUNICATIONS SYSTEMS							`				
A19.5.3.1. AN/AIC-30 Interphone TR: 1C-130(M)H-2-23JG-50-1, 1C-130(M)H -2-23FI-50-1, 1C-130(M)H-2-8, and 1C-130(M)H-2-13											
A19.5.3.1.1. Perform operational check								-	-	-	-
A19.5.3.1.2. Remove and install (R&I)											
A19.5.3.1.2.1. Communication Switching Unit (CSU)								-	-	-	-
A19.5.3.1.2.2. Intercommunication System (ICS) Contro Panel								-	-	-	-
A19.5.3.1.2.3. ICS Monitor Panel								-	-	-	-
A19.5.3.1.2.4. Auxiliary Control Panel								-	-	-	-
A19.5.3.1.2.5. Audio Frequency Amplifier								-	-	-	-
A19.5.3.1.2.6. Control Wheel ICS/RAD Switch								-	-	-	-
A19.5.3.1.2.7. Control Wheel Call Switch								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.1.2.8. Foot Switch								-	-	-	-
A19.5.3.1.2.9. Interphone Junction Box								-	-	-	-
A19.5.3.1.2.10. Communication Cord								-	-	-	-
A19.5.3.1.3. Fault isolation								-	-	-	-
A19.5.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.1.5. Perform Phase Inspection								-	-	-	-
A19.5.3.2. AN/ARC-189 HF Communications TR: 1C-130(M)H-2-23JG-10-1, 1C-130(M)H -2-23FI-10-1, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											
A19.5.3.2.1. Perform operational checks	*							-	-	-	-
A19.5.3.2.2. Perform operational Checks											
A19.5.3.2.2.1. R/T								-	-	-	-
A19.5.3.2.2.2. Mount								-	-	-	-
A19.5.3.2.2.3. Automatic Control Processor								-	-	-	-
A19.5.3.2.2.4. HF Antenna and Lead								-	-	-	-
A19.5.3.2.2.5. Antenna Coupler								-	-	-	-
A19.5.3.2.2.6. Antenna Coupler Mount								-	-	-	-
A19.5.3.2.2.7. Bus Link								-	-	-	-
A19.5.3.2.3. Fault isolation								-	-	-	-
A19.5.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.2.5. Perform Phase Inspection								-	-	-	-
A19.5.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(M)H-2-23JG-10-2, 1C-130(M)H -2--23FI-10-2, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.3.1. Perform operational check	*							-	-	-	-
A19.5.3.3.2. Remove and install (R&I)											
A19.5.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.5.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.5.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.5.3.3.2.4. Split Remove Control Unit (SRCU)								-	-	-	-
A19.5.3.3.3. Fault isolation								-	-	-	-
A19.5.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.3.5. Perform Phase Inspection								-	-	-	-
A19.5.3.4. AN/ARC-222 VHF Communications TR: 1C-130(M)H-2-8											
A19.5.3.4.1. Perform operational check								-	-	-	-
A19.5.3.4.2. Remove and install (R&I)											
A19.5.3.4.2.1. R/T								-	-	-	-
A19.5.3.4.2.2. Antenna								-	-	-	-
A19.5.3.4.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.5.3.4.2.4. UHF/VHF RF Switch								-	-	-	-
A19.5.3.4.3. Fault isolation								-	-	-	-
A19.5.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.4.5. Perform Phase Inspection								-	-	-	-
A19.5.3.5. AN/ARC-164 UHF Communications TR: 1C-130(M)H-2-8											
A19.5.3.5.1. Perform operational check	*							-	-	-	-
A19.5.3.5.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.5.2.1. R/T								-	-	-	-
A19.5.3.5.2.2. Antenna								-	-	-	-
A19.5.3.5.2.3. Back-up Control Panel								-	-	-	-
A19.5.3.5.2.4. UHF/VHF RF Switch								-	-	-	-
A19.5.3.5.3. Fault isolation								-	-	-	-
A19.5.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.5.5. Perform Phase Inspection								-	-	-	-
A19.5.3.6. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130(M)H-2-23JG-20-3, 1C-130(M)H -2-23FI-20-3, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											
A19.5.3.6.1. Perform operational check	*							-	-	-	-
A19.5.3.6.2. Remove and install (R&I)											
A19.5.3.6.2.1. Processor								-	-	-	-
A19.5.3.6.2.2. Adapter Interface								-	-	-	-
A19.5.3.6.2.3. Processor Battery								-	-	-	-
A19.5.3.6.2.4. Remove Control Unit (RCU)								-	-	-	-
A19.5.3.6.3. Fault isolation								-	-	-	-
A19.5.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.6.5. Perform Phase Inspection								-	-	-	-
A19.5.3.7. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130(M)H-2-23JG-20-3, 1C-130(M)H -2-23FI-20-3, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.7.1. Perform operational check	*							-	-	-	-
A19.5.3.7.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.7.2.1. Processor								-	-	-	-
A19.5.3.7.2.3. Processor Battery								-	-	-	-
A19.5.3.7.2.3. Remove Control Unit (RCU)								-	-	-	-
A19.5.3.7.3. Fault isolation								-	-	-	-
A19.5.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.7.5. Perform Phase Inspection								-	-	-	-
A19.5.3.8. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(M)H-2-23JG-30-1, 1C-130(M)H -2-23FI-30-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.8.1. Perform operational check	*							-	-	-	-
A19.5.3.8.2. Remove and install (R&I)											
A19.5.3.8.2.1. R/T								-	-	-	-
A19.5.3.8.2.2. R/T Mount								-	-	-	-
A19.5.3.8.2.3. Antenna								-	-	-	-
A19.5.3.8.2.4. Preamplifier								-	-	-	-
A19.5.3.8.2.5. Radio Set Controller (RSC)								-	-	-	-
A19.5.3.8.2.6. Interface Unit								-	-	-	-
A19.5.3.8.2.7. DAMA Modem								-	-	-	-
A19.5.3.8.2.8. Modem Mount								-	-	-	-
A19.5.3.8.2.9. Modem Control Indicator								-	-	-	-
A19.5.3.8.3. Fault isolation								-	-	-	-
A19.5.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.8.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.9. Digital Data System TR: 1C-130(M)H-2-23JG-20-1, 1C-130(M)H -2-23FI-30-1, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											
A19.5.3.9.1. Perform operational check	*							-	-	-	-
A19.5.3.9.2. Remove and install (R&I)											
A19.5.3.9.2.1. VDC-300 Airborne Data Controller								-	-	-	-
A19.5.3.9.2.2. Digital Switching Unit (DSU)								-	-	-	-
A19.5.3.9.2.3. Digital Data Input/Output Panel								-	-	-	-
A19.5.3.9.2.4. Auxiliary DDIO Panel								-	-	-	-
A19.5.3.9.2.5. Data I/O Device (Laptop)								-	-	-	-
A19.5.3.9.3. Fault isolation								-	-	-	-
A19.5.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.9.5. Perform Phase Inspection								-	-	-	-
A19.5.3.10. AN/A1C-13 Public Address System TR: 1C-130-(M)H-2-23JG-40-1, 1C-130(M)H-2-23FI-40-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.10.1. Perform operational check								-	-	-	-
A19.5.3.10.2. Remove and Install (R&I)											
A19.5.3.10.2.1. Control Panel (NAV/EWO)								-	-	-	-
A19.5.3.10.2.2. Microphone Amplifier								-	-	-	-
A19.5.3.10.2.3. Audio Amplifier								-	-	-	-
A19.5.3.10.2.4. Speaker Amplifier								-	-	-	-
A19.5.3.10.2.5. Loudspeaker								-	-	-	-
A19.5.3.10.2.6. Hand-Held Microphone								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.10.2.7. Auxiliary Control Panel (FWD PA)								-	-	-	-
A19.5.3.10.2.8. Auxiliary Control Panel (Jump PA)								-	-	-	-
A19.5.3.10.2.9. Select Panel (Pilot PA)								-	-	-	-
A19.5.3.10.3. Fault isolation								-	-	-	-
A19.5.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.10.5. Perform Phase Inspection								-	-	-	-
A19.5.3.11. Model A100 Flight Voice Recorder TR: 1C-130(M)H-2-25JG-00-1, 1C-130(M)H-25FI-00-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.11.1. Perform operational check								-	-	-	-
A19.5.3.11.2. Remove and install (R&I)											
A19.5.3.11.2.1. Voice Recorder								-	-	-	-
A19.5.3.11.2.2. Control Unit								-	-	-	-
A19.5.3.11.2.3. Test Switch								-	-	-	-
A19.5.3.11.2.4. Microphone								-	-	-	-
A19.5.3.11.3. Fault isolation								-	-	-	-
A19.5.3.11.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.11.5. Perform Phase Inspection								-	-	-	-
A19.5.3.12. Underwater Acoustical Beacon TR: 1C-130(M)H-2-8											
A19.5.3.12.1. Perform operational check								-	-	-	-
A19.5.3.12.2. Remove and install (R&I)											
A19.5.3.12.2.1. Underwater Locator Beacon								-	-	-	-
A19.5.3.12.2.2. Battery								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.3.12.3. Fault isolation								-	-	-	-
A19.5.3.12.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.12.5. Perform Phase Inspection								-	-	-	-
A19.5.4. NAVIGATION SYSTEMS											
A19.5.4.1. AN/APX-100 Identification Friend or Foe (IFF) TR: 1C-130(M)H-2-34JG-50-8, 1C-130(M)H-2-34FI-50-8, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.1.1. Perform operational check	*							-	-	-	-
A19.5.4.1.2. Remove and install (R&I)											
A19.5.4.1.2.1. WOW Override Panel								-	-	-	-
A19.5.4.1.2.2. R/T								-	-	-	-
A19.5.4.1.2.3. R/T Mount								-	-	-	-
A19.5.4.1.2.4. Antennas								-	-	-	-
A19.5.4.1.2.5. Mode 4 Computer								-	-	-	-
A19.5.4.1.2.6. Mode 4 Computer Battery								-	-	-	-
A19.5.4.1.3. Fault isolation								-	-	-	-
A19.5.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.1.5. Perform Phase Inspection								-	-	-	-
A19.5.4.2. AN/ARN-127 VOR /ILS /MB TR: 1C-130(M)H-2-34JG-50-2, 1C-130(M)H-2-34FI-50-2, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.2.1. Perform operational check								-	-	-	-
A19.5.4.2.2. Remove and install (R&I)											
A19.5.4.2.2.1. Receiver								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.4.2.2.2. Backup Control Box								-	-	-	-
A91.5.4.2.2.3. VOR Antenna								-	-	-	-
A19.5.4.2.2.4. GS Antenna								-	-	-	-
A19.5.4.2.2.5. MB Antenna								-	-	-	-
A19.5.4.2.2.6. MB Panel								-	-	-	-
A19.5.4.2.3. Fault isolation								-	-	-	-
A19.5.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.2.5. Perform Phase Inspection								-	-	-	-
A19.5.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(M)H-2-34JG-50-1, 1C-130(M)H-2-34FI-50-1, 1C-130(M)H-2-8, and 1C-130(M)H-2-13											
A19.5.4.3.1. Perform operational check								-	-	-	-
A19.5.4.3.2. Remove and Install (R&I)											
A19.5.4.3.2.1. R/T								-	-	-	-
A19.5.4.3.2.2. Mount								-	-	-	-
A19.5.4.3.2.3. Antenna								-	-	-	-
A19.5.4.3.3. Fault isolation								-	-	-	-
A19.5.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.3.5. Perform Phase Inspection								-	-	-	-
A19.5.4.4. Inertial Navigation System (INS) TR: 1C-130(M)H-2-34JG-40-1, 1C-130(M)H -2-34FI-40-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.4.1. Perform operational check								-	-	-	-
A19.5.4.4.2. Remove and install (R&I)											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.4.4.2.1. INU								-	-	-	-
A19.5.4.4.2.2. INU Mount								-	-	-	-
A19.5.4.4.2.3. INU Battery								-	-	-	-
A19.5.4.4.2.4. INU Fan								-	-	-	-
A19.5.4.4.3. Fault isolation								-	-	-	-
A19.5.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.4.5. Perform Phase Inspection								-	-	-	-
A19.5.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(M)H-2-8											
A19.5.4.5.1. Perform operational checks	*							-	-	-	-
A19.5.4.5.2. Remove and install (R&I)											
A19.5.4.5.2.1. Receiver								-	-	-	-
A19.5.4.5.2.2. Receiver Mount								-	-	-	-
A19.5.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.5.4.5.2.4. Antenna								-	-	-	-
A19.5.4.5.2.5. Antenna Controller								-	-	-	-
A19.5.4.5.2.6. Remove Fill Port Panel								-	-	-	-
A19.5.4.5.3. Fault isolation								-	-	-	-
A19.5.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.5.5. Perform Phase Inspection								-	-	-	-
A19.5.4.6. DF-206A Low Frequency Automatic Direction Finder System TR: 1C-130(M)H-2-34JG-50-4, 1C-130(M)H -2-34FI-50-4,1C-130(M)H-5-8 and 1C-130(M)H-2-13											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.4.6.1. Perform operational check								-	-	-	-
A19.5.4.6.2. Remove and install (R&I)											
A19.5.4.6.2.1. Receiver								-	-	-	-
A19.5.4.6.2.2. Mount								-	-	-	-
A19.5.4.6.2.3. Loop Antenna								-	-	-	-
A19.5.4.6.2.4. Sense Antenna								-	-	-	-
A19.5.4.6.3. Fault isolation								-	-	-	-
A19.5.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.6.5. Perform Phase Inspection								-	-	-	-
A19.5.4.7. OA-6897 UHF/VHF Automatic Direction Finder TR: 1C-130(M)H-2-34JG-40-4, 1C-130(M)H -2-34FI-40-4, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.7.1. Perform operational check								-	-	-	-
A19.5.4.7.2. Remove and install (R&I)											
A19.5.4.7.2.1. Antenna/Receiver								-	-	-	-
A19.5.4.7.2.2. UHF-VHF RF Switch								-	-	-	-
A19.5.4.7.3. Fault isolation								-	-	-	-
A19.5.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.7.5. Perform Phase Inspection								-	-	-	-
A19.5.5. RADAR SYSTEMS											
A19.5.5.1. AN/APQ-170 Radar System TR: 1C-130(M)H-2-34JG-40-4-1, 40-4-2, 1C-130(M)H-2-34FI-40-4-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.5.1.1. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.5.1.2. Remove and install (R&I)											
A19.5.5.1.2.1. X-Band Signal Data Converter (SDC)								-	-	-	-
A19.5.5.1.2.2. X-Band SDC Mount								-	-	-	-
A19.5.5.1.2.3. Ku-Band Signal Data Converter (SDC)								-	-	-	-
A19.5.5.1.2.4. Ku-Band SDC Mount								-	-	-	-
A19.5.5.1.2.5. WOW Override Switch Panel								-	-	-	-
A19.5.5.1.2.6. Signal Processor Computer (SPC)								-	-	-	-
A19.5.5.1.2.7. SPC Mount								-	-	-	-
A19.5.5.1.2.8. RADAR?IDS Maintenance Switch Panel								-	-	-	-
A19.5.5.1.2.9. X-Band Antenna								-	-	-	-
A19.5.5.1.2.10. X-Band R/T								-	-	-	-
A19.5.5.1.2.11. Power Supply								-	-	-	-
A19.5.5.1.2.12. Power Supply Mount								-	-	-	-
A19.5.5.1.2.13. Ku-Band R/T								-	-	-	-
A19.5.5.1.2.14. Ku-Band Antenna								-	-	-	-
A19.5.5.1.2.15. Radar Waveguides								-	-	-	-
A19.5.5.1.2.16. X-Band Dummy Load								-	-	-	-
A19.5.5.1.2.17. Ku-Band Dummy Load								-	-	-	-
A19.5.5.1.2.18. X-Band R/T Desiccators								-	-	-	-
A19.5.5.1.2.19. Ku-Band R/T Desiccators								-	-	-	-
A19.5.5.1.3. Perform Boresight								-	-	-	-
A19.5.5.1.4. Use Radar Maintenance Crane											
A19.5.5.1.4.1. Set Up Radar Maintenance Crane								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.5.1.4.2. Breakdown Radar Maintenance Crane								-	-	-	-
A19.5.5.1.4.3. Inspect Radar Maintenance Crane								-	-	-	-
A19.5.5.1.5. Fault isolation								-	-	-	-
A19.5.5.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.1.7. Perform Phase Inspection								-	-	-	-
A19.5.5.2. Waveguide Pressurization TR: 1C-130(M)H-2-34JG-40-4-1, 40-4-2, 1C-130(M)H-2-34FI-40-4-1, 1C-130(M)H-2-8 and (1C-130(M)H-2-13											
A19.5.5.2.1. Perform operational check								-	-	-	-
A19.5.5.2.2. Remove and install (R&I)											
A19.5.5.2.2.1. Pressure Control Panel								-	-	-	-
A19.5.5.2.2.2. Air Compressor								-	-	-	-
A19.5.5.2.2.3. Pressure Switch No. 1								-	-	-	-
A19.5.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.5.5.2.2.5. Main Control Panel								-	-	-	-
A19.5.5.2.2.6. Pressure Switch No. 2								-	-	-	-
A19.5.5.2.2.7. Pressure Switch No. 3								-	-	-	-
A19.5.5.2.2.8. Pressure Tank								-	-	-	-
A19.5.5.2.2.9. Solenoid Bleed Valves								-	-	-	-
A19.5.5.2.2.10. Shutoff Valves								-	-	-	-
A19.5.5.2.3. Fault isolation								-	-	-	-
A19.5.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.2.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA)											
A19.5.5.3.1. Perform operational check	*							-	-	-	-
A19.5.5.3.2. Remove and install (R&I)											
A19.5.5.3.2.1. R/T								-	-	-	-
A19.5.5.3.2.2. Indicator								-	-	-	-
A19.5.5.3.2.3. Antennas								-	-	-	-
A19.5.5.3.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.5.5.3.3. Adjust Altitude								-	-	-	-
A19.5.5.3.4. Fault isolation								-	-	-	-
A19.5.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.3.6. Perform Phase Inspection								-	-	-	-
A19.5.5.4. Radar Transponder System TR: 1C-130(M)H-2-34JG-50-5, 1C-130(M)H 2-34FI-50-5, 1C-130(M)H-2-8, and 1C-130(M) H-1-13											
A19.5.5.4.1. Perform operational check								-	-	-	-
A19.5.5.4.2. Remove and install (R&I)											
A19.5.5.4.2.1. R/T								-	-	-	-
A19.5.5.4.2.2. Antenna								-	-	-	-
A19.5.5.4.3. Fault isolation								-	-	-	-
A19.5.5.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.4.5. Perform Phase Inspection								-	-	-	-
A19.5.5.4.6. Troubleshoot System								-	-	-	-
A19.5.5.5. CN-1650A Interference Blanking Unit TR: 1C-130(M)H-2-8											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.5.5.1. Perform operational checks								-	-	-	-
A19.5.5.5.2. Remove and install (R&I) IBU								-	-	-	-
A19.5.5.5.3. Fault isolation								-	-	-	-
A19.5.5.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.5.5. Perform Phase Inspection								-	-	-	-
A19.5.6. MISSION SYSTEMS											
A19.5.6.1. AAQ-15 Infrared System TR: TO 1C-130(M)H-2-8											
A19.5.6.1.1. Perform operational check	*							-	-	-	-
A19.5.6.1.2. Remove and install (R&I)											
A19.5.6.1.2.1. Control Converter								-	-	-	-
A19.5.6.1.2.2. Receiver								-	-	-	-
A19.5.6.1.2.3. Close out Panel								-	-	-	-
A19.5.6.1.2.4. Monitors								-	-	-	-
A19.5.6.1.2.5. Video Splitter								-	-	-	-
A19.5.6.1.2.6. Radar IDS Maintenance Switch								-	-	-	-
A19.5.6.1.3. Perform Boresight								-	-	-	-
A19.5.6.1.4. Perform Set Defaults								-	-	-	-
A19.5.6.1.5. Fault isolation								-	-	-	-
A19.5.6.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.6.1.7. Perform Phase Inspection								-	-	-	-
A19.5.6.2. Airborne Video Cassette Recorder System (AVCRS) TR: 1C-130(M)H-2-93JG-00-1 and 1C-130(M)H-2-14											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.5.6.2.1. Perform operational check								-	-	-	-
A19.5.6.2.2. Remove and install (R&I)											
A19.5.6.2.2.1. Video Cassette Recorder.								-	-	-	-
A19.5.6.2.2.2. Video Distribution Unit								-	-	-	-
A19.5.6.2.2.3. Control Panel								-	-	-	-
A19.5.6.2.2.4. Source Select Panel								-	-	-	-
A19.5.6.2.2.5. Scan Converter								-	-	-	-
A19.5.6.2.3. Clean VCR								-	-	-	-
A19.5.6.2.4. Fault isolation								-	-	-	-
A19.5.6.2.5. Aircraft Avionics Systems Integration								-	-	-	-
A19.5.6.2.6. Perform Phase Inspection								-	-	-	-
A19.5.7. MISCELLANEOUS											
A19.5.7.1. Indicators and Displays TR: Applicable Job Guides											
A19.5.7.1. Remove and install (R&I)											
A19.5.7.1.1. Horizontal Situation Indicator								-	-	-	-
A19.5.7.1.2. Attitude Direction Indicator								-	-	-	-
A19.5.7.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.5.7.1.4. Radio Magnetic Indicator								-	-	-	-
A19.5.7.1.5. Video Display Terminal (VDT)								-	-	-	-
A19.5.7.1.6. Altimeter-Encoder								-	-	-	-
A19.6. MC-130P ON-EQUIPMENT MAINTENANCE											
A19.6.1. GENERAL ORGANIZATIONAL MAINTENANCE											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.1.1. Aircraft Familiarization								-	-	-	-
A19.6.1.2. Major Structure Areas								-	-	-	-
A19.6.1.3. Major Systems								-	-	-	-
A19.6.2. GENERAL MAINTENANCE TASKS											
A19.6.2.1. Technical order familiarization								-	-	-	-
A19.6.2.2. Flightline safety/precautions/security	*							-	-	-	-
A19.6.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.6.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.6.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.6.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.6.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.6.2.8. Statically ground aircraft								-	-	-	-
A19.6.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.6.2.10. Perform aircraft wash								-	-	-	-
A19.6.2.11. Perform refuel/defuel team member duties											
A19.6.2.11.1. Refuel/Defuel Supervisor								-	-	-	-
A19.6.2.11.2. SPR Panel Operator								-	-	-	-
A19.6.2.11.3. Flight deck fuel panel operator								-	-	-	-
A19.6.2.12. Open and close engine cowling								-	-	-	-
A19.6.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.6.2.14. Open and Close Nose Radome	*							-	-	-	-
A19.6.2.15. Open and Close Nose Wheel Door								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.2.16. Perform aircraft marshaling procedures								-	-	-	-
A19.6.2.17. Perform aircraft towing team member duties											
A19.6.2.17.1. Wing/tail walker duties								-	-	-	-
A19.6.2.17.2. Brake Operator								-	-	-	-
A19.6.2.18. Brake Operator								-	-	-	-
A19.6.2.19. Perform aircraft jacking team member duties											
A19.6.2.19.1. Jacking supervisor								-	-	-	-
A19.6.2.19.2. Jacking team member								-	-	-	-
A19.6.2.20. Operate aircraft GTC								-	-	-	-
A19.6.3. COMMUNICATIONS SYSTEMS											
A19.6.3.1. AN/AIC-18/AIC-25 Interphone TR: 1C-130H-2-23JG-40-1, 1C-130H-2-23FI-40-1-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.1.1. Perform operational check								-	-	-	-
A19.6.3.1.2. Remove and install (R&I)											
A19.6.3.1.2.1. INTER/INPH Control Panel								-	-	-	-
A19.6.3.1.2.2. Monitor Panel								-	-	-	-
A19.6.3.1.2.3. Auxiliary ICS Control Panel								-	-	-	-
A19.6.3.1.2.4. Master Volume control Panel								-	-	-	-
A19.6.3.1.2.5. Missile Warning Audio Monitor Panel								-	-	-	-
A19.6.3.1.2.6. AUX Radio Select Panel								-	-	-	-
A19.6.3.1.2.7. INTER/MIC Control Switch								-	-	-	-
A19.6.3.1.2.8. Foot Switch								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.1.2.9. Communication Cord								-	-	-	-
A19.6.3.1.3. Fault isolation								-	-	-	-
A19.6.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.1.5. Perform Phase Inspection								-	-	-	-
A19.6.3.2. AN/ARC-190 HF Communications TR: 1C-130H-2-34JG-10-1, 1C-130H-2-23FI -10-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.2.1. Perform operational check	*							-	-	-	-
A19.6.3.2.2. Remove and install (R&I)											
A19.6.3.2.2.1. R/T								-	-	-	-
A19.6.3.2.2.2. Mount								-	-	-	-
A19.6.3.2.2.3. Automatic Control Processor								-	-	-	-
A19.6.3.2.2.4. Antenna Coupler								-	-	-	-
A19.6.3.2.2.5. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.6.3.2.2.6. External Wire Antenna								-	-	-	-
A19.6.3.2.3. Fault isolation								-	-	-	-
A19.6.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.2.5. Perform Phase Inspection								-	-	-	-
A19.6.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130H-2-23JG-10-2, 1C-130H-2-23FI -2-10, 1C-130(H)H-2-11 and 1C-130(H)H -2-13											
A19.6.3.3.1. Perform operational check	*							-	-	-	-
A19.6.3.3.2. Remove and install (R&I)											
A19.6.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.3.2.2. COMSEC Module (KYV_5)								-	-	-	-
A19.6.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.6.3.3.2.4. Split Remove Control Unit (SRCU)								-	-	-	-
A19.6.3.3.3. Fault isolation								-	-	-	-
A19.6.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.3.5. Perform Phase Inspection								-	-	-	-
A19.6.3.4. AN/ARC-513 VHF-FM Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2-23FI -20-1, 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.3.4.1. Perform operational check								-	-	-	-
A19.6.3.4.2. Remove and install (R&I)											
A19.6.3.4.2.1. R/T								-	-	-	-
A19.6.3.4.2.2. Antenna								-	-	-	-
A19.6.3.4.2.3. Control Panel								-	-	-	-
A19.6.3.4.3. Fault isolation								-	-	-	-
A19.6.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.4.5. Perform Phase Inspection								-	-	-	-
A19.6.3.5. AN/ARC-186 VHF Communications TR: 1C-130-2.23JG-20-1, 1C-130H-2-23FI -20-1, 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.3.5.1. Perform operational Check								-	-	-	-
A19.6.3.5.2. Remove and install (R&I)											
A19.6.3.5.2.1. R/T								-	-	-	-
A19.6.3.5.2.2. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.5.2.3. Signal Data Comparator (SDC)								-	-	-	-
A19.6.3.5.2.4. Homing Indicator								-	-	-	-
A19.6.3.5.3. Fault isolation								-	-	-	-
A19.6.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.5.5. Perform Phase Inspection								-	-	-	-
A19.6.3.6. AN/ARC-222 VHF Communications TR: 1C-130H-2-23JG-20-1, 1CL-130H-2 -23FI-20-1, 1C-130(H)H-2-11 and 1C-130(H)-2-13											
A19.6.3.6.1. Perform operational check								-	-	-	-
A19.6.3.6.2. Remove and install (R&I)											
A19.6.3.6.2.1. R/T								-	-	-	-
A19.6.3.6.2.2. Antenna								-	-	-	-
A19.6.3.6.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.6.3.6.2.4. Radio Control Set (RSC)								-	-	-	-
A19.6.3.6.2.5. Signal Data Comparator (SDC)								-	-	-	-
A19.6.3.6.3. Fault isolation								-	-	-	-
A19.6.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.6.5. Perform Phase Inspection								-	-	-	-
A19.6.3.7. AN/ARC-164 UHF Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2-23FI -20-1, 1C-130(H)-2-11 and 1C-130(H)H-2-13											
A19.6.3.7.1. Perform operational check	*							-	-	-	-
A19.6.3.7.2. Remove and install (R&I)											
A19.6.3.7.2.1. R/T								-	-	-	-
A19.6.3.7.2.2. Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.7.2.3. Control Panel								-	-	-	-
A19.6.3.7.2.4. Antenna Coax Switch								-	-	-	-
A19.6.3.7.2.5. Antenna Selector Panel								-	-	-	-
A19.6.3.7.3. Fault isolation								-	-	-	-
A19.6.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.7.5. Perform Phase Inspections								-	-	-	-
A19.6.3.8. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2-23FI -20-2, 1CL-130(H)H-2-11 and 1C-130(H)H -2-13											
A19.6.3.8.1. Perform operational check	*							-	-	-	-
A19.6.3.8.2. Remove and install (R&I)											
A19.6.3.8.2.1. Processor								-	-	-	-
A19.6.3.8.2.2. Adapter Interface								-	-	-	-
A19.6.3.8.2.3. Processor Battery								-	-	-	-
A19.6.3.8.2.4. Remove Control Unit (RCU)								-	-	-	-
A19.6.3.8.3. Fault isolation								-	-	-	-
A19.6.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.8.5. Perform Phase Inspection								-	-	-	-
A19.6.3.9. TSEC/KY-10 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2-23FI -20-2, 1CL-130(H)H-2-11 and 1C-130(H)H -2-13											
A19.6.3.9.1. Perform operational check	*							-	-	-	-
A19.6.3.9.2. Remove and install (R&I)											
A19.6.3.9.2.1. Processor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.9.2.2. Processor Battery								-	-	-	-
A19.6.3.9.2.3. Remove Control Unit (RCU)								-	-	-	-
A19.6.3.9.3. Fault isolation								-	-	-	-
A19.6.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.9.5. Perform Phase Inspection								-	-	-	-
A19.6.3.10. URC-133 Satellite Communications Terminal (DAMA) TR: 1C-130(H)-2-11 and 1C-130(H)H-2-13											
A19.6.3.10.1. Perform operational check	*							-	-	-	-
A19.6.3.10.2. Remove and install (R&I)											
A19.6.3.10.2.1. URC-133 Unit								-	-	-	-
A19.6.3.10.2.2. R/T								-	-	-	-
A19.6.3.10.2.3. R/T Mount								-	-	-	-
A19.6.3.10.2.4. Antenna								-	-	-	-
A19.6.3.10.2.5. Preamplifier								-	-	-	-
A19.6.3.10.2.6. Radio Set Controller (RSC)								-	-	-	-
A19.6.3.10.2.7. Interface Unit								-	-	-	-
A19.6.3.10.2.8. DAMA MODEM								-	-	-	-
A19.6.3.10.2.9. Modem Mount								-	-	-	-
A19.6.3.10.2.10. Modem Control Indicator								-	-	-	-
A19.6.3.10.2.11. VDC-300 Data Controller								-	-	-	-
A19.6.3.10.3. Operate											
A19.6.3.10.3.1. Auxiliary Panel								-	-	-	-
A19.6.3.10.3.2. Data I/O Device (Laptop)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.10.4. Fault isolation								-	-	-	-
A19.6.3.10.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.10.6. Perform Phase Inspection								-	-	-	-
A19.6.3.11. AN/AIC-13 Public Address System TR: 1C-130H-2-23JG-30-1, 1C-130H-2-23FI-30-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.11.1. Perform operational check								-	-	-	-
A19.6.3.11.2. Remove and install (R&I)											
A19.6.3.11.2.1. Main Control Panel								-	-	-	-
A19.6.3.11.2.2. System Amplifier.								-	-	-	-
A19.6.3.11.2.3. System Loudspeaker								-	-	-	-
A19.6.3.11.2.4. Hand-Held Microphone								-	-	-	-
A19.6.3.11.3. Fault isolation								-	-	-	-
A19.6.3.11.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.11.5. Perform Phase Inspection								-	-	-	-
A19.6.3.12. Emergency Locator Transmitter (ELT) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1, 1C-130(H)H-2-11, and 1C-130(H)H-2-13											
A19.6.3.12.1. Perform operational checks								-	-	-	-
A19.6.3.12.2. Remove and install (R&I)											
A19.6.3.12.2.1. Transmitter								-	-	-	-
A19.6.3.12.2.2. Control Panel								-	-	-	-
A19.6.3.12.2.3. Antenna								-	-	-	-
A19.6.3.12.2.4. Battery Pack								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.12.3. Fault isolation								-	-	-	-
A19.6.3.12.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.12.5. Perform Phase Inspection								-	-	-	-
A19.6.3.13. Underwater Acoustical Beacon (UAB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI -00-1, 1C-130(H)H-2-11 and 1C-130(H)H -2-13											
A19.6.3.13.1. Perform operational check								-	-	-	-
A19.6.3.13.2. Remove and install (R&I)											
A19.6.3.13.2.1. Underwater Locator Beacon								-	-	-	-
A19.6.3.13.2.2. Battery								-	-	-	-
A19.6.3.13.3. .Fault isolation								-	-	-	-
A91.6.3.13.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.13.5. Perform Phase Inspection								-	-	-	-
A19.6.3.14. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1CL-130H -2-31FI-00-1, 1CL-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.14.1. Perform operational check								-	-	-	-
A19.6.3.14.2. Remove and install (R&I)											
A19.6.3.14.2.1. Voice Recorder								-	-	-	-
A19.6.3.14.2.2. Control Unit								-	-	-	-
A19.6.3.14.2.3. Test Switch								-	-	-	-
A19.6.3.14.2.4. Microphone								-	-	-	-
A19.6.3.14.3. Fault isolation								-	-	-	-
A19.6.3.14.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.3.14.5. Perform Phase Inspection								-	-	-	-
A19.6.3.14.6. Perform operational Check								-	-	-	-
A19.6.4. NAVIGATION SYSTEMS											
A19.6.4.1. Self-Contained Navigation System (SCNS) TR: 1C-130H-2-34JG-40-1, 1C-130H-2-34FI -40-1, 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.4.1.1. Perform operational check	*							-	-	-	-
A19.6.4.1.2. Remove and install (R&I)											
A19.6.4.1.2.1. BICU								-	-	-	-
A19.6.4.1.2.2. IDCU								-	-	-	-
A19.6.4.1.2.3. SCNS Control Panel								-	-	-	-
A19.6.4.1.2.4. Interface Receptacle Unit								-	-	-	-
A19.6.4.1.2.5. DVS								-	-	-	-
A19.6.4.1.2.6. Dehydrator								-	-	-	-
A19.6.4.1.2.7. INU								-	-	-	-
A19.6.4.1.2.8. INU Mount								-	-	-	-
A19.6.4.1.2.9. INS Battery Unit								-	-	-	-
A19.6.4.1.2.10. INU Fan/Filter Unit								-	-	-	-
A19.6.4.1.2.11. SCNS Relay								-	-	-	-
A19.6.4.1.2.12. Data Bus Coupler								-	-	-	-
A19.6.4.1.3. Fault isolation								-	-	-	-
A19.6.4.1.4. Aircraft Avionic Systems integration								-	-	-	-
A19.6.4.1.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.4.2. AN/APX-64 Identification Friend or Foe (IFF) TR: 1C-130H-2-34JG-40-3, 1C-130H-2-34FI-40-4, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.2.1. Perform operational check	*							-	-	-	-
A19.6.4.2.2. Remove and install (R&I)											
A19.6.4.2.2.1. Control Panel								-	-	-	-
A19.6.4.2.2.2. R/T								-	-	-	-
A19.6.4.2.2.3. Antennas								-	-	-	-
A19.6.4.2.2.4. Mode 4 Computer								-	-	-	-
A19.6.4.2.2.5. Mode 4 Computer Battery								-	-	-	-
A19.6.4.2.2.6. Ant Switch and Caution Light Panel								-	-	-	-
A19.6.4.2.2.7. Antenna Switching Unit								-	-	-	-
A19.6.4.2.2.8. Transponder Test Set								-	-	-	-
A19.6.4.2.3. Fault isolation								-	-	-	-
A19.6.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.2.5. Perform Phase Inspection								-	-	-	-
A19.6.4.3. AN/ARN-147 VOR/ILS/MB TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI-50-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.3.1. Perform operational check								-	-	-	-
A19.6.4.3.2. Remove and install (R&I)											
A19.6.4.3.2.1. Receiver								-	-	-	-
A19.6.4.3.2.2. VOR Antenna								-	-	-	-
A19.6.4.3.2.3. GS Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.4.3.2.4. MB Antenna								-	-	-	-
A19.6.4.3.2.5. MB Panel								-	-	-	-
A19.6.4.3.3. Fault isolation								-	-	-	-
A19.6.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.3.5. Perform Phase Inspection								-	-	-	-
A19.6.4.4. AN/A.RN-152 Microwave Landing System TR: 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.4.1. Perform operational check								-	-	-	-
A19.6.4.4.2. Remove and install (R&I)											
A19.6.4.4.2.1. Receiver								-	-	-	-
A19.6.4.4.2.2. Antenna								-	-	-	-
A19.6.4.4.2.3. Splitters								-	-	-	-
A19.6.4.4.2.4. Data Bus Coupler								-	-	-	-
A19.6.4.4.3. Fault isolation								-	-	-	-
A19.6.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.4.5. Perform Phase Inspection								-	-	-	-
A19.6.4.4.6. Perform operational Checks								-	-	-	-
A19.6.4.5. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130H-2-34JG-50-1, 1C-130-2-34FI -50-1, 1CL-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.4.5.1. Perform operational check								-	-	-	-
A19.6.4.5.2. Remove and install (R&I)											
A19.6.4.5.2.1. R/T								-	-	-	-
A19.6.4.5.2.2. Mount								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.4.5.2.3. D/A Converter (MX Adapter)								-	-	-	-
A19.6.4.5.2.4. Coupler								-	-	-	-
A19.6.4.5.2.5. Antennas								-	-	-	-
A19.6.4.5.3. Fault isolation								-	-	-	-
A19.6.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.5.5. Perform Phase Inspection								-	-	-	-
A19.6.4.6. AN/ARN-151 Global Positioning System (GPS) TR: Applicable Aircraft technical orders											
A19.6.4.6.1. Perform operational check	*							-	-	-	-
A19.6.4.6.2. Remove and install (R&I)											
A19.6.4.6.2.1. Receiver								-	-	-	-
A19.6.4.6.2.2. Receiver Mount								-	-	-	-
A19.6.4.6.2.3. Antenna								-	-	-	-
A19.6.4.6.2.4. Antenna Controller								-	-	-	-
A19.6.4.6.2.5. Fill Panel								-	-	-	-
A19.6.4.6.2.6. Battery								-	-	-	-
A19.6.4.6.2.7. Control Crypto Interface Unit								-	-	-	-
A19.6.4.6.3. Fault isolation								-	-	-	-
A19.6.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.6.5. Perform Phase Inspection								-	-	-	-
A19.6.4.7. DFA-730 Automatic Direction Finder TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI -50-1. 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.4.7.1. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.4.7.2. Remove and install (R&I)											
A19.6.4.7.2.1. Receiver								-	-	-	-
A19.6.4.7.2.2. Control Panel								-	-	-	-
A19.6.4.7.2.3. Loop Antenna								-	-	-	-
A19.6.4.7.2.4. Sense Antenna								-	-	-	-
A19.6.4.7.3. Fault isolation								-	-	-	-
A19.6.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.7.5. Perform Phase Inspection								-	-	-	-
A19.6.4.8. AN/ARA-25/50 UHF/VHF Direction Finder TR: 1C-130H-2-34JG-50-3, 1C-130H-2-34FI -50-4, 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.4.8.1. Perform operational checks								-	-	-	-
A19.6.4.8.2. Remove and install (R&I)											
A19.6.4.8.2.1. Power Supply								-	-	-	-
A19.6.4.8.2.2. Amplifier (Preamp)								-	-	-	-
A19.6.4.8.2.3. Antenna								-	-	-	-
A19.6.4.8.3. Fault isolation								-	-	-	-
A19.6.4.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.8.5. Perform Phase Inspection								-	-	-	-
A19.6.5. RADAR SYSTEMS											
A19.6.5.1. AN/APN-59 Radar TR: 1C-130H-2-34JG-40-2-1, 1C-130H-2 -34FI-40-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.5.1.1. Perform operational check								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.5.1.2. Remove and install (R&I)											
A19.6.5.1.2.1. Radar Set Control								-	-	-	-
A19.6.5.1.2.2. Video Control Panel								-	-	-	-
A19.6.5.1.2.3. Video Select Panel								-	-	-	-
A19.6.5.1.2.4. ECA								-	-	-	-
A19.6.5.1.2.5. Digital Scan Converter (DSC)								-	-	-	-
A19.6.5.1.2.6. Pilot Display								-	-	-	-
A19.6.5.1.2.7. Nav Monitor								-	-	-	-
A19.6.5.1.2.8. Glare Shield Monitor								-	-	-	-
A19.6.5.1.2.9. Stab Unit (Gyro)								-	-	-	-
A19.6.5.1.2.10. R/T								-	-	-	-
A19.6.5.1.2.11. Antenna								-	-	-	-
A19.6.5.1.2.12. Fan								-	-	-	-
A19.6.5.1.3. Adjustments:											
A19.6.5.1.3.1. Antenna								-	-	-	-
A19.6.5.1.3.2. ECA								-	-	-	-
A19.6.5.1.3.3. Antenna Optical Heading Marker Sensor								-	-	-	-
A19.6.5.1.3.4. Antenna Beam Switching								-	-	-	-
A19.6.5.1.4. Fault isolation								-	-	-	-
A19.6.5.1.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.5.1.6. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.5.2. AN/ASQ-14 Waveguide Pressurization TR: 1C-130H-2-34JG-40-2-1, 1C-130H-2 -34FI-40-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.5.2.1. Perform operational check								-	-	-	-
A19.6.5.2.2. Remove and install (R&I)											
A19.6.5.2.2.1. Air Compressor								-	-	-	-
A19.6.5.2.2.2. Pressure Switch								-	-	-	-
A19.6.5.2.2.3. Control Panel								-	-	-	-
A19.6.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.6.5.2.3. Fault isolation								-	-	-	-
A19.6.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.5.2.5. Perform Phase Inspection								-	-	-	-
A19.6.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA) TR: 1C-130H-2-34JG-40-5, 1C-130H-2-34FI -40-6, 1C-130(H)H-2-11 and 1C-130(H) H-2-13											
A19.6.5.3.1. Perform operational check	*							-	-	-	-
A19.6.5.3.2. Remove and install (R&I)											
A19.6.5.3.2.1. R/T								-	-	-	-
A19.6.5.3.2.2. Indicator								-	-	-	-
A19.6.5.3.2.3. Antenna								-	-	-	-
A19.6.5.3.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.6.5.3.3. Adjust Altitude								-	-	-	-
A19.6.5.3.4. Fault isolation								-	-	-	-
A19.6.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.5.3.6. Perform Phase Inspection								-	-	-	-
A19.6.6. MISSION SYSTEMS											
A19.6.6.1. AAQ-17 Infrared System TR: 1C-130(M)P-2-93JG-00-1, 1C-130(M)P -2-93FI-00-1, 1C-130(H)H-2-11 and 1C-130(H) -2-13											
A19.6.6.1.1. Perform operational check	*							-	-	-	-
A19.6.6.1.2. Remove and install (R&I)											
A19.6.6.1.2.1. Infrared Receiver								-	-	-	-
A19.6.6.1.2.2. Control Converter								-	-	-	-
A19.6.6.1.2.3. IR Set Control								-	-	-	-
A19.6.6.1.2.4. Gimbal Position Control Unit								-	-	-	-
A19.6.6.1.2.5. Monitors								-	-	-	-
A19.6.6.1.2.6. Close Out Panel								-	-	-	-
A19.6.6.1.3. Load Boresight Values								-	-	-	-
A19.6.6.1.4. Perform Set Defaults								-	-	-	-
A19.6.6.1.5. Fault isolation								-	-	-	-
A19.6.6.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.6.1.7. Perform Phase Inspection								-	-	-	-
A19.6.7. MISCELLANEOUS											
A19.6.7.1. Remove and install (R&I) TR: Applicable Job Guides											
A19.6.7.1.1. Horizontal Situation Indicator								-	-	-	-
A19.6.7.1.2. Attitude Direction Indicator								-	-	-	-
A19.6.7.1.3. Bearing Direction Heading Indicator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.6.7.1.4. Radio Magnetic Indicator								-	-	-	-
A19.6.7.1.5. Altimeter-Encoder								-	-	-	-
A19.7. MH-53J/M ON-EQUIPMENT MAINTENANCE											
A19.7.1. GENERAL ORGANIZATIONAL MAINTENANCE											
A19.7.1.1. Aircraft Familiarization								-	-	-	-
A19.7.1.2. Major Structure Areas								-	-	-	-
A19.7.1.3. Major Systems								-	-	-	-
A19.7.2. GENERAL MAINTENANCE TASKS											
A19.7.2.1. Technical order familiarization								-	-	-	-
A19.7.2.2. Flightline safety/precautions/security	*							-	-	-	-
A19.7.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.7.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.7.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.7.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.7.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.7.2.8. Statically ground aircraft								-	-	-	-
A19.7.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.7.2.10. Perform aircraft wash								-	-	-	-
A19.7.2.11. Perform refuel/defuel team member duties											
A19.7.2.11.1. Refuel/Defuel Supervisor								-	-	-	-
A19.7.2.11.2. SPR Panel Operator								-	-	-	-
A19.7.2.11.3. Flight deck Fuel Panel Operator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.2.12. Open and close engine cowling								-	-	-	-
A19.7.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.7.2.14. Open and Close Nose Radome								-	-	-	-
A19.7.2.15. Perform aircraft marshaling procedures								-	-	-	-
A19.7.2.16. Perform aircraft towing team member duties											
A19.7.2.16.1. Wing/tail walker								-	-	-	-
A19.7.2.16.2. Brake Operator								-	-	-	-
A19.7.2.17. Perform aircraft jacking team member duties											
A19.7.2.17.1. Jacking supervisor								-	-	-	-
A19.7.2.17.2. Jacking team member								-	-	-	-
A19.7.2.18. Operate aircraft APP								-	-	-	-
A19.7.2.19. Blade Fold Member								-	-	-	-
A19.7.3. COMMUNICATIONS SYSTEMS											
A19.7.3.1. AN/AIC-33 Interphone TR: 1H-53(M)J-2-7)											
A19.7.3.1.1. Perform operational check								-	-	-	-
A19.7.3.1.2. Remove and install (R&I)											
A19.7.3.1.2.1. Crew Station Unit (CSU)								-	-	-	-
A19.7.3.1.2.2. Maintenance Station Unit (MSU)								-	-	-	-
A19.7.3.1.2.3. Central Control Unit (CCU)								-	-	-	-
A19.7.3.1.2.4. CCU Mount								-	-	-	-
A19.7.3.1.2.5. Auxiliary Audio Panel (AAP)								-	-	-	-
A19.7.3.1.2.6. Default Monitor Panel (DMP)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.1.2.7. ICS Auxiliary Backup Switch								-	-	-	-
A19.7.3.1.2.8. Matrix Control Panel (MCP)								-	-	-	-
A19.7.3.1.2.9. Switch Matrix Unit (SMU)								-	-	-	-
A19.7.3.1.2.10. Cipher Text Indicator Panel								-	-	-	-
A19.7.3.1.2.11. MIC/ICS Switch								-	-	-	-
A19.7.3.1.2.12. Communication Cord								-	-	-	-
A19.7.3.1.3. Fault isolation								-	-	-	-
A19.7.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.1.5. Perform Phase Inspection								-	-	-	-
A19.7.3.2. AN/ARC-190 HF Communications TR: 1H-53(M)J-2-7											
A19.7.3.2.1. Perform operational check	*							-	-	-	-
A19.7.3.2.2. Remove and install (R&I)											
A19.7.3.2.2.1. R/T								-	-	-	-
A19.7.3.2.2.2. Mount								-	-	-	-
A19.7.3.2.2.3. Automatic control Processor								-	-	-	-
A19.7.3.2.2.4. Antenna Coupler								-	-	-	-
A19.7.3.2.2.5. Antenna Coupler Mount								-	-	-	-
A19.7.3.2.2.6. Radio Set Control								-	-	-	-
A19.7.3.2.2.7. External Wire Antenna and Mast								-	-	-	-
A19.7.3.2.3. Fault isolation								-	-	-	-
A19.7.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.2.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1H-53(M)J-2-7											
A19.7.3.3.1. Perform operational check	*							-	-	-	-
A19.7.3.3.2. Remove and install (R&I)											
A19.7.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.7.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.7.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.7.3.3.2.4. Split Remove Control Unit (SRCU)								-	-	-	-
A19.7.3.3.3. Fault isolation								-	-	-	-
A19.7.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.3.5. Perform Phase Inspection								-	-	-	-
A19.7.3.4. AN/ARC-222 VHF Communications TR: 1H-53(M)J-2-7											
A19.7.3.4.1. Perform operational check								-	-	-	-
A19.7.3.4.2. Remove and install (R&I)											
A19.7.3.4.2.1. R/T								-	-	-	-
A19.7.3.4.2.2. R/T Mount								-	-	-	-
A19.7.3.4.2.3. Radio Set Control (RSC)								-	-	-	-
A19.7.3.4.2.4. Antenna								-	-	-	-
A19.7.3.4.2.5. Logic Control Unit (LCU)								-	-	-	-
A19.7.3.4.2.6. Low Pass Filter								-	-	-	-
A19.7.3.4.3. Fault isolation								-	-	-	-
A19.7.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.4.5. Perform Phase Inspection								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.5. AN/ARC-164 UHF Communications TR 1H-53(M)J-2-7											
A19.7.3.5.1. Perform operational check	*							-	-	-	-
A19.7.3.5.2. Remove and install (R&I)											
A19.7.3.5.2.1. R/T								-	-	-	-
A19.7.3.5.2.2. Antenna								-	-	-	-
A19.7.3.5.2.3. Control Panel								-	-	-	-
A19.7.3.5.2.4. Antenna Coax Switch								-	-	-	-
A19.7.3.5.3. Fault isolation								-	-	-	-
A19.7.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.5.5. Perform Phase Inspection								-	-	-	-
A19.7.3.6. TSEC/KY-58 UHF/VHF Secure Speech TR 1H-53(M)J-2-7											
A19.7.3.6.1. Perform operational check	*							-	-	-	-
A19.7.3.6.2. Remove and install (R&I)											
A19.7.3.6.2.1. Processor								-	-	-	-
A19.7.3.6.2.2. Adapter Interface								-	-	-	-
A19.7.3.6.2.3. Processor Battery								-	-	-	-
A19.7.3.6.2.4. Remove Control Unit (RCU)								-	-	-	-
A19.7.3.6.3. Fault isolation								-	-	-	-
A19.7.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.6.5. Perform Phase Inspection								-	-	-	-
A19.7.3.6.6. Perform operational Check	*							-	-	-	-
A19.7.3.6.7. Troubleshoot System								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.7. TSEC/KY-100 UHF/VHF Secure Speech TR: 1H-53(M)J-2-7											
A19.7.3.7.1. Perform operational check	*							-	-	-	-
A19.7.3.7.2. Remove and install (R&I)											
A19.7.3.7.2.1. Processor								-	-	-	-
A19.7.3.7.2.2. Processor Battery								-	-	-	-
A19.7.3.7.2.3. Remove Control Unit (RCU)								-	-	-	-
A19.7.3.7.3. Fault isolation								-	-	-	-
A19.7.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.7.5. Perform Phase Inspection								-	-	-	-
A19.7.3.8. AN/ARC-187 Satellite Communications (SATCOM) TR: 1H-53(M)J-2-7											
A19.7.3.8.1. Perform operational check	*							-	-	-	-
A19.7.3.8.2. Remove and install (R&I)											
A19.7.3.8.2.1. R/T								-	-	-	-
A19.7.3.8.2.2. R/T Mount								-	-	-	-
A19.7.3.8.2.3. Antenna								-	-	-	-
A19.7.3.8.2.4. Preamplifier								-	-	-	-
A19.7.3.8.2.5. Preamplifier Mount								-	-	-	-
A19.7.3.8.2.6. Radio Set Controller								-	-	-	-
A19.7.3.8.2.7. Interface Unit								-	-	-	-
A19.7.3.8.2.8. DAMA Modem								-	-	-	-
A19.7.3.8.2.9. Modem Mount								-	-	-	-
A19.7.3.8.2.10. Modem Control Indicator								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.8.2.11. VDC-300 Data Controller								-	-	-	-
A19.7.3.8.2.12. Operator Auxiliary Panel								-	-	-	-
A19.7.3.8.2.13. Mode/Antenna Switch Panel								-	-	-	-
A19.7.3.8.2.14. Data I/O Device (Laptop)								-	-	-	-
A19.7.3.8.3. Fault isolation								-	-	-	-
A19.7.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.8.5. Perform Phase Inspection								-	-	-	-
A19.7.3.9. AN/AUIH-5 Cabin Address System TR: 1H-53(M)J-2-7											
A19.7.3.9.1. Perform operational check	*							-	-	-	-
A19.7.3.9.2. Remove and install (R&I)											
A19.7.3.9.2.1. Main Control Panel								-	-	-	-
A19.7.3.9.2.2. System Amplifier								-	-	-	-
A19.7.3.9.2.3. System Loudspeaker								-	-	-	-
A19.7.3.9.2.4. Hand-Held Microphone								-	-	-	-
A19.7.3.9.3. Fault isolation								-	-	-	-
A19.7.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.9.5. Perform Phase Inspection								-	-	-	-
A19.7.3.10. Voice Warning System TR: 1H-53(M)-2-7											
A19.7.3.10.1. Perform operational check								-	-	-	-
A19.7.3.10.2. Remove and install (R&I)											
A19.7.3.10.2.1. Voice Recorder								-	-	-	-
A19.7.3.10.2.2. Control Unit								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.3.10.2.3. Test Switch								-	-	-	-
A19.7.3.10.2.4. Microphone								-	-	-	-
A19.7.3.10.3. Fault isolation								-	-	-	-
A19.7.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.10.5. Perform Phase Inspection								-	-	-	-
A19.7.3.11. Command and Control (C2) Console TR: 1H-53(M)J-2-7											
A19.7.3.11.1. Perform operational check								-	-	-	-
A19l7.3.10.2. Remove and install (R&I)											
A19.7.3.11.2.1. Console								-	-	-	-
A19.7.3.11.2.2. Console Interface Panel								-	-	-	-
A19.7.3.11.2.3. SATCOM Antenna								-	-	-	-
A19.7.3.11.2.4. Preamplifier								-	-	-	-
A19.7.3.11.2.5. Antenna Switching Relay Assembly								-	-	-	-
A19.7.3.11.3. Fault isolation								-	-	-	-
A19.7.3.11.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.11.5. Perform Phase Inspections								-	-	-	-
A19.7.4. NAVIGATION SYSTEMS											
A19.7.4.1. AN/APX-64 Identification Friend or Foe (IFF) TR: 1H-53(M)J-2-7											
A19.7.4.1.1. Perform operational check	*							-	-	-	-
A19.7.4.1.2. Remove and install (R&I)											
A19.7.4.1.2.1. Control Panel								-	-	-	-
A19.7.4.1.2.2. R/T								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.4.1.2.3. R/T Mount								-	-	-	-
A19.7.4.1.2.4. Antenna								-	-	-	-
A19.7.4.1.2.5. Mode 4 Computer								-	-	-	-
A19.7.4.1.2.6. Mode 4 Computer Battery								-	-	-	-
A19.7.4.1.2.7. Antenna Switch Select Panel								-	-	-	-
A19.7.4.1.2.8. Antenna Switching Unit								-	-	-	-
A19.7.4.1.2.9. Transponder Test Unit								-	-	-	-
A19.7.4.1.3. Fault isolation								-	-	-	-
A19.7.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.1.5. Perform Phase Inspection								-	-	-	-
A19.7.4.2. AN/ARN-147 VOR /ILS /MB TR: 1H-53(M)J-2-7											
A19.7.4.2.1. Perform operational check								-	-	-	-
A19.7.4.2.2. Remove and install (R&I)											
A19.7.4.2.2.1. Receiver								-	-	-	-
A19.7.4.2.2.2. Control Box								-	-	-	-
A19.7.4.2.2.3. VOR/LOC Antenna								-	-	-	-
A19.7.4.2.2.4. GS Antenna								-	-	-	-
A19.7.4.2.2.5. MB Antenna								-	-	-	-
A19.7.4.2.2.6. Azimuth Switching Unit								-	-	-	-
A19.7.4.2.2.7. MB Light Assembly								-	-	-	-
A19.7.4.2.3. Fault isolation								-	-	-	-
A19.7.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.4.2.5. Perform Phase Inspection								-	-	-	-
A19.7.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1H-53(M)J-2-7											
A19.7.4.3.1. Perform operational Check								-	-	-	-
A19.7.4.3.2. Remove and install (R&I)											
A19.7.4.3.2.1. Control Box								-	-	-	-
A19.7.4.3.2.2. R/T								-	-	-	-
A19.7.4.3.2.3. Mount								-	-	-	-
A19.7.4.3.2.4. D/A Converter (MX Adapter)								-	-	-	-
A19.7.4.3.2.5. NAV Relay Unit								-	-	-	-
A19.7.4.3.2.6. HSI Switch								-	-	-	-
A19.7.4.3.2.7. Antennas								-	-	-	-
A19.7.4.3.3. Fault isolation								-	-	-	-
A19.7.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.3.5. Perform Phase Inspection								-	-	-	-
A19.7.4.4. Inertial Navigation Unit TR: 1H-53(M)J-2-8											
A19.7.4.4.1. Perform operational check								-	-	-	-
A19.7.4.4.2. Remove and install (R&I)											
A19.7.4.4.2.1. INU								-	-	-	-
A19.7.4.4.2.2. INU Mount								-	-	-	-
A19.7.4.4.2.3. INU Battery								-	-	-	-
A19.7.4.4.2.4. INU Fan								-	-	-	-
A19.7.4.4.3. Fault isolation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.4.5. Perform Phase Inspection								-	-	-	-
A19.7.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1H-53(M)J-2-8											
A19.7.4.5.1. Perform operational check	*							-	-	-	-
A19.7.4.5.2. Remove and install (R&I)											
A19.7.4.5.2.1. Receiver								-	-	-	-
A19.7.4.5.2.2. Receiver Mount								-	-	-	-
A19.7.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.7.4.5.2.4. Antenna								-	-	-	-
A19.7.4.5.2.5. Antenna Controller								-	-	-	-
A19.7.4.5.2.6. Remove Fill Port Panel								-	-	-	-
A19.7.4.5.2.7. Battery								-	-	-	-
A19.7.4.5.3. Fault isolation								-	-	-	-
A19.7.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.5.5. Perform Phase Inspection								-	-	-	-
A19.7.4.6. AN/APN-221 Doppler Navigation System TR: 1H-53(M)J-2-8											
A19.7.4.6.1. Perform operational check								-	-	-	-
A19.7.4.6.2. Remove and install (R&I)											
A19.7.4.6.2.1. CDU								-	-	-	-
A19.7.4.6.2.2. SDC								-	-	-	-
A19.7.4.6.2.3. SHUI Indicator								-	-	-	-
A19.7.4.6.2.4. Receiver								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.4.6.2.5. Transmitter								-	-	-	-
A19.7.4.6.2.6. Antenna								-	-	-	-
A19.7.4.6.3. Fault isolation								-	-	-	-
A19.7.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.6.5. Perform Phase Inspection								-	-	-	-
A19.7.4.6.6 Load Doppler Memory Correction Factors								-	-	-	-
A19.7.4.7. AN/ARS-6 Personnel Locator System (PLS) TR: 1H-53(M)J-2-7											
A19.7.4.7.1. Perform operational check								-	-	-	-
A19.7.4.7.2. Remove and install (R&I)											
A19.7.4.7.2.1. Control Display Unit								-	-	-	-
A19.7.4.7.2.2. Remove Display Unit								-	-	-	-
A19.7.4.7.2.3. R/T								-	-	-	-
A19.7.4.7.2.4. R/T Mount								-	-	-	-
A19.7.4.7.2.5. Antenna								-	-	-	-
A19.7.4.7.2.6. Antenna Switching Unit								-	-	-	-
A19.7.4.7.3. Fault isolation								-	-	-	-
A19.7.4.7.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.7.4.7.5. Perform Phase Inspection								-	-	-	-
A19.7.4.8. Multi-Mission Advanced Tactical Terminal											
A19.7.4.8.1. Perform operational check								-	-	-	-
A19.7.4.8.2. Remove and install (R&I) Receiver								-	-	-	-
A19.7.4.8.2.1. OZ-72(V)2(C)/A Multi-Mission Advanced Tactical Terminal (MATT) TR: 1H-53(M)J-2-8								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.4.8.2.2. Receiver								-	-	-	-
A19.7.4.8.3. Load and Verify OFP Procedures								-	-	-	-
A19.7.4.8.4. Fault isolation								-	-	-	-
A19.7.4.8.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.8.6. Perform Phase Inspections								-	-	-	-
A19.7.5. RADAR SYSTEMS											
A19.7.5.1. AN/APQ-158 Radar TR: 1H-53(M)J-2-7											
A19.7.5.1.1. Remove and install (R&I) Components											
A19.7.5.1.1.1. Antenna Receiver								-	-	-	-
A19.7.5.1.1.2. Transmitter								-	-	-	-
A19.7.5.1.1.3. Radar mount								-	-	-	-
A19.7.5.1.1.4. SDC								-	-	-	-
A19.7.5.1.1.5. Power Supply								-	-	-	-
A19.7.5.1.1.6. Radar Control Box (5 Box)								-	-	-	-
A19.7.5.1.1.7. Radar Range Control (10 Box)								-	-	-	-
A19.7.5.1.1.8. Dehydrator								-	-	-	-
A19.7.5.1.1.9. Turn Rate Gyro								-	-	-	-
A19.7.5.1.2. Perform operational Checks		*						-	-	-	-
A19.7.5.1.3. Troubleshoot System								-	-	-	-
A19.7.5.2. AN/APN-232 Combined Altitude Radar Altimeter TR: 1H-53(M)J-2-7											
A19.7.5.2.1. Remove and install (R&I) Components								-	-	-	-
A19.7.5.2.2. Perform operational Checks	*							-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.7.5.2.3. Troubleshoot System								-	-	-	-
A19.7.6. MISSION SYSTEMS											
A19.7.6.1. AAQ-18 Infrared System TR: 1H-53(M)J2-8											
A19.7.6.1.1. Remove and install (R&I) Components								-	-	-	-
A19.7.6.1.2. Perform operational Checks	*							-	-	-	-
A19.7.6.1.3. Troubleshoot System								-	-	-	-
A19.7.6.2. Color Airborne Video Tape Recorder (AVTR) TR: Applicable A/C technical orders											
A19.7.6.2.1. Remove and install (R&I) Components								-	-	-	-
A19.7.6.2.2. Perform operational Checks								-	-	-	-
A19.7.6.2.3. Troubleshoot System								-	-	-	-
A19.8. SOF OFF-EQUIPMENT MAINTENANCE											
A19.8.1. AN/APQ-170 RADAR USING AIRCRAFT RADAR TEST STATION (ARATS) TR: 12P2-2APQ-170-)											
A19.8.1.1. Minimum performance check of X-Band Antenna								-	-	-	-
A19.8.1.2. Align/Repair X-Band Antenna								-	-	-	-
A19.8.1.3. Minimum performance check of Ku-Band Antenna								-	-	-	-
A19.8.1.4. Align/Repair Ku-Band Antenna								-	-	-	-
A19.8.1.5. Minimum performance check of X-RT								-	-	-	-
A19.8.1.6. Align/Repair X-RT								-	-	-	-
A19.8.1.7. Minimum performance check of Ku-RT								-	-	-	-
A19.8.1.8. Align/Repair Ku-RT								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.1.9. Minimum performance check of Signal Processor Computer (SPC)								-	-	-	-
A19.8.1.10. Align/Repair Signal Processor Computer (SPC)								-	-	-	-
A19.8.1.11. Minimum performance check of Signal Data Converter (SDC)								-	-	-	-
A19.8.1.12. Align/Repair Signal Data Converter (SDC)								-	-	-	-
A19.8.1.13. Minimum performance check of power supply (SPS)								-	-	-	-
A19.8.1.14. Align/Repair power supply (SPS)								-	-	-	-
A19.8.1.15. Repair and Phase Match X- and Ku-Band Waveguides Using HP8510								-	-	-	-
A19.8.2. AN/APQ-170 RADAR USING TEST PROGRAM SETS TR: 12P2-2APQ-170-)											
A19.8.2.1. Minimum performance check of X-RT								-	-	-	-
A19.8.2.2. Align/Repair X-RT								-	-	-	-
A19.8.2.3. Minimum performance check of Ku-RT								-	-	-	-
A19.8.2.4. Align/Repair Ku-RT								-	-	-	-
A19.8.2.5. Minimum performance check of Signal Processor Computer (SPC)								-	-	-	-
A19.8.2.6. Align/Repair Signal Processor Computer (SPC)								-	-	-	-
A19.8.2.7. Minimum performance check of Signal Data Converter (SDC)								-	-	-	-
A19.8.2.8. Align/Repair Signal Data Converter (SDC)								-	-	-	-
A19.8.2.9. Minimum performance check of power supply (SPS)								-	-	-	-
A19.8.2.10. Align/Repair power supply (SPS)								-	-	-	-
A19.8.3. AN/APQ-170 TEST PROGRAM SET (TPS)											
A19.8.3.1. Operational check of RT TPS								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.3.2. Repair RT TPS								-	-	-	-
A19.8.3.3. Operational check of Signal Processor Computer (SPC) TPS								-	-	-	-
A19.8.3.4. Repair Signal Processor Computer (SPC) TPS								-	-	-	-
A19.8.3.5. Operational check of Signal Data Converter (SDC) TPS								-	-	-	-
A19.8.3.6. Repair Signal Data Converter (SDC) TPS								-	-	-	-
A19.8.3.7. Operational check of power supply (SPS) TPS								-	-	-	-
A19.8.3.8. Repair power supply (SPS) TPS								-	-	-	-
A19.8.4. ELECTRICAL ELECTRONIC EQUIPMENT TEST STATION (EEETS)											
A19.8.4.1. Setup								-	-	-	-
A19.8.4.2. Self Test								-	-	-	-
A19.8.4.3. Inspect								-	-	-	-
A19.8.4.4. Troubleshoot								-	-	-	-
A19.8.4.5. Repair Computer Control Memory Unit (CCMU)								-	-	-	-
A19.8.4.6. Repair Signal Generator Converter (SGC)								-	-	-	-
A19.8.4.7. Repair Converter Interface (CI)								-	-	-	-
A19.8.4.8. Service Printer (2225HP)								-	-	-	-
A19.8.4.9. Utility Program Operations								-	-	-	-
A19.8.4.10. Calibration Verification								-	-	-	-
A19.8.5. AN/APQ-EEETS ANCILLARY EQUIPMENT											
A19.8.5.1. Electronic System Test Set								-	-	-	-
A19.8.5.2. Fan, Vane axial								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.5.3. Signal Data Converter								-	-	-	-
A19.8.5.4. Power Distribution Panel								-	-	-	-
A19.8.5.5. Waveguide Pressurization Unit								-	-	-	-
A19.8.5.6. Liquid Cooling Unit								-	-	-	-
A19.8.5.7. Hydraulic Power Supply								-	-	-	-
A19.8.5.8. Triaxial Measuring System								-	-	-	-
A19.8.5.9. Handtruck								-	-	-	-
A19.8.6. AN/APQ-180 Radar and TPS											
A19.8.6.1. Minimum performance check of Analog/Digital Converter (ADC)								-	-	-	-
A19.8.6.2. Align/Repair Analog/Digital Converter (ADC)								-	-	-	-
A19.8.6.3. Minimum performance check of Radar Data Processor (RDP)								-	-	-	-
A19.8.6.4. Align/Repair Radar Data Processor (RDP)								-	-	-	-
A19.8.6.5. Minimum performance check of Radar Signal Processor (RSP)								-	-	-	-
A19.8.6.6. Align/Repair Radar Signal Processor (RSP)								-	-	-	-
A19.8.6.7. Minimum performance check of Receiver/ Exciter (RE)								-	-	-	-
A19.8.6.8. Align/Repair Receiver/Exciter (RE)								-	-	-	-
A19.8.6.9. Minimum performance check of Transmitter								-	-	-	-
A19.8.6.10. Align/Repair Transmitter								-	-	-	-
A19.8.6.11. Minimum performance check of Low Voltage Power Supply (LVPS)								-	-	-	-
A19.8.6.12. Align/Repair Low Voltage Power Supply (LVPS)								-	-	-	-
A19.8.6.13. Minimum performance check of Antenna								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.6.14. Align/Repair/Boresite Antenna								-	-	-	-
A19.8.6.15. Operational check of Radar Data Processor/ Radar Signal Processor (RDP/ RSP) Test Program Set (TPS)								-	-	-	-
A19.8.6.16. Align/Repair Radar Data Processor/ Radar Signal Processor (RDP/ RSP) Test Program Set (TPS)								-	-	-	-
A19.8.6.17. Operational check of Analog-Digital Converter/ Receiver-Exciter (ADC/ RE) Test Program Set (TPS)								-	-	-	-
A19.8.6.18. Align/Repair Analog-Digital Converter/ Receiver-Exciter (ADC/ RE) Test Program Set (TPS)								-	-	-	-
A19.8.6.19. Operational check of Low Voltage Power Supply (LVPS) Test Program Set (TPS)								-	-	-	-
A19.8.6.20. Align/Repair Low Voltage Power Supply (LVPS) Test Program Set (TPS)								-	-	-	-
A19.8.6.21. Operational check of Transmitter Test Program Set (TPS)								-	-	-	-
A19.8.6.22. Align/Repair Transmitter Test Program Set (TPS)								-	-	-	-
A19.8.6.23. Operational check of Antenna Test Program Set (TPS)								-	-	-	-
A19.8.6.24. Align/Repair Antenna Test Program Set (TPS)								-	-	-	-
A19.8.7. AIC-38/ 40 INTERPHONE SYSTEM											
A19.8.7.1. Minimum performance check of Communications Control Unit (CCU)								-	-	-	-
A19.8.7.2. Align/Repair Communications Control Unit (CCU)								-	-	-	-
A19.8.7.3. Minimum performance check of Communications Station Unit (CSU)								-	-	-	-
A19.8.7.4. Align/Repair Communications Station Unit (CSU)								-	-	-	-
A19.8.7.5. Operational check of Test Program Set (TPS)								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.7.6. Align/Repair Test Program Set (TPS)								-	-	-	-
A19.8.8. AN/APQ-150 RADAR TR: 12P5-2APQ150-12)											
A19.8.8.1. Minimum performance check of Control Indicator								-	-	-	-
A19.8.8.2. Align/Repair Control Indicator								-	-	-	-
A19.8.8.3. Minimum performance check of Receiver/ Transmitter								-	-	-	-
A19.8.8.4. Align/Repair Receiver/Transmitter								-	-	-	-
A19.8.8.5. Minimum performance check of Signal Processor								-	-	-	-
A19.8.8.6. Align/Repair Signal Processor								-	-	-	-
A19.8.9. AN/APQ-122 (V-8 SOFI) RADAR TR: 12P5-2APQ122-191-1)											
A19.8.9.1. Minimum performance check of X-Band R/T								-	-	-	-
A19.8.9.2. Align/Repair X-Band R/T								-	-	-	-
A19.8.9.3. Minimum performance check of Ka-Band R/T								-	-	-	-
A19.8.9.4. Align/Repair Ka-Band R/T								-	-	-	-
A19.8.9.5. Minimum performance check of ECA								-	-	-	-
A19.8.9.6. Align/Repair ECA								-	-	-	-
A19.8.9.7. Minimum performance check of Map Antenna								-	-	-	-
A19.8.9.8. Align/Repair Map Antenna								-	-	-	-
A19.8.9.9. Minimum performance check of Antenna Control								-	-	-	-
A19.8.9.10. Align/Repair Antenna Control								-	-	-	-
A19.8.9.11. Minimum performance check of TF Receiver								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.9.12. Align/Repair TF Receiver								-	-	-	-
A19.8.9.13. Minimum performance check of TF Computer								-	-	-	-
A19.8.9.14. Align/Repair TF Computer								-	-	-	-
A19.8.9.15. Minimum performance check of X-Band Control Box								-	-	-	-
A19.8.9.16. Align/Repair X-Band Control Box								-	-	-	-
A19.8.9.17. Minimum performance check of Ka-Band Control Box								-	-	-	-
A19.8.9.18. Align/Repair Ka-Band Control Box								-	-	-	-
A19.8.9.19. Minimum performance check of Cursor Control Box								-	-	-	-
A19.8.9.20. Align/Repair Cursor Control Box								-	-	-	-
A19.8.9.21. Minimum performance check of AOA Probe								-	-	-	-
A19.8.9.22. Minimum performance check of TF Antenna								-	-	-	-
A19.8.9.23. Align/Repair TF Antenna								-	-	-	-
A19.8.9.24. Minimum performance check of DAI								-	-	-	-
A19.8.9.25. Minimum performance check of PSP								-	-	-	-
A19.8.9.26. Align/Repair PSP								-	-	-	-
A19.8.9.27. Minimum Performance/Repair of Maintenance Panel								-	-	-	-
A19.8.9.28. Minimum performance check of Power Supply								-	-	-	-
A19.8.9.29. Align/Repair Power Supply								-	-	-	-
A19.8.9.30. Minimum performance check of Pilot’s 5" Monitor								-	-	-	-
A19.8.9.31. Align/Repair Pilot’s 5” Monitor								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.9.32. Minimum performance check of Navigator's 9" Monitor								-	-	-	-
A19.8.9.33. Align/Repair Navigator's 9" Monitor								-	-	-	-
A19.8.9.34. Minimum performance check of Navigator's 14" Monitor								-	-	-	-
A19.8.9.35. Align/Repair Navigator's 14" Monitor								-	-	-	-
A19.8.9.36. Minimum performance check of Digital Scan Converter								-	-	-	-
A19.8.9.37. Align/Repair of Digital Scan Converter								-	-	-	-
A19.8.9.38. Minimum performance check of Pilot's Control Box								-	-	-	-
A19.8.9.39. Align/Repair Pilot's Control Box								-	-	-	-
A19.8.9.40. Minimum performance check of Navigator's Control Box								-	-	-	-
A19.8.9.41. Align/Repair Navigator's Control Box								-	-	-	-
A19.8.9.42. Minimum performance check of Left Navigator's Control Box								-	-	-	-
A19.8.9.43. Align/Repair Left Navigator's Control Box								-	-	-	-
A19.8.9.44. Minimum performance check/Repair of Digital Scan Converter Mount								-	-	-	-
A19.8.9.45. Minimum performance check/Repair of Power Supply Mount								-	-	-	-
A19.8.9.46. Use Clinometer								-	-	-	-
A19.8.10. AN/APQ-158 RADAR TR: 12P2-2APQ158-12-1											
A19.8.10.1. Minimum performance check of Power Supply								-	-	-	-
A19.8.10.2. Align/Repair Power Supply								-	-	-	-
A19.8.10.3. Minimum performance check of Transmitter								-	-	-	-
A19.8.10.4. Align/Repair Transmitter								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.10.5. Minimum performance check of Antenna Receiver								-	-	-	-
A19.8.10.6. Align/Repair Antenna Receiver								-	-	-	-
A19.8.10.7. Minimum performance check of TF Computer								-	-	-	-
A19.8.10.8. Align/Repair TF Computer								-	-	-	-
A19.8.10.9. Minimum performance check of C-10646 Set Control								-	-	-	-
A19.8.10.10. Align/Repair C-10646 Set Control								-	-	-	-
A19.8.10.11. Minimum performance check of Signal Data Converter								-	-	-	-
A19.8.10.12. Align/Repair Signal Data Converter								-	-	-	-
A19.8.10.13. Minimum performance check of Fault Locator								-	-	-	-
A19.8.10.14. Align/Repair Fault Locator								-	-	-	-
A19.8.10.15. Minimum performance check of Indicators								-	-	-	-
A19.8.10.16. Align/Repair Indicators								-	-	-	-
A19.8.10.17. Minimum performance check of Distribution Box								-	-	-	-
A19.8.10.18. Align/Repair Distribution Box								-	-	-	-
A19.8.10.19. Minimum performance check of TF Range Control Panel								-	-	-	-
A19.8.10.20. Align/Repair TF Range Control Panel								-	-	-	-
A19.8.10.21. Minimum performance check of C-10010 Set Control								-	-	-	-
A19.8.10.22. Align/Repair C-10010 Set Control								-	-	-	-
A19.8.10.23. Minimum Performance Of Pressurizer/ Dehumidifier								-	-	-	-
A19.8.10.24. Align/Repair Pressurizer/ Dehumidifier								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A19.8.10.25. Minimum performance check of Turn Rate Gyro								-	-	-	-
A19.8.10.26. Align/Repair Turn Rate Gyro								-	-	-	-
A19.8.10.27. Minimum performance check of Forward Mount Assembly								-	-	-	-
A19.8.10.28. Align/Repair Forward Mount Assembly								-	-	-	-
A19.8.10.29. Minimum performance check of Centrifugal Fan								-	-	-	-
A19.8.10.30. Align/Repair Centrifugal Fan								-	-	-	-
A19.8.10.31. Minimum performance check of TF Radar Monitor Panel								-	-	-	-
A19.8.10.32. Align/Repair TF Radar Monitor Panel								-	-	-	-
A19.8.10.33. Minimum performance check of System								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
ATTACHMENT 20(Electronic Principles Training Requirements) NOTE 1: This attachment identifies the Air Force standardized STS Electronic Fundamentals and applications STS entries. NOTE 2: Only those items in column 4A that have proficiency level codes are trained in the Electronic Principles portion of the course. NOTE 3: Users may annotate additional devices or circuits not identified by this attachment that are specific to their AFSC IAW AFI 36-2201. NOTE 4: All course requirements are trained in the 3-level resident wartime course. NOTE 5: STS elements shown in parentheses in column 4A are taught to the designated level in course J3ABR2A533A 003, Communication/ Navigation/ Mission Systems Apprentice, at Sheppard AFB TX.											
A20.1. BASIC TERMS TR: 31-1-141-2, -5											
A20.1.1. Metric Notation								B	-	-	-
A20.1.2. Direct Current (DC) terms								B	-	-	-
A20.1.3. Alternating Current (AC) terms								B	-	-	-
A20.2. BASIC CIRCUITS TR: 31-1-141-2, -5											
A20.2.1. Theory of Operation								B	-	-	-
A20.2.2. Troubleshoot Circuits								2b	-	-	-
A20.3. BASIC CIRCUIT CALCULATIONS TR: 31-1-141-5											
A20.3.1. DC								B	-	-	-
A20.3.2. AC								B	-	-	-
A20.4. RESISTORS TR: 31-1-141-2, -15											
A20.4.1. Theory of Operation								B	-	-	-
A20.4.2. Color code								A	-	-	-
A20.4.3. Isolate faulty resistors								2b	-	-	-
A20.5. RELAYS/SOLENOIDS TR: 31-1-141-2, -3											
A20.5.1. Relay Theory of Operation								B	-	-	-
A20.5.2. Isolate faulty relays								2b	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.6. INDUCTORS TR: 31-1-141-2, -15											
A20.6.1. Theory of Operation								B	-	-	-
A20.6.2. Isolate faulty inductors								2b	-	-	-
A20.6.3. Calculations								-	-	-	-
A20.7. CAPACITORS TR: 31-1-141-2, -5, -15											
A20.7.1. Theory of Operation								B	-	-	-
A20.7.2. Isolate faulty capacitors								2b	-	-	-
A20.7.3. Calculations								-	-	-	-
A20.7.4. Color code								-	-	-	-
A20.8. TRANSFORMERS TR: 31-1-141-2, -5, -15											
A20.8.1. Theory of Operation								B	-	-	-
A20.8.2. Isolate faulty transformers								2b	-	-	-
A20.9. THREE PHASE TRANSFORMERS TR: 31-1-141-2, -15											
A20.9.1. Theory of Operation								B	-	-	-
A20.9.2. Isolate faulty three phase transformers								-	-	-	-
A20.10. DC MOTORS TR: 31-1-141-2, -9											
A20.10.1. Theory of Operation								B	-	-	-
A20.10.2. Troubleshoot DC motors								-	-	-	-
A20.11. AC MOTORS TR: 31-1-141-2, -9											
A20.11.1. Theory of Operation								B	-	-	-
A20.11.2. Trouble shoot AC motors								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.12. DC GENERATORS TR: 31-1-141-2, -9, -13											
A20.12.1. Theory of Operation								B	-	-	-
A20.12.2 Troubleshoot DC generators								-	-	-	-
A20.13. AC GENERATORS TR: 31-1-141-2, -9, -13											
A20.13.1. Theory of Operation								B	-	-	-
A20.13.2. Troubleshoot AC generators								-	-	-	-
A20.14. SYNCHRO/SERVOS TR: 31-1-141-2, -9											
A20.14.1. Theory of Operation								B	-	-	-
A20.14.2. Troubleshoot synchro/servos								-	-	-	-
A20.15. TRANSDUCERS TR: 31-1-141-3, -14											
A20.15.1. Theory of Operation								B	-	-	-
A20.15.2. Isolate faulty transducers								-	-	-	-
A20.16. SOLID STATE DIODES TR: 31-1-141-4, -15											
A20.16.1. Theory of Operation								B	-	-	-
A20.16.2. Isolate faulty solid state diodes								2b	-	-	-
A20.16.3. Specifications								-	-	-	-
A20.16.4. Color code								-	-	-	-
A20.17. BIPOLAR JUNCTION TRANSISTORS TR: 31-1-141-4											
A20.17.1.Theory of Operation								B	-	-	-
A20.17.2. Isolate faulty transistors								-	-	-	-
A20.17.3. Specifications								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.18. INTEGRATED CIRCUITS TR: 31-1-141-4											
A20.18.1. Familiarization								B	-	-	-
A20.18.2. Isolate faulty integrated circuits								-	-	-	-
A20.18.3. Specifications								-	-	-	-
A20.19. SOLID STATE SPECIAL PURPOSE DEVICES TR: 31-1-141-4											
A20.19.1. Theory of Operation								B	-	-	-
A20.19.2. Silicon Controlled Rectifier (SCR)								-	-	-	-
A20.19.3. Zener diode								B	-	-	-
A20.19.4. Tunnel diode								-	-	-	-
A20.19.5. Light Emitting Diode (LED)								B	-	-	-
A20.19.6. Liquid Crystal Diode (LCD)								B	-	-	-
A20.19.7. Unijunction Transistor (UJT)								-	-	-	-
A20.19.8. Junction Field Effect Transistor (JFET)								-	-	-	-
A20.19.9. Metal Oxide Semi-Conductor Field Effect Transistor (MOSFET)								-	-	-	-
A20.19.10. Isolate faulty special purpose devices								-	-	-	-
A20.20. CATHODE RAY TUBES (CRT) TR: 31-1-141-1, -3											
A20.20.1. Theory of Operation								(A)	-	-	-
A20.20.2. Isolate faulty CRTs								-	-	-	-
A20.21. SOLDER/DESOLDER TR: 00-25-234, 1-1A-14, 31-1-141-15											
A20.21.1. Terminal connections								2b	-	-	-
A20.21.2. Printed Circuit (PC) boards								2b	-	-	-
A20.21.3. Multipin connectors								2b	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.21.4. Coaxial connectors								2b	-	-	-
A20.21.5. Pot connectors								-	-	-	-
A20.22. ASSEMBLE/DISASSEMBLE SOLDERLESS CONNECTORS TR: 1-1A-14, 31-1-141-15											
A20.22.1. Crimp connections	*							(3c)	-	-	-
A20.22.2. Coaxial connections	*							(3c)	-	-	-
A20.22.3. Multipin connections	*							2b	-	-	-
A20.23. USE TEST EQUIPMENT TR: 31-1-141-1, -7, -8, -9, -10											
A20.23.1. Analog multimeter								2b	-	-	-
A20.23.2. Oscilloscope								(2b)	-	-	-
A20.23.3 Signal Generator								-	-	-	-
A20.23.4. Frequency counter								-	-	-	-
A20.23.5. Spectrum Analyzer								-	-	-	-
A20.23.6. Field Strength Tester								-	-	-	-
A20.23.7. Digital multimeter	*							(3c)	-	-	-
A20.23.8. Digital logic probe								-	-	-	-
A20.23.9. Capacitor tester								-	-	-	-
A20.23.10. Capacitor substitution box								-	-	-	-
A20.23.11. Logic current tracer								-	-	-	-
A20.23.12. Logic analyzer								-	-	-	-
A20.23.13. Signature analyzer								-	-	-	-
A20.23.14. Time Domain Reflectometer		*						(2b)	B	(3c)	-
A20.23.15. Serial Bus Analyzer								(2b)	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.23.16. Bonding Meter								(2b)	-	-	-
A20.24. TRANSISTOR AMPLFIER CIRCUITS TR: 31-1-141-1, -4											
A20.24.1 Theory of Operation											
A20.24.1.1. Amplifier circuits								-	-	-	-
A20.24.1.2. Stabilization circuits								-	-	-	-
A20.24.1.3. Coupling circuits								-	-	-	-
A20.24.1.4. Troubleshoot circuits								-	-	-	-
A20.25. OPERATIONAL AMPLIFIERS(OP AMPS) TR: 31-1-141-4											
A20.25.1. Theory of Operation								-	-	-	-
A20.25.2. Isolate faulty operational amplifiers								-	-	-	-
A20.26. POWER SUPPLY CIRCUITS TR: 31-1-141-3, -4, -9, -15											
A20.26.1. Theory of Operation											
A20.26.1.1. Rectifiers								B	-	-	-
A20.26.1.2. Filters								B	-	-	-
A20.26.2. Troubleshoot circuits								-	-	-	-
A20.27. VOLTAGE REGULATORS TR: 31-1-141-3, -4											
A20.27.1. Theory of Operation								B	-	-	-
A20.27.2 Troubleshoot circuits								-	-	-	-
A20.28. RESISTIVE/CAPACITIVE/INDUCTIVE (RCL) CIRCUITS TR: 31-1-141-2, -5											
A20.28.1. Basic operation								-	-	-	-
A20.28.2. Resonant operation								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.28.3. Troubleshoot circuits								-	-	-	-
A20.29. FREQUENCY SENSITIVE FILTERS TR: 31-1-141-2											
A20.29.1. Theory of Operation								(B)	-	-	-
A20.29.2. Troubleshoot circuits								-	-	-	-
A20.29.3. Calculations								-	-	-	-
A20.30. WAVE GENERATION CIRCUITS TR: 31-1-141-3, -4, -10											
A20.30.1. Theory of Operation											
A20.30.1.1. Oscillators								B	-	-	-
A20.30.1.2. Multivibrators								B	-	-	-
A20.30.1.3. Waveshaping circuits								B	-	-	-
A20.30.2. Troubleshoot circuits								-	-	-	-
A20.31. LIMITER CIRCUITS TR: 31-1-141-4											
A20.31.1. Theory of Operation											
A20.31.1.1. Diode								B	-	-	-
A20.31.1.2. Zener diode								B	-	-	-
A20.31.1.3. Transistor								(B)	-	-	-
A20.31.2. Troubleshoot circuits								-	-	-	-
A20.32. CLAMPER CIRCUITS											
A20.32.1. Theory of Operation								-	-	-	-
A20.32.2. Troubleshoot circuits								-	-	-	-
A20.33. DIGITAL NUMBERING SYSTEMS TR: 31-1-141-5											
A20.33.1. Conversion											

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.33.1.1. Binary								B	B	-	-
A20.33.1.2. Octal								B	B	-	-
A20.33.1.3. Hexadecimal								B	B	-	-
A20.33.2. Math operations											
A20.33.2.1. Binary								B	B	-	-
A20.33.2.2. Octal								B	B	-	-
A20.33.2.3. Hexadecimal								B	B	-	-
A20.33.3. Binary code systems								B	B	-	-
A20.34. DIGITAL LOGIC FUNCTIONS TR: 31-1-141-4, -9											
A20.34.1. Theory of Operation											
A20.34.1.1. Main Logic Gates								B	B	-	-
A20.34.1.2. Flip-Flops								B	-	-	-
A20.34.2. Troubleshoot circuits								-	-	-	-
A20.34.3. Logic families											
A20.34.3.1. Transistor to Transistor Logic TTL)								-	-	-	-
A20.34.3.2. Complementary Metal Oxide Semi-Conductor (CMOS)								B	-	-	-
A20.35. BOOLEAN EQUATIONS TR: 31-1-141-5											
A20.35.1. Diagram to equation								(B)	B	-	-
A20.35.2. Equation to diagram								(B)	B	-	-
A20.35.3. Simplify expressions								-	-	-	-
A20.36. COMPUTERS TR: 31-1-141-6C, -9											
A20.36.1. Computer Theory								B	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.36.2. Software											
A20.36.2.1. Operating system								B	-	-	-
A20.36.2.2. Virus protection								B	-	-	-
A20.36.2.3. Diagnostics								B	-	-	-
A20.36.2.4. Applications								B	-	-	-
A20.36.2.5. Load programs								-	-	-	-
A20.36.3. Write and debug programs								-	-	-	-
A20.36.4. Isolate faulty major computer units								-	-	-	-
A20.36.5. Troubleshoot subassemblies/circuits								-	-	-	-
A20.36.6. Types of memories								-	-	-	-
A20.36.7. Peripheral devices								B	-	-	-
A20.36.8. Programming languages								-	-	-	-
A20.37. MICROPROCESSOR CONTROLLED SYSTEMS TR: 31-1-141-6C, -9											
A20.37.1 Theory of Operation											
A20.37.1.1. Basic								-	-	-	-
A20.37.1.2. Universal								-	-	-	-
A20.37.1.3. 8085 Specific								-	-	-	-
A20.37.2. Isolate faulty microprocessors								-	-	-	-
A20.38. LOGIC CIRCUITS TR: 31-1-141-3, -5, -9, -13											
A20.38.1. Theory of Operation											
A20.38.1.1. Counters								-	-	-	-
A20.38.1.2. Registers								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.38.1.3. Combination logic circuits								-	-	-	-
A20.38.2. Troubleshoot circuits								-	-	-	-
A20.39. DIGITAL TO ANALOG AND ANALOG TO DIGTAL CONVERTERS TR: 31-1-141-13											
A20.39.1 Theory of Operation								A	-	-	-
A20.39.2. Isolate faulty converters								-	-	-	-
A20.40. TRANSMISSION LINES TR: 31-1-141-7, -8, -9, -11											
A20.40.1. Theory of Operation								B	B	-	-
A20.40.2. Perform measurements								-	-	-	-
A20.40.3. Calculations								-	-	-	-
A20.40.4. Isolate faulty transmission lines								-	-	-	-
A20.41. WAVEGUIDES TR: 31-1-141-9, -11											
A20.41.1. Theory of Operation								B	B	-	-
A20.41.2. Fault isolation								-	-	-	-
A20.42. MICROWAVE OSCILLATORS AND AMPLIFIERS TR: 31-1-141-3, -10, -11											
A20.42.1. Theory of Operation								-	-	-	-
A20.42.2. Tune or adjust								-	-	-	-
A20.42.3. Isolate faulty microwave oscillators and amplifiers								-	-	-	-
A20.43. RESONANT CAVITIES TR: 31-1-141-3, -9, -11											
A20.43.1. Theory of Operation								-	-	-	-
A20.43.2. Isolate faulty resonant cavities								-	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.43.3. Tune or adjust								-	-	-	-
A20.44. TRANSMITTERS TR: 31-1-141-4, -9, -13											
A20.44.1. Theory of Operation											
A20.44.1.1. Amplitude Modulation								B	B	-	-
A20.44.1.2. Frequency Modulation								B	B	-	-
A20.44.1.3. Single Side Band								(B)	B	-	-
A20.44.1.4. Pulse Modulation								(B)	B	-	-
A20.44.2. Troubleshoot circuits								-	-	-	-
A20.45. RECEIVERS TR: 31-1-141-4, -9, -13											
A20.45.1. Theory of Operation											
A20.45.1.1. Amplitude Modulation								B	B	-	-
A20.45.1.2. Frequency Modulation								B	B	-	-
A20.45.1.3. Single Side Band								(B)	B	-	-
A20.45.1.4. Pulse Modulation								(B)	B	-	-
A20.45.2. Troubleshoot circuits								-	-	-	-
A20.46. ANTENNAS TR: 31-1-141-12											
A20.46.1. Theory of Operation								B	B	-	-
A20.46.2. Perform alignments								-	-	-	-
A20.46.3. Isolate faulty antennas								-	-	-	-
A20.47. SUPPORT SUBJECTS TR: 31-1-141-1, 00-25-234 AFR 80-23, 700-13											
A20.47.1. Electronics safety								B	-	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.47.2. First aid for electrical shock								B	-	-	-
A20.47.3. Electrostatic discharge (ESD) control								B	-	-	-
A20.47.4. Electromagnetic effects on electronic equipment											
A20.47.4.1. Pulse (EMP)								B	-	-	-
A20.47.4.2. Interference (EMI)								B	-	-	-

SECTION B - COURSE OBJECTIVE LIST

4. Measurement: Each proficiency code STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is composed of a condition, behavior, and standard; which states what is expected of the student for each task. The condition is the setting in which the training takes place)(i.e. technical orders, type of equipment, etc.). The behavior is the observable portion of the objective (I.e. perform an operational check). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter code(s) to identify how it is measured. All objectives use the PC code(s), which indicates a progress check is used to measure subject or task knowledge. W indicates a comprehensive written test and is used to measure the subject or task knowledge at the end of a block of instruction. PC/W indicates a subject or task knowledge progress check and a separate measurement of both knowledge and performance elements using a written test.

5. Standard: The standard of written examinations is 65% to 72%, depending on the number of questions on the test. Standards of performance are indicated in the objective and are also indicated on the individual progress check checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

6. Proficiency Level: Review column 4A of the STS to determine the proficiency level of a particular task or knowledge item. Review the course objective list to determine which STS item the objective supports. Review the proficiency code key in Part II, Section A of this CFETP for an explanation of the proficiency codes. 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. For tasks that are taught to the '3c' proficiency level, students can do all parts of the task and only require a spot check on completed work (competent). The student can also identify why and when a task must be done and why each step is needed.

7. Course Objectives: A detailed listing of initial skills or craftsman course objectives may be obtained by submitting a written request to the AETC Training Manager, 365 TRS/TRR, 609th Ave., Stop 22, Sheppard AFB TX 76311-2335.

SECTION C - SUPPORT MATERIAL:

8. The following list of support materials is not inclusive; however, it covers the most frequently referenced areas. For further information on the following courses, contact the OPR at:

333 TRS/TTCQS
601 D Street
Keesler AFB, MS 39534-2229
DSN 597-5893

782 TRG
826 Avenue G Suite 4
Sheppard AFB TX 76311-2867
DSN 736-2578

362 TRS/TRR
613 10th Street
Sheppard AFB TX 76311-2352
DSN 736-2996

Course Number	Course Title	OPR
* *J6ANU00066-038	Air Force Technical Order System General	362 TRS
* *J6ANU00066-039	Air Force Technical Order System (Advanced)	362 TRS

* *These courses are Computer Based Training (CBT), and may be requested as any other course. Courses are listed at web site http://hq2af.keesler.af.mil/ETCA.htm (formerly AFCAT 36-2223). * *Courses are suspended pending revision.

SECTION D - TRAINING COURSE INDEX

9. Purpose: This section of the CFETP identifies training courses available for the Communication/Navigation/Mission Systems specialty, and shows how the courses are used by each MAJCOM in their career field training programs. For further information on the following courses, contact the OPR at:

365 TRS/TRR
609 9th Avenue
Sheppard AFB TX 76311-2335
DSN 736-7899
10. Air Force In-Resident Courses:

Refer to web site http://hq2af.keesler.af.mil/ETCA.htm (formerly AFCAT 36-2223, USAF Formal Schools Catalog), for information on all courses listed in this index.

Course Number	Course Title	OPR	User
J3ABR2A533A 003	Communication/Navigation/Mission Systems Apprentice	365 TRS	AF, ANG, ARC
J3ACR2A573 001	Craftsman Avionics Course	365 TRS	AF, ANG, ARC

11. Extension Course Institute (ECI) Courses:

365 TRS/TRR
609 9th Avenue
Sheppard AFB, TX 76311-2335
DSN 736-7899

Course Number	Course Title	OPR	User
CDC 2A55A	Communication/Navigation/Mission Systems Journeyman	365 TRS	AF, ANG, ARC
CDC 2AX7X	Aerospace Maintenance Craftsman	362 TRS	AF, ANG, ARC

12. Exportable Courses:

For further information on the following exportable courses, contact the OPRs at:

367 TRSS
6058 Aspen Avenue
Hill AFB UT 84056-5805
DSN 777-7830/0150

362 TRS
613 10th Avenue
Sheppard AFB, TX 76311-2352
DSN 736-5206

The following Interactive Courseware (ICW) is available from, or under development by 367 TRSS at Hill AFB Utah. To obtain more information about each course, request a copy of the Courseware Catalog from the DSN 777-0150. To request ordering information on hardware, your MAJCOM training POC (for ACC, AMC, and ANG) is the first stop. For personnel under other Modicums, you contact them directly; they will provide you the information required for purchasing the item through them. If you decide to purchase the system, they will FAX you the AF Form 616 to use for an example. The 367 TRSS Internet site is: http//www.hill.af.mil/376TRSS/findex.htm. The Hill AFB course catalog can be ordered from DSN 777-0150.

Course Number	Course Title	OPR	USER
B-1 Programs			
C6AGM01JIV0005	**B-1B CITS Parameter Monitor Codes**	**367 TRSS**	**AF**
C6AGM01JIV0006	**B-1B CITS Maintenance Codes**	**367 TRSS**	**AF**
C6AGM01CIV0016	**B-1B Emergency Ground Egress**	**367 TRSS**	**AF**
C6AGM01JIV0038	**Hardness Critical Procedures (HCP) Checks**	**367 TRSS**	**AF**
C6AGM01CIV0052	**B-1B Hazard Zones**	**367 TRSS**	**AF**
C6AGM01CIV1000	**B-1B Towing Operation**	**367 TRSS**	**AF**
C6AGM01JIV1134	**B-1B Fasteners and Related Hardware**	**367 TRSS**	**AF**
C6AGM01JIV5501	**B-1B CITS Ground Readiness Test**	**367 TRSS**	**AF**
C6AGM01JIV1100	**B-1B Panel Types, Location, and Construction**	**367 TRSS**	**AF**
C6AGM01JIV4300	**B-1B EMUX**	**367 TRSS**	**AF**
C6AZM01CPB2400	**B-1B Auxiliary Power Unit Operation**	**367 TRSS**	**AF**

Course Number	Course Title	OPR	USER
B-1 Programs			
C6AWM01CPB5551	**B-1B General Aircraft Information/Command Aircraft Systems Training (CAST)**	**367 TRSS**	**AF**
C6AGM01CPB0099	**B-1B Handbook**	**367 TRSS**	**AF**
C6AZM01CPB8900	**B-1B Crew Chief Reference Book**	**367 TRSS**	**AF**
C6AWM01CPR8903	**B-1B CITS/CDDS/EMUX Operation**	**367 TRSS**	**AF**
C6AGM01CIV1615	**B-1B Egress System Safety**	**367 TRSS**	**AF**
C6AGM01JIV4600	**B-1B Fuel/Control Gravity Mgt. (FCGMS)**	**367 TRSS**	**AF**
C6AGM01CIV1001	**B-1B Safe for Maintenance**	**367 TRSS**	**AF**
B-52			
C6AZM52CPB0099	**B-52H Handbook**	**367 TRSS**	**AF**
C6AZM52CPB0330	**Hourly Post Flight and Drag Chute Installation**	**367 TRSS**	**AF**
C6AZM52CPB0419	**B-52H Panel & Secondary Structure Inspection**	**367 TRSS**	**AF**
C6AZM52CPB1000	**B-52H Tow Supervisor**	**367 TRSS**	**AF**
C6AZM52CPB1001	**B-52H Servicing**	**367 TRSS**	**AF**
C6AZM52CPB1002	**B-52H LOX Servicing and Draining**	**367 TRSS**	**AF**
C6AQM52CPB2300	**B-52H Engine Run Supervisor**	**367 TRSS**	**AF**
C6AZM52CPB46BO	**B-52H Refuel Operation**	**367 TRSS**	**AF**
C6AZM52CPB5271	**B-52H command Aircraft Systems Training (CAST)**	**367 TRSS**	**AF**
C-130 Programs			
A6AKM30TVT0001	**C-130 Ground Emergency Escape**	**367 TRSS**	**AF**
A6AKM305V50100	**C-130 Tow Training**	**367 TRSS**	**AF**
General Programs			
Z6AGM00TCB0002	**Multimeter Familiarization**	**367 TRSS**	**AF**
C6AGM00TIV0002	**Aerospace Ground Equipment**	**367 TRSS**	**AF**
C6AGM00QIV1000	**Aircraft Marshaling**	**367 TRSS**	**AF**
C6ANU00TVT7506	**Combat Sortie Generation**	**367 TRSS**	**AF**
C6AGM00SIV8971	**-86 Diesel Power Unit Operation**	**367 TRSS**	**AF**
Z6AKM00QIV0009	**Torque Wrench Familiarization**	**367 TRSS**	**AF**
A6AGU00TIV0033	**DS Familiarization**	**367 TRSS**	**AF**
C6ANU0TIV1000	**Oxygen Safe Handling**	**367 TRSS**	**AF**
C6AK016TVT0001	**Maintenance on Explosive Loaded Aircraft**	**367 TRSS**	**AF**
C5AKM00TVT0000	**FOD Prevention**	**367 TRSS**	**AF**
C5AKM00TIV0001	**Troubleshooting Techniques**	**367 TRSS**	**AF**
A6ANU00TIV1001	**Production Team Maintenance, Volume 1: General**	**367 TRSS**	**AF**

Course Number	Course Title	OPR	USER
General Programs			
A6ANU00TIV1002	**Production Team Maintenance, Volume 2: Apply/Disconnect External Electrical Power**	**367 TRSS**	**AF**
A6ANU00TIV1003	**Production Team Maintenance, Volume 3: Aircraft Towing Member**	**367 TRSS**	**AF**
A6ANU00TIV1004	**Production Team Maintenance, Volume 4: Aircraft Jacking Member**	**367 TRSS**	**AF**
A6ANU00TIV1005	**Production Team Maintenance, Volume 5: Open and Close Engine Cowling**	**367 TRSS**	**AF**
A6ANU00TIV1006	**Production Team Maintenance, Volume 6: Aircraft Interphone System**	**367 TRSS**	**AF**
A6ANU00TIV1007	**Production Team Maintenance, Volume 7: Aircraft Egress**	**367 TRSS**	**AF**
A6ANU00TIV1008	**Production Team Maintenance, Volume 8: Aircraft Familiarization**	**367 TRSS**	**AF**
A6ANU00TIV1009	**Production Team Maintenance, Volume 9: Remove/Install Aircraft Maintenance Panels**	**367 TRSS**	**AF**
A6ANU00TIV1010	**Production Team Maintenance, Volume 10: Aircraft Refuel/Defuel Member**	**367 TRSS**	**AF**
Z6ANU00TCBAQN0	**Nitrogen Cart Operation**	**367 TRSS**	**AF**
A6AKM00TVTAG05	**Aircraft Deicing Using the TM-1800 Landoll Deicer**	**367 TRSS**	**AF**
C5AKM00TVT0001	**Safety and Radio Frequency Radiation**	**367 TRSS**	**AF**
A5AKM00TVT0002	**Automatic Communications Processor Operations**	**367 TRSS**	**AF**
C6AKM00TVT0003	**Flightline Fire Extinguisher Training Pt. 1&2**	**367 TRSS**	**AF**
C5AKM00TVT0011	**Cold Weather Safety**	**367 TRSS**	**AF**
Z6AKM00TVT4700	**Aircraft Liquid Oxygen Servicing**	**367 TRSS**	**AF**
A6ANU00TIV0691	**Aerospace Corrosion Prevention & Control**	**367 TRSS**	**AF**
C6ANU00TVT0001	**Aircraft Wash Procedures**	**367 TRSS**	**AF**
A6ANU00TIV2800	**Aircraft Schematic Diagram Familiarization**	**367 TRSS**	**AF**
KC-135 Programs			
C6AN035TIV1100	**135 Emergency Ground Egress Training**	**367 TRSS**	**AF**
T.O. System Programs			
J6AQU2E066 038	**Air Force Technical Order (T.O.) System (Gen)**	**362 TRS**	**AF**
CAMS Programs			
J6ANU00066 043	**CAMS for Flightline and Backshop**	**362 TRS**	**AF**

13. Training Detachment (TD) Courses:

For further information on the TD courses, contact the OPRs at:

372 TRS
912 I Ave., Suite 3
Sheppard AFB TX 76311-2361
DSN 736-4801

373 TRS
912 I Ave, Suite 3
Sheppard AFB TX 76311-2361
DSN 736-4750

Course Number	Course Title	OPR	USER
J4ASF2A5X2-083 (DIG)	**C-17 Communication and Navigation Systems**	**373 TRS**	**AF**
J4ASF2A4XX-003 (I9P)	**C-17 Global Air Traffic Management (GATM) System**	**373 TRS**	**AF**
J4ASF2A4X2-112	**E-8C Comm/Nav Sys Technician**	**373 TRS**	**AF**
J4ASF2A1X3 000	**Communication & Navigation Systems (AN/APN-18/In-Shop)**	**373 TRS**	**AFRC**
J4ASF2A1X3 002	**Communication & Navigation Systems Craftsman (AN/ARC-190/In-Shop)**	**373 TRS**	**AFRC**
J4ASF2A1X3-007	**AN/ARC-186 VHF Comm System Techn (I/M)**	**373 TRS**	**AFRC**
J4ASF2A1X3-009 (4WM	**AN/ARC-164 "Have Quick/II" UHF Communications Systems**	**373 TRS**	**AF**
J4ASF2A1X3-011 (YBW)	**AN/APN-59 Radar System**	**373 TRS**	**AF**
J4ASF2A1X3-012 (7YU)	**AN/APN-169C Station Keeping Equipment**	**373 TRS**	**AF**
J4ASF2A1X3-013 (JXU)	**AN/APX-72 IFF System**	**373 TRS**	**AF**
J4ASF2A1X3-015 (3A9)	**AN/ARN-118(V) TACAN System**	**373 TRS**	**AF**
J4ASF2A1X3 027	**AN/APQ-122(V) 8 Terrain Following Radar (I. Maint.)**	**373 TRS**	**AFRC**
J4ASF2A1X3-028 (WK6)	**C-130 Beacon Tracking Radar System (AN/APQ-150A)**	**373 TRS**	**AF**
J4ASF2A1X3-050 (5IV)	**MC-130H Combat Talon II AN/APQ-170 Radar System**	**373 TRS**	**AF**
J4ASF2A1X3-051	**AN/ARC-187(RT-1571A/C-12391A) Satellite Communication System (I. Maint.)**	**373 TRS**	**AFRC**
J4ASF2A1X3-053 (I1G)	**AC-130U Strike Radar, AN/APQ-180 (O Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X1-013 (LD9)	**MH-53J Enhanced Navigation System (ENS) (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X1-095 (FJA)	**MH-53M Interactive Defensive Avionics System (IDAS)**	**373 TRS**	**AF**
J4ASF2A4X2-000 (I2A	**RSAF KC-135 Radio Communication**	**373 TRS**	**AF**

J4ASF2A4X2-003 (3KG)	**KC-10A Communication and Navigation Systems Craftsman (NAV/OM)**	**373 TRS**	**AF**
J4ASF2A4X2-004 (9PC)	**C-130 Self-Contained Navigation System (SCNS) Technician**	**373 TRS**	**AF**
J4ASF2A4X2-009 (NWR)	**MC-130H Communication and Navigation Systems (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-029 (X2V	**AC-130H Communication/ Navigation/Radar Systems Maintenance (O-Maintenance)**	**373 TRS**	**AF**
Course Number	**Course Title**	**OPR**	**USER**
J4ASF2A4X2-035 (X4Z)	**MC-130E Combat Talon I Communication and Navigation Systems (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-060 (1DI)	**MH-53J/M Communication/Navigation Systems Craftsman (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-061 (1C5)	**MC-130N/P Communication/ Navigation/Radar Systems (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-064 (3IR)	**C-130 Radar (AN/APQ-175/AWADS) System (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-068 (1EI)	**HH/MH-60G Communication/ Navigation Systems Craftsman (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X20071 (42Q)	**C-141 Station Keeping Equipment (SKE) System Technician (O/M Level)**	**373 TRS**	**AF**
J4ASF2A4X2-074 (81I)	**HH/MH-60G Enhanced Navigation (CPS-NU) and FLIR Systems (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-079 (9Q1)	**AC-130U Communication/Navigation Systems (O-Maintenance)**	**373 TRS**	**AF**
J4ASF2A4X2-081 (CI1)	**OC/RC-135 Navigation Maintenance Craftsman Combat Readiness Training (CRT)**	**373 TRS**	**AF**
J4ASF2A4X2-083 (D1G)	**C-17 Communication and Navigation System**	**373 TRS**	**AF**
J4ASF2A4X2-084 (D1I)	**(C-135 Avionics Communication/ Navigation Troubleshooting Course**	**373 TRS**	**AF**
J4ASF2A4X2-086 (G5I)	**OC/RC-135 Avionics Radar System Maintenance Craftsman (CRT)**	**373 TRS**	**AF**
J4ASF2A4X2-087 (G6I)	**OC/RC Avionics Communication System Maintenance Craftsman (CRT)**	**373 TRS**	**AF**
J4ASF2A4X2-088 (EI3)	**E-4B MILSTAR System Familiarization Course (O/M)**	**373 TRS**	**AF**
J4ASF2A4X2-090 (EI1)	**E-4B Message Processing System (MPS) Familiarization Course (O/M)**	**373 TRS**	**AF**
J4ASF2A4X2-093 (BOB)	**C-130E/H AN/APN-169C (V) Intra-formation Positioning Set (SKE) Maintenance (O/M)**	**373 TRS**	**AF**
J4ASF2A4X2-096 (AOK)	**C-141B Communication System Troubleshooting (O/M)**	**373 TRS**	**AF**
J4ASF2A4X2-097 (AOL)	**C-141B Navigation System Troubleshooting (O/M)**	**373 TRS**	**AF**

J4ASF2A4X2-098 9A4O)	3C-130 AN/USC-48 Airborne Battlefield Command Control Center III Maintenance (O/M)	373 TRS	AF
J4ASF2A4X2-102 (E4O)	E-4B Communication Patch Facilities and Test Facilities Familiarization (O/M)	373 TRS	AF
J4ASF2A4X2-103 (EOF)	E-4B Multiplexer and Switchboard Systems Familiarization Course (O Maintenance)	373 TRS	AF
Course Number	**Course Title**	**OPR**	**USER**
J4ASF2A4X2-104 (EOG)	E-4B Secure Voice Switch Systems Maintenance Familiarization Course (O Maintenance)	373 TRS	AF
J4ASF2A4X2-105 (CO3)	C-130J Communication/Navigation Systems Craftsman (O-Maintenance)	373 TRS	AF
J4AST2A4X2-106 (I6S)	KC-10A Communications Advanced Course Troubleshooting	373 TRS	AF
J4AST2A4X2-107 (I6T)	KC-10A Navigation Advanced Course Troubleshooting	373 TRS	AF
J4AST2A4X2-108 (RCO)	RC-135 AN/ASC-19(V) AFSATCOM (O/M) Craftsman	373 TRS	AF
J4AST2A4X2-110	E-3 Communications System Craftsman (O Maintenance)	373 TRS	AF
J4AST2A4X2-111 (I3M)	E-3 Avionics Navigational Aids Journeyman, Flight Avionics System	373 TRS	AF
J4AST2A4X2-112 (I3P)	E-8C Communication/Navigation	373 TRS	AF
J4AST2A4X2-113 (I2R)	KC-10A Communication System Craftsman (O/M)	373 TRS	AF
J4AST2A4X2-114 (I23)	C/KC-135 ARC 210 Radio System	373 TRS	AF
J4AST2A4X2-116 (K84)	ADIS/HF With ACS Radio/Emergency Locator Transmitter	373 TRS	AF
J4AST2A4X2-117 (K99)	KC-135 Communications/Navigation Pacer Crag Block 30 Differences	373 TRS	AF
J4AST2A4X2-118 (BOF)	C-130 Traffic Collision Avoidance System (TCAS) (O Maintenance)	373 TRS	AF
J4AST2A4X2-119 (KIC)	KC-135R/T Communication/ Navigation System Craftsman (Transition	373 TRS	AF
J4AST2A4X2-120 (KON)	KC-10 Communication and Navigation System Transition	373 TRS	AF
J4AST2A4X2-121 (I6G)	KC-135R/T Communication/ Navigation System Craftsman	373 TRS	AF
J4AST2A4X2-122 (I6H)	E-4B ARC-171 High Power UHF Radio System and Airborne Performance Monitor (APM)	373 TRS	AF
J4AST2A4X2-123 (I1W)	Transportable Time Distribution System and Pre-Processor (TTDSPP)	373 TRS	AF

J4AST2A4X2-129 (I7V)	**C-5 Avionics Communication and Navigation Systems (O/M)**	**373 TRS**	**AF**
J4AST2A4X2-140 (ITN)	**E-4B Very Low Frequency/Low Frequency (VLF/LF) System**	**373 TRS**	**AF**
J4AST2A5X3-000 (2IQ)	**B-2 Avionics System (Common Core) Certification Training**	**373 TRS**	**AF**
Course Number	**Course Title**	**OPR**	**USER**
J4AST2A5X3A-000 (7KP)	**B-1B Avionics Systems (OAS/Radars)**	**373 TRS**	**AF**
J4AST2A5X3A-009 (I2J)	**B-1B Avionics Systems (Com/Nav)**	**373 TRS**	**AF**
J4AST2A5X3A-010 (I2K)	**B-1B Avionics Systems (OAS/ Computers)**	**373 TRS**	**AF**
J4AST2A5X3A-011 (I2L)	**B-1B Avionics Systems (EMUX)**	**373 TRS**	**AF**
J4ASF2A5X3A-012 (BOL)	**B-52H Aircraft Bomb-Nav Organizational Maintenance**	**373 TRS**	**AF**
J4ASF2A5X3A-099 (AMO)	**B-52H Aircraft Communication Navigation System Maintenance**	**373 TRS**	**AF**
J4ASF30000-022	**Basic Soldering Techniques**	**373 TRS**	**AF**

14. Courses Under Development/Revision:

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

Course Number	Course Title	OPR	USER
15AWS00TPB1000	**Airframe and Powerplant Qualification Training Package (QTP)**	**367 TRSS**	**AF**

SECTION E - MAJCOM UNIQUE REQUIREMENTS

15. Currently only air Combat command has a MAJCOM mandatory course list (MMCL). MAJCOMs change mandatory course requirements occasionally. Up-to-date ACC requirements can be obtained at https://lg.acc.af.mil/lgq/lgqt/NEWLGQTHOME.htm. After access, click on "training" and then on MMCL". Refer to the HQ ACC MMCL for additional information. The below requirements are current as of 19 March 2001.

Course Number	Course Title	OPR	USER
B-1B Programs			
2A5X3A-000	**Offensive Avionics System Craftsman (Radar)**	**ACC**	**AF**
2A4X3A-009	**Avionics Sys (Comm/Nav)**	**ACC**	**AF**
2A5X3A-010	**Offensive Avionics System (OAS/Comp)**	**ACC**	**AF**
2A5X3A-011	**Offensive Avionics System (EMUX)/KAPTON**	**ACC**	**AF**

	Wire)		
B-2 Programs			
2A5X3A-100	**B-2 Avionics Sys Craftsman (COMM/NAV Mission Systems)**	**ACC**	**AF**
B-52 Programs			
2A5X3A-012	**B-52 Aircraft Bomb NAV Maint**	**ACC**	**AF**
Course Number	**Course Title**	**OPR**	**USER**
B-52 Programs			
2A5X3A-099	**B-52 Acft COMM/NAV Sys Maint**	**ACC**	**AF**
C-130 Programs			
2A4X2-004	**Self Contained Navigation Sys (SCNS)**	**ACC**	**AF**
2A4X2-094	**C-130 AN/APN-59 Radar System Maint**	**ACC**	**AF**
2A4X2-098	**EC-130 ABCCC III Maint**	**ACC**	**AF**
E-3B/C Programs			
2A4X2-110	**E-3 Comm Sys Craftsman (O Level)**	**ACC**	**AF**
2A4X2-111	**E-3 NAV/Aids Journeyman**	**ACC**	**AF**
E-4B Programs			
2A4X2-082	**E-4B ARC-171 UHF Radio Sys Fam**	**ACC**	**AF**
2A4X2-088	**E-4B MILSTAR Sys Fam**	**ACC**	**AF**
2A4X2-089	**Airborne Performance Monitor**	**ACC**	**AF**
2A4X2-090	**E-4B Message Processing Sys (MIPS)**	**ACC**	**AF**
2A4X2-102	**E-4B Comm Patch & Test Facilities Fam**	**ACC**	**AF**
2A4X2-103	**E-4B Multiplexer & Switchboard Sys Fam**	**ACC**	**AF**
2A4X2-104	**E-4B Secure Voice Switch Sys Maint Fam**	**ACC**	**AF**
E-8C Programs			
2A4X20112	**Comm/Nav Sys Tech**	**ACC**	**AF**
O/R/T/WC-135 Programs			
2A4X2-081	**C-135 COM/Nav Sys Craftsman**	**ACC**	**AF**
2A4X2-086	**OC/RC Radar Sys Maint Craftsman**	**ACC**	**AF**
2A4X2-108	**RC-135 AN/ASC-19 SAT COM**	**ACC**	**AF**
KC-135 Programs			
2A4X2-038	**()C-135 Com/Nav Maint Tech (O/M) (T/S)**	**ACC**	**AF**
2A4X2-116	**KC-135 Airborne Digital Interphone Sys (ADIS)**	**ACC**	**AF**
2A4X2-117	**COMM/NAV Pacer Craig Block 30 Differences**	**ACC**	**AF**
H-60 Programs			
2A4X2-068	**HH/MH-60 COM/NAV Sys**	**ACC**	**AF**
2A4X2-074	**Enhanced Nav (GPS-NU) 7 FLIR Sys**	**ACC**	**AF**

16. Additional courses available from ACC.

Contact the course OPRs at:

HQ ACC PMS/OL-CA
6058 Aspen
Hill AFB UT 84056-5895
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