

AFSC 2A5X1 AIRLIFT AND SPECIAL MISSION AIRCRAFT MAINTENANCE SPECIALTY



CAREER FIELD EDUCATION AND TRAINING PLAN

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SUMMARY OF CHANGES. As a result of the 22 July – 9 August 2019 Specialty Training Requirements Team Workshop, the Specialty Training Standards (STSs) contained in this Career Field Education and Training Plan (CFETP) have significant changes in Core Tasks, proficiency codes, and STS line item numbers.

CAREER FIELD EDUCATION AND TRAINING PLAN AIRLIFT AND SPECIAL MISSION AIRCRAFT MAINTENANCE SPECIALTY AFSC 2A5X1

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**AIRLIFT AND SPECIAL MISSION AIRCRAFT MAINTENANCE
SPECIALTY AFSC 2A5X1
CAREER FIELD EDUCATION AND TRAINING PLAN**

PART I

PREFACE

1. Career Field Education and Training Plan (CFETP). This CFETP is a comprehensive education and training document that identifies life-cycle education and training requirements, training support resources, and minimum Core Task requirements for 2A5X1, Airlift and Special Mission Aircraft Maintenance Specialty. The CFETP will provide personnel a clear career path to success and instills rigor in all aspects of career field training. This CFETP supersedes 2A5X1 CFETP published 1 October 2016 and CFETP 2A5X1C1, 22 May 2018. Information is available at Air Force Publications website.

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

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

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, experience, training, and other). Section D indicates resource constraints to accomplishing this plan, such as funds, manpower, equipment, and facilities. Section E identifies transition training guide requirements for SSgt through MSgt.

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

ABBREVIATIONS/TERMS EXPLAINED

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

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

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

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

Core Task. Tasks that the Air Force Career Field Manager (AFCFM) identifies as minimum qualification requirements within an AFS. Only a percentage of critical tasks for each system are listed as mandatory Core Tasks. This gives units needed flexibility to manage their workforce training.

Electronic Training Record. A web-based application providing Air Force Warfighters with global, real-time visibility into the technical qualifications, certifications, and training status of logistics, communications and information professionals Air Force wide. Electronic training records support base, wing, and work center level training management activities by automating training management business processes. The primary users of electronic training records will be any personnel directly involved in base level training management and certification activities. Electronic training records were developed and maintained by 754th Electronic Systems Group, Installation and Logistics, Maintenance Flight (754 ELSG/ILM) at Maxwell-Gunter AFB.

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

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

Go/No Go Level. In OJT, the stage at which an individual has gained enough skill, knowledge, and experience to either be qualified to perform an identified task without error or cannot perform the task without error.

Initial Skills 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 AFS Code (AFSC). This training is conducted at various locations by AETC.

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

Proficiency Training. Proficiency training is additional training, either in-residence or exportable advanced training courses, or OJT, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

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

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

Specialty Knowledge Test (SKT). A test based on knowledge of each Air Force Specialty. The SKT is designed to sample an Airman's knowledge of his or her entire Air Force specialty and not a specific job. Specialty Knowledge Tests are developed at the AETC Airman Advancement Division, by Senior Noncommissioned Officers with extensive practical experience in their career fields.

Specialty Training Requirements Team (STRT). A forum that is convened and co-chaired on a recurring basis by the AFCFM and Training Pipeline Manager, designed to review the appropriate CFETP and its attachments. The purpose is to ensure currency, accuracy and completeness of content, to include specific formal career ladder training requirements.

Specialty Training Standard. An Air Force document that is published as an attachment to the appropriate CFETP that describes an AFS in terms of tasks and knowledge an Airman may be expected to perform or to know on the job. It serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools and exportable courses.

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

Upgrade Training (UGT). Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, and 9-skill levels.

Utilization and Training Workshop (U&TW). A forum to determine education and training requirements, bringing together the expertise to establish the most effective mix of formal and on-the-job training for each AF Specialty skill level. Also used to create or revise training standards, and set responsibilities for providing training.

SECTION A - GENERAL INFORMATION

1. Purpose of the CFETP. This CFETP provides the information necessary for the AFCFM, MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective and efficient career field training program. It identifies major resource

constraints which impact full implementation of the desired career field training process. This CFETP outlines the training that individuals in AFSC 2A5X1 should receive in order to develop and progress throughout their career. This CFETP identifies initial skills, upgrade, qualification, advanced, and proficiency training requirements for each skill level in the specialty.

2. Use of the CFETP 2.1. The CFETP is the primary document used to identify life-cycle education and training requirements. It serves as a road map for career progression and outlines requirements that should be satisfied at appropriate points throughout the career path. The CFETP also specifies the mandatory task qualification requirements for award and maintenance of an AFSC. AETC training personnel will develop or revise formal resident, non-resident, field, and exportable training based upon requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining the resources needed to provide the identified training. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable courses can satisfy these identified requirements. MAJCOM-developed training, to support this AFSC, must be identified for inclusion in this plan and must not duplicate other available training resources. 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 of the CFETP. The AFCFM is the approval authority for the CFETP. The AFCFM for AFSC 2A5X1 will initiate an annual review of this document to ensure currency and accuracy. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training.

SECTION B - CAREER PROGRESSION INFORMATION

1. Specialty Description:

1.1. Specialty Summary. Maintains aircraft, support equipment, forms, and records. Performs and supervises as a section chief, production superintendent, flightline expediter, crew chief, repair and reclamation technician, quality assurance inspector, and maintenance support functions. Related DoD Occupational Subgroup: 160000.

1.2. Duties and Responsibilities. Refer to Air Force Enlisted Classification Directory (AFECD) Parts I and II located on the Air Force Personnel Services page in the Air Force Portal. Use the following address to access the AFECD: https://gum-crm.csd.disa.mil/app/answers/detail/a_id/7504/kw/afecd/r_id/100169 or use the following instructions to access the AFECD: Enter the Air Force Portal, in the search box enter “AFECD” and when results are displayed, click-on “AFECD - Air Force Enlisted Classification Directory” and log-in.

2. Skill and Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, develop, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career. Use Table 5.1 *Enlisted Career Path* in conjunction with information below to manage career field skill progression.

2.1. 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 task qualification training and available exportable courses for continued advancement. Once task qualified, a trainee may perform the task unsupervised. The 1-and 3-skill levels are assigned shred identifiers for initial-skills course scheduling and assignment purposes. Shred identifiers and Special Experience Identifiers (SEI) codes are provided in the AFECDD.

2.2. Journeyman (5) Level. Individuals must complete formal 5-level OJT. This training involves completion of identified Core Task qualification training requirements. Available proficiency/supplementary training should be completed as early as duty permits. Five-levels are assigned shred identifiers for scheduling and assignment purposes, and may be assigned job positions such as quality assurance and various staff positions. Five-levels will be considered for appointment as unit trainers. Individuals may use the SKT references found at <https://www.omsq.af.mil/> to prepare for testing under the Weighted Airman Promotion System (WAPS). They should continue their education toward an associate's or higher educational degree from the Community College of the Air Force (CCAF) or other accredited institution.

2.3. Craftsman (7) Level. Individuals must complete formal 7-level OJT. This training involves completion of identified Core Task qualification training requirements. Available proficiency/supplementary training should be completed as early as duty permits. A craftsman can expect to fill various supervisory and management positions such as shift leader, element NCOIC, flight/section chief, and task certifier. They can also be assigned to work in staff positions. They should continue their education toward an associate's or higher educational degree from CCAF or other accredited institution. Once promoted to TSgt, the shred identifier drops from the control AFSC and the individual can be assigned to other airlift/special mission aircraft.

2.4. Superintendent (9) Level. Individuals promoted to SMSgt are required to attend the Senior Noncommissioned Officer Academy. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Completion of college courses in the pursuit of a higher-level educational degree is also recommended. Once promoted to SMSgt, an individual can be assigned to any airlift/special mission, refuel/bomber, or helicopter/tiltrotor unit.

3. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Airlift and Special Mission Aircraft Maintenance (2A5X1) career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy should be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were made by MFMs and SMEs at the career field STRT held 22 July – 9 August 2019 at Sheppard AFB, TX.

3.1. Initial Skills. Changes were made to initial skills training. Several STS line items not identified previously were identified for inclusion in the mission-design-series (MDS) specific STS attachments and proficiency codes were assigned.

3.2. Five-Level Upgrade Requirements. Changes were made to 5-level Core Task upgrade requirements. Field Training Detachments (FTDs) will provide advanced aircraft system training.

3.3. Seven-Level Upgrade Requirements. New SSgts will complete advanced aircraft system training

provided by FTDs.

3.4. Proficiency/Continuation Training (see pg 2/3). Additional knowledge and skill requirements, which are not taught through initial skills or upgrade training, are accomplished by unit training or FTD. The purpose of continuation training is to provide additional training, exceeding minimum upgrade training requirements, with emphasis on present and future duty positions. To provide additional training in this area, MAJCOMs must develop a continuation training program that ensures individuals in the aerospace maintenance career field receive the necessary training at the appropriate point in their career. The training program will identify both mandatory and optional training requirements. Refer to Part II, Section D, Training Course Index, of this CFETP for a listing of available AETC supplementary training courses.

4. CCAF/Higher Education and Advanced Certification Opportunities. Higher education and advanced certification is a personal choice that is encouraged for the professional development of the entire enlisted force. Listed below are some current opportunities:

4.1. CCAF Academic Programs. Enrollment in CCAF occurs upon completion of Basic Military Training (BMT). CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree.

4.1.1. Degree Requirements: Prior to completing an associate degree, the 5-level must be awarded and the following requirements must be met:

	Semester Hours
Technical Education.....	24
Leadership, Management, and Military Studies.....	6
General Education.....	15
Program Elective.....	15
Technical Education; Leadership, Management, and Military Studies; or General Education	
Total.....	60

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

4.1.1.2. Leadership, Management, and Military Studies (6 semester hours). Professional military education and/or civilian management courses.

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

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

4.1.2. 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.

4.2. AETC Instructor. Individuals desiring to become an AETC Instructor should be actively pursuing an associate's degree. Special Duty Assignment (SDA) requires an AETC Instructor candidate to have a CCAF degree or be within one year of completion. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools. An AETC instructor can also be awarded an Associates of Applied Science, Instructor of Technology and Military Science degree.

4.3. Federal Aviation Administration (FAA) Airframe and Powerplant (A&P) Certification. Air Force aircraft maintenance technicians are eligible to pursue FAA A&P certification based on training and experience in accordance with Federal Aviation Regulation Part 65. The DoD established the Joint Service Aviation Maintenance Technician Certification Council (JSAMTCC) to standardize the eligibility and certification process for the military and provide direction and resources necessary to fill the gaps within military training and experience. The program consists of OJT, three Air University Online A&P Specialized Courses, documented evidence of 30 months practical experience in airframe and powerplant systems, and 4 years time-in-service. CCAF manages the AF A&P Certification Program. Technicians may enroll in the program and begin training once they have been awarded their 5-skill level. To learn more and enroll in the program, visit CCAF's website at <https://afvec.us.af.mil/afvec/Public/COOL/SearchCredentials.aspx> and search for "mechanic". The CCAF currently awards 30 semester hours for the FAA A&P certification and 18 semester hours for the FAA Airframe or Powerplant certification.

4.4. Other Certification Programs. CCAF is actively pursuing other licensure and certification opportunities related to specific career fields. To learn more about other certification opportunities visit CCAF's website at <https://afvec.us.af.mil/afvec/Public/COOL/SearchCredentials.aspx>.

5. Career Field Path:

NOTE: For the latest information go to USAF Career Path Tool at <https://myvector.us.af.mil/myvector/Home>.

5.1. Enlisted Development Team. The Enlisted Development Team (EDT) is the deliberate force development steering group for the Maintenance Management Career Fields and provides recommendations for the best qualified SNCOs into key leadership/development positions across the Air Force. The EDT results will be used to influence future assignments as they relate to aircraft maintenance Key Developmental Positions (KDPs). Example KDPs include the MAJCOM Weapons System Team Managers, Aircraft Battle Damage Repair/Expeditionary Depot Maintenance Functional Area Manager to name a few. The EDT also identifies other developmental opportunities for Maintenance Management SNCOs to facilitate their deliberate development. These recommendations or vectors are the EDT's collective recommendations for experience level, training and/or education opportunity, or position type that a member should be considered and seek out for professional growth. Vectoring will consist of recommendations for identified positions (i.e. development, leadership and strategic positions) within the Maintenance Management construct for which a member should be considered in subsequent assignments, but will not identify a specific location of assignment.

5.2. Enlisted Career Path. Table 5.1 identifies career milestones for the 2A5X1 Air Force Specialty.

Table 5.1 Enlisted Career Path (Airman Promotion Reference AFI 36-2670)				
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 10 months		
Upgrade to Journeyman (5-Skill Level) - Complete all appropriate 5- level Core Tasks.	Amn A1C SrA	10 months 3 years	28 months	8 Years
Airman Leadership School (ALS) -Must be a SrA with 48 months time in service or be an SSgt Selectee. -Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	Trainer - Qualified and certified to perform the task to be trained. - Must attend formal AF Training Course. - Recommended by the supervisor.			
	Certifier - Be an SSgt select with a 5- skill level or civilian equivalent. - Must attend AF Training Course. - Be a person other than the trainer except for AFSCs, duty position, units and/or work centers with specialized training standardization and certification requirements.			
Upgrade To Craftsman (7-Skill Level) -Minimum rank of SSgt (Sel). -Time in training is determined by the Career Field Manager. -Complete Career Development Course if applicable. -Attend Craftsman course, if applicable.	SSgt (Sel)	7.5 years	3 years	15 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	12.5 years	5 years	20 Years
	MSgt	16 years	8 years	24 Years
USAF Senior NCO Academy - Must be a SMSgt or SMSgt Selectee. - Resident graduation is a prerequisite for SMSgt sew-on (Active Duty Only).	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

5.3. Base/Unit Education and Training Manager Checklist:

Table 5.2. Base/Unit Education and Training Manager Checklist		
Requirements for Upgrade to:	Y	N
Journeyman <ul style="list-style-type: none">- Does apprentice possess 2A531 AFSC?- Has apprentice completed all appropriate 5-level Core Tasks identified in the CFETP?- Has apprentice met mandatory requirements listed in specialty description, ECD, and CFETP?- Has apprentice been recommended by their supervisor?		
Craftsman <ul style="list-style-type: none">- Does journeyman possess 2A551 AFSC?- Has journeyman achieved the rank of SSgt?- Has journeyman completed all appropriate Core Tasks identified in the CFETP?		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade Trainee

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

Training Manager

Supervisor

SECTION C – SKILL-LEVEL TRAINING REQUIREMENTS

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

1.1 USAF policy has changed to allow Air Force Career Field Managers to set time in training requirements. Aggregate data for the 2AXXX AFSCs shows the average of all upgrade core tasks completion at 8 months for 5-level and 3 months for 7-level. Therefore, Time in Training requirements (upgrade and retraining) are as below:

5 level - RegAF: no minimum/15 month maximum. ARC: no minimum/no maximum

7 level - RegAF: no minimum/8 month maximum. ARC: no minimum/no maximum

RegAF maximum time in training for 5-level is 15 months and 7-level is 8 months. When training exceeds the maximum, commanders, UTMs, supervisors, will conduct a training progress review with the trainee to determine the root cause. This training progress review is in addition to the review required IAW AFI 36-2670 at 24 months. In the 2AXXX AFSC, it is imperative training progress is evaluated early on as it leads to key decisions impacting people and mission. UTMs with commander's approval will place members in Training Status Code T (failure to progress) for a period of 90 days, then accomplish a re-evaluation. If members are not complete with training required after 90 days, commanders will determine whether to: 1. Waive maximum time in training and return the member to duty, 2. Retrain member into another AFSC, or 3. Separate the member for failure to progress. UTMs guide commanders with the appropriate use of training status codes when there are any training progression concerns.

1.2 The maintenance badge will be awarded in conjunction with skill-level upgrade. Maintainers currently wearing the badge that do not meet this new criteria may continue to wear the badge, essentially grandfathered-in, but all future award or upgrade of the badge will be at the prescribed skill-level:

Basic: Wear the basic badge after award of the 5-skill-level

Senior: Wear the senior badge after award of the 7-skill-level

Master: Wear the master badge after award of the 9-skill-level.

See AFI 36-2903 for guidance on the wearing of occupational badges.

2. Specialty Qualification Requirements.

2.1. Apprentice Level Training (3):

2.1.1. Specialty Qualification. This information will be located in the official specialty description in the AFECD.

2.1.1.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems, flight theory, hydraulic principles, electrical theory, principles, concepts, and application of maintenance directives and

data reporting, using technical data, technical order use. Air Force supply and procedures, and proper handling, use, and disposal of hazardous waste and materials.

2.1.1.2. Education. For entry into this specialty completion of high school or equivalent is mandatory. Completion of related vocational courses is highly desirable.

2.1.1.3. Training. For award of AFSC 2A5X1, completion of a suffix specific basic aircraft maintenance course, as applicable is mandatory.

2.1.1.4. Experience. There is no experience necessary for entry into AFSC 2A5X1.

2.1.1.5. Other. For entry into this specialty normal color vision as defined in AFI 48-123, *Medical Examination and Standards* is required. See Attachment 4 of the AFECD for additional entry requirements. Must maintain local network access IAW AFI 17-130, *Cybersecurity* and AFMAN 17-1301, *Computer Security*. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSC 2A5X1, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI DoDMAN5200.02 and AFMAN16-1405, *Personnel Security Program Management*.

NOTE: Award of the 3-skill level without a completed NACLC is authorized provided an interim Secret security clearance has been granted according to AFI DoDMAN5200.02 and AFMAN16-1405.

2.1.2. Training Sources. Formal AETC initial skills courses provide the required knowledge and task proficiency training for award of the 3-skill level. Training includes common maintenance requirements (fundamentals), system theory and operation, system components, component removal and installation, introduction to maintenance concepts, general flight line maintenance practices, use of technical publications, maintenance documentation, and Aerospace Ground Equipment (AGE)/Support Equipment (SE) familiarization and use.

2.1.3. Implementation. Upon graduation from BMT, Airmen are assigned to the 82d Training Wing, 362d Training Squadron, to attend formal technical training appropriate to his or her end assignment and type aircraft. This training begins with fundamental maintenance training common to all aircraft maintenance apprentices within the specialty. This generic phase of training is followed by aircraft-specific maintenance training. Successful completion of formal technical training (listed in Part II, section D paragraph 2) results in the award of the 3-skill level.

2.2. Journeyman Level Training (5):

2.2.1. Specialty Qualification. This information is derived from the official specialty description in the AFECD.

2.2.1.1. Knowledge. In addition to the 3-level qualifications, a 5-level must possess the knowledge and skills necessary to maintain aircraft systems and associated systems. An individual must be task qualified on aircraft inspections, servicing, ground handling, troubleshooting, component removal/repair/installation, and system component operational checks. Journeymen perform operational checks, component repair, and use and maintenance of test and support equipment. Individuals can apply the proper handling, use, and disposal of hazardous waste and materials IAW federal and local environmental standards.

2.2.1.2. Education: There are no formal education requirements for upgrade to AFSC 2A531. However, progress toward a CCAF Associate's Degree or equivalent is highly encouraged.

2.2.1.3. Training: Completion of appropriate Core Tasks specified in the STS is mandatory.

2.2.1.4. Experience. Qualification in and possession of AFSC 2A531 with appropriate shred is required. Completion of the specified STS Core Tasks is required, as well as duty position requirements identified by the supervisor.

2.2.1.5. Other. For entry into this specialty, normal color vision as defined in AFI 48-123, *Medical Examination and Standards* is required. See Attachment 4 of the AFECD for additional entry requirements. Must maintain local network access IAW AFI 17-130, *Cybersecurity* and AFMAN 17-1301, *Computer Security*. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSC 2A5X1, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI DoDMAN5200.02 and AFMAN16-1405, *Personnel Security Program Management*.

2.2.3. Implementation. The units utilizing this STS and exportable courses perform training to the 5-level. Upgrade to the 5-level requires completion of appropriate 5-level Core Tasks as identified in the STS for one MDS.

2.2.4. Supervisor/Training Manager Input. Utilize Table 5.2 *Base/Unit Education and Training Manager Checklist* as applicable to facilitate upgrade actions.

2.3. Craftsman Level Training (7):

2.3.1. Specialty Qualification. This information is derived from the official specialty description in the AFECD.

2.3.1.1. Knowledge. In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge of theory, concepts, and principles of aircraft maintenance. The 7-level must be able to supervise and train personnel to maintain 2A5X1 systems. They must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques. Historical documentation analysis is also required for all 7-levels.

2.3.1.2. Education. There are no additional education requirements beyond those defined for the apprentice level. However, progress toward a CCAF Associate's Degree or equivalent is highly encouraged.

2.3.1.3. Training. Completion of appropriate Core Tasks specified in the STS is mandatory.

2.3.1.4. Experience. Completion of appropriate 7-level Core Tasks as identified in the STS for one MDS, and qualification in and possession of AFSC 2A551, as well as duty position requirements identified by the supervisor.

2.3.1.5. Other. For entry into this specialty, normal color vision as defined in AFI 48-123, *Medical*

Examination and Standards is required. See Attachment 4 of the AFECD for additional entry requirements. Must maintain local network access IAW AFI 17-130, *Cybersecurity* and AFMAN 17-1301, *Computer Security*. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSC 2A5X1, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI DoDMAN5200.02 and AFMAN16-1405, *Personnel Security Program Management*.

2.3.2. Training Sources. Seven-level upgrade training will be completed and conducted by certified trainers using AF Core Tasks and unit/MAJCOM specific courses.

2.3.3. Supervisor/Training Manager Input. Utilize Table 5.2 *Base/Unit Education and Training Manager Checklist* as applicable to facilitate upgrade actions.

2.3.4. Implementation. Units utilize the STS to perform training to the 7-level. Upgrade to the 7-level requires completion of all Core Tasks as identified in the STS for one MDS, and promotion to SSgt.

2.4. Superintendent Level Training (9):

2.4.1. Specialty Qualification. This information is derived from official specialty description in the AFECD.

2.4.1.1. Knowledge. Knowledge is mandatory of: electrical and mechanical principles applying to aircraft and SE; concepts and application of maintenance directives; maintenance data reporting; interpreting and use of maintenance data reports and technical orders; Air Force supply procedures; resource management; and proper handling, use, and disposal of hazardous waste and materials.

2.4.1.2. Education. Not used.

2.4.1.3. Training. Not used.

2.4.1.4. Experience. For award of AFSC 2A590, qualification in and possession of AFSC 2A27X, 2A57X, 2A87X, 2A97X, 2A6X1C is mandatory. Experience is mandatory in the following areas: the management of maintenance efforts on aircraft and aircraft systems; evaluating maintenance, interpreting and resolving technical problems; analyzing system and component failures and inspection results; and the management and projection of funds to support maintenance efforts.

2.4.1.5. Other. For award and retention of these AFSCs: Must maintain local network access IAW AFI 17-130, *Cybersecurity* and AFMAN 17-1301, *Computer Security*. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSCs 2A500/2A590, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI DoDMAN5200.02_AFMAN16-1405, *Personnel Security Program Management*.

2.4.2. Training Sources. No formal training is required. Qualification training and experience inherent in career specialty job performance are desired sources of training.

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

SECTION D - RESOURCE CONSTRAINTS

There are no resource constraints identified for training in this AFSC.

SECTION E - TRANSITIONAL TRAINING GUIDE

There is currently no transition training requirement. This area is reserved.

PART II

SECTION A – SPECIALTY TRAINING STANDARD

1. Implementation. These STS attachments will be used for technical training provided by AETC for classes beginning after 1 April 2021.

2. Purpose. As prescribed in AFI 36-2670, this STS:

2.1. Column 1 (Task, Knowledge, and Technical Reference) lists 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. Column 2 (Core Tasks) identifies, by either 5 or 7, specialty-wide training requirements. Core Tasks identified with a 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required. 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 that are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for Core Task training).

2.2.2. For units with more than one MDS aircraft, upgrade trainees need only complete Core Tasks on a single MDS. MFMs, unit commanders, and/or supervisors may require trainees to complete Core Task training on additional MDS 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 MDS aircraft. All units are bound by the requirements in this CFETP and will accommodate Core Task trainees from other units.

2.3. Column 3 (Certification for OJT) provides certification for OJT and is used to record completion of tasks and knowledge training requirements. Use IMDS/G081 or electronic training records to document technician qualifications, if available. Task certification must show a certification or completed date.

2.4. Column 4 (Proficiency Codes) shows formal training and correspondence course requirements. Also shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task and knowledge and the career knowledge provided by the correspondence course.

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

4. Job Qualification Standard. The STS becomes a Job Qualification Standard (JQS) for OJT when placed in AF Form 623, *On-The-Job Training Record*, and used according to AFI 36-2670. 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:

4.1. Documentation. Document and certify completion of training IAW AFI 36-2650 and AFI 36-2670. Units converted to electronic training records will use this system to document training. IMDS or

G081 will continue to be used to document ancillary training and other training currently maintained in these data systems. Use of Part II and Attachments 1 and 2 of this CFETP are mandatory in individual training records where paper training records are the primary method of documenting training.

4.1.1. Transcribing from Old CFETP to New CFETP. All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, transcribing of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. Document and certify all previous and current training IAW AFI 36-2650 and AFI 36-2670.

5. STS. A guide for development of promotion tests used in the WAPS. SKTs are developed at the AETC Airman Advancement Division 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 Enlisted Promotions References and Requirements Catalog. Individual responsibilities are in AFMAN 36-2664, *Personnel Assessment Program*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

6. Recommendations. Report unsatisfactory performance of individual course graduates to the AETC training manager at 362 TRS, 613 10th Ave, Sheppard AFB TX, 76311-2352, DSN 736-6184, or the 82TRG Customer Service Information Line at DSN 736-5236 or e-mail: 82trgsil@us.af.mil Please reference specific STS paragraphs.

SECTION B - COURSE OBJECTIVE LIST (COL)

1. Introduction. Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is comprised of a condition, behavior, and standard that states what is expected of the student for each task. The condition is the setting in which the training takes place (i.e. TOs, 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. AETC course objectives and associated information are published in the Plan of Instruction (POI) for each of the courses identified in Section D, below, *Training Course Index*.

2. Measurement. Each objective is indicated as follows: **W** indicates task or subject knowledge, which is measured using a written test. **PC** indicates required task performance, which is measured with a performance progress check. **PC/W** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

3. Standard. The minimum standard for written examinations is 70%. Standards for performance measurement are indicated in the objective and delineated 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.

4. 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 the STS Attachment 1 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.

5. Course Objectives List. A detailed listing of initial skills or craftsman courses are listed in Section D tables 2.1 and 2.2 and a complete list of objectives may be obtained by submitting a written request to the identified course OPR in Section D, paragraph 1. Course descriptions can be found on line in the Education and Training Course Announcements (ETCA). The URL for ETCA is:
<https://cs2.eis.af.mil/sites/app10-ETCA>.

SECTION C - SUPPORT MATERIAL

1. Support Material. Interactive Courseware (ICW) is available from the 367 TRS/TRSS at Hill AFB, Utah. Visit their web site at <https://367trss.hill.af.mil/Home/Index> to view available courses. Their customer service number is DSN 586-4014. To request ordering information on hardware, your MAJCOM training POC (for ACC, AMC, and ANG) is the first stop. For personnel in other MAJCOMs, contact them directly and they will provide you the information required for purchasing the item through them.

SECTION D - TRAINING COURSE INDEX

1. Purpose. This section of the CFETP identifies training courses available for the 2A5X1 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 as indicated:

OPR: 362 TRS/TRR	372 TRS/TRR
613 10th Avenue	917 Missile Rd, Suite 200
Sheppard AFB, TX 76311-2352	Sheppard AFB, TX 76311-2852
DSN 736-1411	DSN 736-4794

For questions regarding training courses or STS content, contact the course training manager or the respective Training Group (TRG) Customer Service Information Line:

82 TRG: DSN 736-5236	982 TRG: DSN 736-4687
e-mail: 82trgcsil@us.af.mil	

2. Air Force In-resident Courses:

Table 2.1 Enlisted Initial Skills Courses					
Course Number	Course Title	Location	OPR	USER	Course Length
J3AQR2A531A005D	Aerospace Maintenance Apprentice(C-40) (Attachment 2 only)	Sheppard AFB, TX	362 TRS	USAF	24
J3ABR2A531B017C/ J3AQR2A531B017C	Aerospace Maintenance Apprentice (C-130)	Sheppard AFB, TX	362 TRS	USAF	70
J3ABR2A531C004D/ J3AQR2A531C004D	Aerospace Maintenance Apprentice (C-5) (Attachment 2 only)	Sheppard AFB, TX	362 TRS	USAF	24
J3ABR2A531D007D/ J3AQR2A531D007D	Aerospace Maintenance Apprentice (C-17) (Attachment 2 only)	Sheppard AFB, TX	362 TRS	USAF	24

Right Time Training

Right Time Training (RTT) is a new approach that focuses on providing new Airmen the right skill set, at the right time in their career, and at the right location for them to make immediate impact for mission execution. Upon completion of the RTT course, Airmen will be capable of completing targeted maintenance tasks to support daily sortie generation.

Under the RTT construct, Active Duty Airmen will be awarded their 3-level qualification in their respective AFSC prior to departing Sheppard AFB through a Type-3 course. After completion of this course, the Airmen will subsequently attend targeted weapons system training during a required Type-4 RTT course taught by the Field Training Detachment (FTD) at their first permanent duty location. Active Duty en-route Airmen, installations with low flow 3-level crew chiefs, and Airmen assigned where there are no FTDs located will attend Type-4 RTT courses at regionalized locations.

ANG and AFRC students will be awarded their 3-level qualification through a Type-4 FTD course at regionalized locations.

RTT tasks are selected by the Lead MAJCOM in coordination with using MAJCOMs and incorporated into a Type-4 FTD course for each weapons system. The course will be identified on each command's MAJCOM Mandatory Course Listing (MMCL), which are developed and approved per weapons system by MAJCOM Functional Managers (MFM). Once the MMCL requirements are established by the MFM, the FTD will train and qualify Airmen within each respective aircraft RTT course.

When available, the following courses are required for all Active Duty Airman in their respective AFSC/Shred:

1. J4AMP2A531B017X, C-130 Aerospace Maintenance (Right Time Training)
2. J4AMP2A531CM04X, C-5 Aerospace Maintenance (Right Time Training)
3. J4AMP2A531D007X, C-17 Aerospace Maintenance (Right Time Training)

When available, the following courses are required for all ANG and AFRC in their respective AFSC:

1. J4ABP2A531B017X, C-130 Aerospace Maintenance (Right Time Training)
2. J4ABP2A531CM04X, C-5 Aerospace Maintenance (Right Time Training)
3. J4ABP2A531D007X, C-17 Aerospace Maintenance (Right Time Training)

Ultimately, the goal of Right Time Training is to provide the required skills needed for the operational environment. Each Airman will receive the right training applicable to their host's mission at the right time in their career, making them immediately impactful to daily sortie generation. Lastly, by eliminating dwell time between training and their first day on the job, Airmen will be more efficient at retaining learned skills and will prove more effective at mission execution.

FTD will sign off tasks in which the student reaches the required (3c) proficiency level identified by the Lead MAJCOM MFM. FTD retains the right to qualify/not qualify tasks in TBA based on the instructor's assessment of the student's ability to translate training received into performance in an operational environment. For those tasks trained to the required level, but the Airman does not meet the qualification condition, the FTD instructor will document a training start date in TBA or an AF Form 797 and add comments detailing why the qualification was not accomplished.

NOTE: For further information on supplemental courses, contact the OPR as indicated.

OPR: 362 TRS/TRR	372 TRS	373 TRS
613 10th Avenue	917 Missile Rd, Suite 200	917 Missile Rd, Suite 200
Sheppard AFB, TX 76311	Sheppard AFB, TX 76311	Sheppard AFB, TX 76311
DSN 736-1411	DSN 736-4797	DSN 736-4755

Website: <https://cs2.eis.af.mil/sites/app10-ETCA>

Table 2.2 Supplemental Courses			
Supplemental Course Number	Course Title	OPR	User
J3AZR2AXXX 0W1B	Weight and Balance Practical	362 TRS	USAF
J7AZT2AXXX 0W1B	Weight and Balance Practical (MTT)	362 TRS	USAF
J3AAR2AXXX 048B	Crash Damaged or Disabled Aircraft Recovery	362 TRS	USAF

3. Exportable Courses:

367 TRSS course information can be found on their web-site: <https://367trss.hill.af.mil/Home/Index>

The following course can be found on the ETCA website, available through AETC Advanced Distributed Learning Service (ADLS):

OPR: 362 TRS/TRR
613 10th Avenue
Sheppard AFB, TX 76311-2352
DSN 736-1411

Table 3.1 Exportable Courses			
Course Number	Course Title/Media	OPR	User
J6ANW2AXXX 0W1A	Weight and Balance (General)	362 TRS	USAF

4. Courses Under Development/Revision. Courses currently under development are the Maintenance Functional Development, Quality Assurance Aircraft and Career Development Program courses.

SECTION E - MAJCOM UNIQUE REQUIREMENTS

For MAJCOM unique requirements, refer to the MAJCOM mandatory course lists.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

WARREN D. BERRY
Lieutenant General, USAF
DCS/Logistics, Engineering and Force Protection

7 STS Attachments

1. Proficiency Code Key
2. Aircraft Maintenance Common Training Requirements
3. 2A5X1A, C-40 Qualitative Requirements
4. 2A5X1A, E-4/VC-25 Qualitative Requirements
5. 2A5X1B, C-130 Qualitative Requirements
6. 2A5X1C, C-5 Qualitative Requirements
7. 2A5X1D, C-17 Qualitative Requirements

Name Of Trainee		
Printed Name (<i>Last, First, Middle Initial</i>)	Initials (Written)	SSAN (last four only)
Printed Name Of Training/Certifying Official And Written Initials		
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	
<i>N/I</i>	<i>N/I</i>	

QUALITATIVE REQUIREMENTS

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

Explanations:

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

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

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

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

Note: All Tasks and knowledge items taught in the initial skills course are trained during war time.

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AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
NOTE 1: Users are responsible for annotating training references pending STS revision. NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time. NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.											
A2.1.	CAREER LADDER PROGRESSION TR: AFI 36-2101										
A2.1.1	Progression in career ladder							A			
A2.1.2	Duties of AFS							A			
A2.2.	OPERATIONS SECURITY (OPSEC) VULNERABILITY OF AFSC TR: AFI 10-701										
A2.2.1	Purpose of OPSEC							A			
A2.3.	AF CONSOLIDATED OCCUPATIONAL SAFETY INSTRUCTION TR: AFI 21-101, AFMANs 91-203 and 11-218; TOs 00-25-172, 1-1-691, and applicable aircraft TOs										
A2.3.1	Housekeeping consistent with safety of personnel and equipment							A			
A2.3.2.	Safety precautions pertaining to aircraft maintenance										
A2.3.2.1	Engine air intake and exhaust							A			
A2.3.2.2	High intensity sound							A			
A2.3.2.3	Turbine, propeller, and rotor plane of rotation							A			
A2.3.2.4	Radio frequency radiation							A			
A2.3.2.5	Ground handling of aircraft							A			
A2.3.2.6	Hot brakes							A			
A2.3.2.7	Use of tools and equipment							A			
A2.3.2.8	Servicing aircraft systems							A			
A2.3.2.9	Cleaning agents							A			
A2.3.2.10	Solvents							A			
A2.3.2.11	Lubricants							A			
A2.3.2.12	High pressure gasses							A			
A2.3.2.13	Aircraft explosive equipment							A			
A2.3.2.14	Composite materials							A			
A2.3.2.15	Maintenance resource management							-			
A2.3.2.16	Electrostatic hazards, static grounding and bonding TR: TOs 00-25-172 and 00-25-234							A			
A2.3.2.17	Purpose of fall protection/prevention							A			
A2.3.3.	Portable ground fire extinguishers TR: AFI 32-2001; TO 00-25-172										

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.3.3.1 Perform pre-use inspection	5							2b			
A2.3.3.2 Position								-			
A2.3.3.3 Operate								-			
A2.3.4 Aircraft Damage Prevention											
A2.3.4.1 Foreign Object Damage (FOD) prevention program								A			
A2.3.4.2 Dropped object prevention program								A			
A2.3.5. Hazardous chemicals TR: AFI 90-821 and AFMAN 91-203											
A2.3.5.1 Use								A			
A2.3.5.2 Disposal								A			
A2.3.5.3 Hazard communication training program								-			
A2.3.5.4 Hazardous material handling procedures								A			
A2.3.6 AFTO Form 492, Mx Warning Tag TR: TO 00-20-1								A			
A2.4. MAINTENANCE DIRECTIVES, REFERENCES, & INSTRUCTIONS TR: AFI 33-360; TO 00-5 series as applicable											
A2.4.1 TO system								A			
A2.4.2 Air Force manuals and instructions								A			
A2.4.3 Use technical orders (except HH-60)								1b			
A2.4.4 TO improvement reporting								-			
A2.4.5 Technical order management								-			
A2.5. SUPERVISION TR: AFI 21-101 and AFTTP 3-4.21V1											
A2.5.1 Plan work schedules								-			
A2.5.2 Schedule maintenance								-			
A2.5.3 Supervise personnel accomplishing maintenance								-			
A2.5.4. Establish											
A2.5.4.1 Work methods								-			
A2.5.4.2 Work controls								-			
A2.5.4.3 Performance standards								-			
A2.5.5 Evaluate work performance of subordinate personnel								-			
A2.6. TRAINING TR: AFIs 36-2650 and 36-2670											
A2.6.1 Evaluate personnel for training								-			
A2.6.2 Plan and supervise OJT								-			
A2.6.3 Counsel trainees on training progress								-			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.6.4	Prepare AF Form 797							-			
A2.6.5	Document training records							-			
A2.6.6	Purpose and use of Career Field Education and Training Plan (CFETP)							A			
A2.7	MAINTENANCE MANAGEMENT TR: AFIs 21-101, 21-103 and 90-201; AFMAN 23-122										
A2.7.1	Basic functions within maintenance							A			
A2.7.2	Resource management							-			
A2.7.3	Personnel management							-			
A2.7.4	Maintenance incident investigation and prevention							-			
A2.7.5	Determine and report aircraft status							-			
A2.7.6	Maintenance Performance Indicators (MPI) relationships							-			
A2.8.	MAINTENANCE DATA DOCUMENTATION (MDD) TR: AFI 21-101; TO 00-20 Series; Applicable aircraft -06 Work Unit Code Manuals; Integrated Maintenance Data System (IMDS) on- line help screens; G0-81 on-line help screens										
A2.8.1	MDD Fundamentals							A			
A2.8.2.	Aircraft and supporting maintenance records										
A2.8.2.1	Purpose							A			
A2.8.2.2	Automated Forms							A			
A2.8.2.3	Document AFTO Form 781H (except HH-60)							1b			
A2.8.2.4	Document AFTO Form 781A (except HH-60)							1b			
A2.8.2.5	Document AFTO Form 781J (except HH- 60)							1b			
A2.8.2.6	Document AFTO Form 781K (except HH-60)							1b			
A2.8.2.7	Document AFTO Form 781F (except HH- 60)							1b			
A2.8.2.8	Document other AFTO 781 series forms							-			
A2.8.2.9	Document AFTO Form 244/245							1b			
A2.8.2.10	Document AFTO Form 350 (except HH-60)							1b			
A2.8.2.11	Document AFTO Form 349							-			
A2.8.2.12	Document AFTO Form 95							-			
A2.8.3.	Maintenance Information Systems (MIS)										

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.8.3. Purpose								A			
A2.8.3.2. Job data documentation (JDD)											
A2.8.3.2.1 Purpose								-			
A2.8.3.2.2 Access JDD								-			
A2.8.3.2.3 Create maintenance event								-			
A2.8.3.2.4 Defer maintenance event								-			
A2.8.3.2.5 Schedule maintenance event								-			
A2.8.3.2.6 Close maintenance event								-			
A2.8.3.2.7 Use IMDS								-			
A2.8.3.3. G0-81											
A2.8.3.3.1 Purpose								-			
A2.8.3.3.2 Access JDD								-			
A2.8.3.3.3 Create maintenance event								-			
A2.8.3.3.4 Defer maintenance event								-			
A2.8.3.3.5 Schedule maintenance event								-			
A2.8.3.3.6 Close maintenance event								-			
A2.8.3.3.7 Use G0-81								-			
A2.8.4 Historical records								-			
A2.8.5 Configuration management								-			
A2.9. MAINTENANCE MATERIALS/TOOLS TR: AFI 21-101; TOs 1-1A-8, 1-1A-14, 1-1-691 and TO 32 series as applicable											
A2.9.1 Tool control								A			
A2.9.2 Select and use special tools								-			
A2.9.3 Process Test, Measurement, and Diagnostic Equipment (TMDE)								-			
A2.9.4. Hardware											
A2.9.4.1 Purpose								A			
A2.9.4.2 Remove/inspect/install								2b			
A2.9.5. Electrical connectors											
A2.9.5.1 Purpose								A			
A2.9.5.2 Connect/disconnect								2b			
A2.9.6. Securing devices											
A2.9.6.1 Purpose								A			
A2.9.6.2 Install/remove safety wire								2b			
A2.9.6.3 Install/remove cotter pins								2b			
A2.9.6.4 Safety cable								A			
A2.9.7 Lubricants								A			
A2.9.8 Sealants								A			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.9.9 Adhesives								A			
A2.9.10 Cleaning agents								A			
A2.9.11. Hand tools											
A2.9.11.1 Purpose								A			
A2.9.11.2 Select, inspect and use								2b			
A2.9.12. Measuring tools											
A2.9.12.1 Purpose (to include Prevailing Torque)								A			
A2.9.12.2 Select and use ruler								2b			
A2.9.12.3 Select and use thickness gauge								2b			
A2.9.12.4 Use multi-meter								-			
A2.9.12.5 Select, inspect and use torque wrench (to include Prevailing Torque)								1b			
A2.9.12.6 Select and use micrometer								-			
A2.9.12.7 Use depth gauge								2b			
A2.10. RESPONSIBILITY FOR SUPPLY TR: AFI 21-101; AFMAN 23-122; TOs 00-20-3 and 00-35D-54											
A2.10.1 Maintenance supply concept								A			
A2.10.2 Standard Base Supply System (SBSS)								-			
A2.10.3 Special requisition (GPC, local purchase)								-			
A2.10.4 Ordering parts								A			
A2.10.5 Priority system								A			
A2.10.6 Prepare repairable and serviceable parts for turn-in								-			
A2.10.7 Repair cycle assets								-			
A2.10.8 Due-in From Maintenance (DIFM) Control								A			
A2.10.9 Local manufacture of parts								-			
A2.10.10 Equipment account management								-			
A2.10.11 Deficiency reporting								-			
A2.10.12 Warranty programs								-			
A2.10.13 DD Forms 1574, 1575, 1576, 1577 and 1577-2 Condition Tags)								A			
A2.10.14 Classified asset handling								-			
A2.11. AIRCRAFT GENERAL TR: AFMAN 11-218; TOs 00-20-1, 00-25-172, 1-1-691, 1-1B-50 and applicable aircraft TOs											
A2.11.1 Weight and balance								A			
A2.11.2 Determine weight and balance requirements								-			
A2.11.3 Inventory aircraft equipment								-			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.11.4	Safe aircraft for maintenance							A			
A2.11.5.	Corrosion control program										
A2.11.5.1	Aircraft cleaning							A			
A2.11.5.2	Corrosion identification							A			
A2.11.5.3	Corrosion treatment							A			
A2.11.5.4	Aircraft lubrication							A			
A2.11.6.	Aircraft inspections										
A2.11.6.1	Concepts and types							A			
A2.11.6.2	Non-Destructive Inspections (NDI)							A			
A2.11.6.3	Borescope							A			
A2.11.7.	Fundamentals of ground handling										
A2.11.7.1	Jacking							A			
A2.11.7.2	Towing							A			
A2.11.7.3	Mooring							A			
A2.11.8	Aircraft marshalling signals	5						2b			
A2.11.9	Crash Damaged, or Disabled Aircraft Recovery (CDDAR)							A			
A2.11.10	Perform inclement/cold weather procedures TR: TO 42C-1-2S-2							-			
A2.11.11	De-ice aircraft: TR: TO 42C-1-2S-2, 14CFR121.629 section 121.629							-			
A2.11.12	Debrief aircrews							-			
A2.11.13.	Aircraft guarded switches										
A2.11.13.1	Design/function/proper identification							A			
A2.11.13.2	Remove and replace covers							-			
A2.11.13.3	Operational check							-			
A2.11.14	Aircraft Battle Damage Repair (ABDR) TR: 1-1H-39							-			
A2.12.	AIRFRAME										
	TR: Applicable aircraft TOs										
A2.12.1	Structure							A			
A2.12.2	Remove/inspect/install panels							1b			
A2.12.3	Inspect structural components							-			
A2.13.	LANDING GEAR (except HH-60)										
	TR: Applicable aircraft TOs										
A2.13.1	System fundamentals							A			
A2.13.2.	Service										
A2.13.2.1	Shock strut							1b			
A2.13.2.2	Tire							1b			
A2.13.3.	Remove/install										
A2.13.3.1	Wheel and tire assembly							1b			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.13.3.2 Brake assembly								1b			
A2.13.4 Brake bleeding								A			
A2.14. UTILITIES (except HH-60) TR: Applicable aircraft TOs											
A2.14.1. System fundamentals											
A2.14.1.1 Oxygen								A			
A2.14.1.2 Bleed air								A			
A2.14.1.3 Pressurization								A			
A2.14.1.4 Air conditioning								A			
A2.14.1.5 Fire/overheat warning								A			
A2.14.1.6 Fire suppression								A			
A2.15. FLIGHT CONTROLS TR: Applicable aircraft TOs											
A2.15.1 Fundamentals of flight								A			
A2.15.2 Primary flight control fundamentals (except HH-60)								A			
A2.15.3 Secondary flight control fundamentals (except HH-60)								A			
A2.15.4 Component identification								A			
A2.15.5 Operate flight controls (except HH-60)								1a			
A2.16. HYDRAULICS TR: TO 1-1A-8 and applicable aircraft TOs											
A2.16.1 System fundamentals								A			
A2.16.1.1 Hydraulic schematics/diagrams								A			
A2.16.2. Remove/install components											
A2.16.2.1 Tubing/hoses								-			
A2.16.2.2 Fittings								-			
A2.16.2.3 Filter elements								-			
A2.17. ENGINES TR: Applicable aircraft TOs											
A2.17.1 System fundamentals								A			
A2.17.2 Component identification								A			
A2.17.3 Oil system servicing								A			
A2.17.4 Joint oil analysis program								-			
A2.18. FUELS TR: AMAN 91-203; TOs 00-25-172, 1-1-3 and applicable aircraft TOs, Applicable AFOSH standards											
A2.18.1 System fundamentals								A			
A2.18.2 Classify fuel leaks								A			
A2.19. ELECTRICAL TR: Applicable aircraft TOs											
A2.19.1 AC electrical system fundamentals								A			
A2.19.2 DC electrical system fundamentals								A			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.19.3 Wire repair								-			
A2.19.4 Fiber optics								-			
A2.19.5 Electrical bonding								-			
A2.19.6 Databus								-			
A2.19.7 Electrical schematics / diagrams								A			
A2.20. SUPPORT EQUIPMENT TR: AFMAN 91-203; TO 35A3 series as applicable, equipment TOs											
A2.20.1 Maintenance stands											
A2.20.1.1 Purpose and description								A			
A2.20.1.2 Perform pre-use inspection and operate								2b			
A2.20.2. Self-propelled universal platforms											
A2.20.2.1 Purpose and description								-			
A2.20.2.2 Perform pre-use inspection and operate								-			
A2.20.3. Aircraft jacks TR: TO 35A2 series as applicable											
A2.20.3.1 Purpose and description								A			
A2.20.3.2 Perform pre-use inspection and operate								2b			
A2.20.4. Jacking manifold TR: TO 35A2 series as applicable											
A2.20.4.1 Purpose and description								-			
A2.20.4.2 Perform pre-use inspection and operate								-			
A2.20.5. Oxygen servicing equipment TR: TO 15X-1-1and 37C2-8 series as applicable											
A2.20.5.1. Liquid oxygen (LOX)											
A2.20.5.1.1 Purpose and description								A			
A2.20.5.1.2 Perform pre-use inspection and operate								-			
A2.20.5.2. Gaseous oxygen (GOX) (except HH- 60)											
A2.20.5.2.1 Purpose and description								A			
A2.20.5.2.2 Perform pre-use inspection and operate								-			
A2.20.6. Diesel air compressors TR: TO 34Y1 series as applicable											
A2.20.6.1 Purpose and description								A			
A2.20.6.2 Perform pre-use inspection and operate								-			
A2.20.7. Ground heaters TR: TO 35E7 series as applicable											
A2.20.7.1 Purpose and description								A			
A2.20.7.2 Perform pre-use inspection and operate								-			
A2.20.8. Lighting equipment											

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TO 35F5 series as applicable											
A2.20.8.1 Purpose and description								A			
A2.20.8.2 Perform pre-use inspection and operate								2b			
A2.20.9. Hydraulic test stand TR: TO 33A2 series as applicable											
A2.20.9.1 Purpose and description								A			
A2.20.10. Air conditioning units TR: TO 35E9 Series as applicable											
A2.20.10. Purpose and description								A			
A2.20.11. Ground generator sets/gas turbine compressors											
A2.20.11.1. A/M32A-60 gas turbine generator set/gas turbine compressor TR: TO 35C2 series as applicable (except HH-60)											
A2.20.11.1.1 Purpose and description								A			
A2.20.11.1.2 Perform pre-use inspection and operate								2b			
A2.20.11.2. A/M32A-95 gas turbine compressor (except HH-60) TR: TO 35D12series as applicable											
A2.20.11.2.1 Purpose and description								A			
A2.20.11.3. Diesel driven generator sets TR: TO 35C2 series as applicable											
A2.20.11.3.1 Purpose and description								A			
A2.20.11.3.2 Perform pre-use inspection and operate (except HH-60)								2b			
A2.20.12. Tow bar TR: Applicable aircraft TOs											
A2.20.12.1 Purpose and description								A			
A2.20.12.2 Connect/disconnect								-			
A2.20.13. Tow vehicles TR: TO 36A10 series as applicable											
A2.20.13.1 Purpose and description								A			
A2.20.13.2 Perform pre-use inspection and operate								-			
A2.20.14. Self-generating nitrogen equipment TR: TO 35D29-7-6-1											
A2.20.14.1 Purpose and description								A			
A2.20.14.2 Perform pre-use inspection and operate								2b			
A2.20.15. Gaseous nitrogen servicing equipment TR: TO 35D3 series as applicable											
A2.20.15.1 Purpose and description								A			
A2.20.15.2 Perform pre-use inspection and operate								-			
A2.20.16. Engine stands and dollies TR: TO 35D3 series as applicable											
A2.20.16.1 Purpose and description								A			

AIRCRAFT MAINTENANCE COMMON TRAINING REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A2.20.16.2 Perform pre-use inspection and operate								-			

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C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl

NOTE 1: Use this attachment in conjunction with STS 2A5X1 Attachment 2.

NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time.

NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.

A3.1. AIRCRAFT GENERAL											
A3.1.1. Safety precautions TR: AF Form 55								-			
A3.1.1.1. Safe for maintenance TR: C40 Aircraft Maintenance Manual (AMM) 05-05								-			
A3.1.1.1.1 Perform safe for maintenance procedure	5							-			
A3.1.1.1.2 Statically ground aircraft	5							-			
A3.1.1.1.3 Remove/install ground safety locks								-			
A3.1.1.2 Danger areas	5							-			
A3.1.1.3 Radar								-			
A3.1.1.4 Large Aircraft Infrared Counter Measure (LAIRCM) equipped aircraft								-			
A3.1.1.5 Determine aircraft weight and balance for maintenance	7							-			
A3.1.2. Maintenance Data Documentation (MDD) TR: TO 00-20-1								-			
A3.1.2.1 Document AFTO Form 781H	5							-			
A3.1.2.2 Document AFTO Form 781A	5							-			
A3.1.2.3 Document AFTO Form 781J	5							-			
A3.1.2.4 Document AFTO Form 781K								-			
A3.1.2.5 Document AFTO Form 781F	5							-			
A3.1.3. Perform inspections TR: C40 AMM 05								-			
A3.1.3.1 Basic post flight/preflight	5							-			
A3.1.3.2 Thru-flight	5							-			
A3.1.3.3 Pre-departure launch check	5							-			
A3.1.3.4 Acceptance/transfer								-			
A3.1.3.5 Conditional exceptional release								-			
A3.1.3.6 A-check								-			
A3.1.4. Perform special inspections TR: C40 AMM 05-51											
A3.1.4.1 Hard landing inspection								-			
A3.1.4.2 Hot brake inspection								-			
A3.1.4.3 Bird/hail strike								-			
A3.1.4.4 Lightning strike								-			
A3.1.5. Ground handling TR: AFMAN 11-218; C40 AMM CH 12; Line Service Manual (LSM) 05-05								-			
A3.1.5.1 Launch aircraft	5							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References		2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
		Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.1.5.2	Recover aircraft	5							-			
A3.1.5.3	Perform aircraft cold weather procedures	7							-			
A3.1.6.	Tow aircraft TR: C40 AMM CH 09								-			
A3.1.6.1	Perform tow vehicle operator duties								-			
A3.1.6.2	Perform wing walker duties	5							-			
A3.1.6.3	Perform tail walker duties	5							-			
A3.1.6.4	Perform brake operator duties	5							-			
A3.1.6.5	Perform tow team supervisor duties	7							-			
A3.1.7.	Aircraft jacking TR: C40 AMM CH 07								-			
A3.1.7.1	Perform jack operator duties								-			
A3.1.7.2	Perform jacking supervisor duties								-			
A3.1.7.3	Perform leveling scale duties								-			
A3.1.7.4	Perform axle jacking duties	5							-			
A3.1.8.	Aircraft configurations TR: C40 AMM CH 25								-			
A3.1.8.1	Concepts (passenger/personnel)								-			
A3.1.8.2	Distinguished Visitor (DV)								-			
A3.1.9	Maintenance directives, references and instructions								-			
A3.1.9.1	Use C-40 commercial manuals Portable Maintenance Aid (PMA), LSM, Component Maintenance Manual (CMM) and Minimum Equipment Listing (MEL)	5							-			
A3.1.9.2	Concepts (Integrated Fleet Support (IFS), In-Service Support Plan (ISSP))	5							-			
A3.1.9.3	Concepts (Service bulletins, service letters, airworthy directives and Service Action Review Board (SARB) process)	5							-			
A3.1.9.4	Concepts (Federal aviation regulations)	5							-			
A3.1.9.5	Use methods and procedures technical orders	5							-			
A3.1.10.	Extended Range Twin Operations (ETOPS) TR: Boeing ETOPS Guide Vol I, II, & III, C-40 MEL, and FAA Advisory Circular 120- 42B								-			
A3.1.10.1	ETOPS concepts and principles	5							-			
A3.1.10.2	Apply ETOPS concepts	5							-			
A3.1.11.	Reduced Vertical Separation Minimums (RVSM) TR: Federal Aviation Regulation (FAR) 91 Appendix G, FAA RVSM- 91-85 Advisory Circular (AC)								-			
A3.1.11.1	RVSM concepts and principles	5							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.1.11.2 Apply RVSM concepts	5							-			
A3.2. AIRFRAME TR: C-40 AMM; Fault Isolation Manual (FIM) CH 51, 53, 54, 55, and 57								-			
A3.2.1 Fundamentals, components and system operation								-			
A3.2.2 Describe dimensions and areas	5							-			
A3.2.3 Inspect static dischargers								-			
A3.2.4. Open/close								-			
A3.2.4.1 Radome								-			
A3.2.4.2 Fan cowl								-			
A3.2.4.3 Access panels and doors								-			
A3.2.5. Remove/install								-			
A3.2.5.1 Radome								-			
A3.2.5.2 Access panels and doors								-			
A3.2.5.3 Tailcone								-			
A3.2.5.4 Fillet fairings								-			
A3.2.5.5 Passenger cabin floors								-			
A3.2.5.6 Fan cowl								-			
A3.2.6. Aircraft doors TR: C-40C AMM and CH 52								-			
A3.2.6.1 Fundamentals, components and system operation								-			
A3.2.6.2. Cabin entry doors								-			
A3.2.6.2.1 Inspect								-			
A3.2.6.2.2 Open/close	5							-			
A3.2.6.2.3 Troubleshoot								-			
A3.2.6.2.4 Remove/install door								-			
A3.2.6.2.5 Adjust/rig door								-			
A3.2.6.3. Cargo doors								-			
A3.2.6.3.1 Inspect								-			
A3.2.6.3.2 Open/close	5							-			
A3.2.6.3.3 Troubleshoot								-			
A3.2.6.3.4 Remove/install door								-			
A3.2.6.3.5 Adjust/rig door								-			
A3.2.6.4. Over wing exit door (emergency exit door)								-			
A3.2.6.4.1 Inspect								-			
A3.2.6.4.2 Open/close	5							-			
A3.2.6.4.3 Troubleshoot								-			
A3.2.6.4.4 Remove/install door								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.2.6.4.5 Adjust/rig door								-			
A3.2.6.5. Electronic equipment compartment door								-			
A3.2.6.5.1 Inspect								-			
A3.2.6.5.2 Open/close	5							-			
A3.2.6.5.3 Troubleshoot								-			
A3.2.6.5.4 Remove/install door								-			
A3.2.6.5.5 Adjust/rig door								-			
A3.2.6.6. Forward electronic equipment bay door								-			
A3.2.6.6.1 Inspect								-			
A3.2.6.6.2 Open/close	5							-			
A3.2.6.6.3 Troubleshoot								-			
A3.2.6.6.4 Remove/install door								-			
A3.2.6.6.5 Adjust/rig door								-			
A3.2.7. Windows TR: C-40 AMM and FIM CH 56								-			
A3.2.7.1 Fundamentals, components and system operation								-			
A3.2.7.2. Flight deck windows								-			
A3.2.7.2.1 Inspect								-			
A3.2.7.2.2 Open/close	5							-			
A3.2.7.2.3 Remove/install								-			
A3.2.7.2.4 Adjust/rig sliding window								-			
A3.2.7.3. Cabin windows								-			
A3.2.7.3.1 Inspect								-			
A3.2.7.3.2 Remove/install								-			
A3.3. LANDING GEAR SYSTEMS TR: C-40 AMM; FIM and LSM CH 32								-			
A3.3.1 Fundamentals, components and system operation								-			
A3.3.2. Main landing gear								-			
A3.3.2.1 Inspect	5							-			
A3.3.2.2 Operate system								-			
A3.3.2.3 Adjust/test system								-			
A3.3.2.4 Troubleshoot								-			
A3.3.2.5. Remove/install								-			
A3.3.2.5.1 Gear shock strut seals								-			
A3.3.2.5.2 Gear torsion link								-			
A3.3.2.5.3 Gear side strut assembly								-			
A3.3.2.5.4 Gear reaction link assembly								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.3.2.5.5 Gear hydraulic shimmy damper components								-			
A3.3.2.5.6 Gear forward trunnion Assembly								-			
A3.3.2.5.7 Gear downlock strut								-			
A3.3.3. Nose landing gear								-			
A3.3.3.1 Inspect	5							-			
A3.3.3.2 Operate system								-			
A3.3.3.3 Adjust/test system								-			
A3.3.3.4 Troubleshoot								-			
A3.3.3.5. Remove/install								-			
A3.3.3.5.1 Gear shock strut seals								-			
A3.3.3.5.2 Tow fitting								-			
A3.3.3.5.3 Gear drag strut								-			
A3.3.3.5.4 Shock strut inner cylinder								-			
A3.3.3.5.5 Gear torsion links								-			
A3.3.4. Nose wheel steering								-			
A3.3.4.1 Inspect								-			
A3.3.4.2 Operate system	7							-			
A3.3.4.3 Adjust/test system								-			
A3.3.4.4 Troubleshoot								-			
A3.3.4.5. Remove/install								-			
A3.3.4.5.1 Metering valve								-			
A3.3.4.5.2 Rudder pedal steering mechanism								-			
A3.3.4.5.3 Steering system cables								-			
A3.3.4.5.4 Control wheel and tiller assembly								-			
A3.3.4.5.5 Steering actuator								-			
A3.3.4.5.6 Steering summing mechanism								-			
A3.3.4.5.7 Steering collar								-			
A3.3.4.5.8 Rudder pedal steering rotary actuator								-			
A3.3.5. Hydraulic brake system								-			
A3.3.5.1 Inspect	5							-			
A3.3.5.2 Operate system	5							-			
A3.3.5.3 Bleed brake system								-			
A3.3.5.4 Troubleshoot								-			
A3.3.5.5. Remove/install								-			
A3.3.5.5.1 Brake disconnect								-			
A3.3.5.5.2 Brake metering valve control quadrant								-			
A3.3.5.5.3 Brake metering valve assembly								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.3.5.5.4	Main landing gear brake							-			
A3.3.5.5.5	Main landing gear brake sleeve							-			
A3.3.5.5.6	Hydraulic brake accumulator							-			
A3.3.5.5.7	Brake accumulator pressure transmitter							-			
A3.3.5.5.8	Brake accumulator pressure gage (flight compartment)							-			
A3.3.5.5.9	Brake accumulator pressure relief valve							-			
A3.3.5.5.10	Brake hydraulic fuses							-			
A3.3.5.5.11	Hydraulic brake control cable							-			
A3.3.5.5.12	Brake accumulator isolation valve							-			
A3.3.5.5.13	Alternate brake selector valve							-			
A3.3.5.5.14	Brake shuttle valves							-			
A3.3.5.5.15	Brake flow limiters							-			
A3.3.6.	Nose landing gear spin brake							-			
A3.3.6.1	Inspect							-			
A3.3.6.2	Remove/install							-			
A3.3.7.	Anti-skid/auto brake system							-			
A3.3.7.1	Inspect							-			
A3.3.7.2	Operate system							-			
A3.3.7.3	Adjust/test system							-			
A3.3.7.4	Troubleshoot							-			
A3.3.7.5.	Remove/install							-			
A3.3.7.5.1	Antiskid transducer							-			
A3.3.7.5.2	Antiskid/auto brake control unit							-			
A3.3.7.5.3	Antiskid valve							-			
A3.3.7.5.4	Antiskid landing gear lever up switch							-			
A3.3.7.5.5	Autobrake shuttle valve							-			
A3.3.7.5.6	Autobrake pressure control module							-			
A3.3.8.	Parking brake system							-			
A3.3.8.1	Inspect							-			
A3.3.8.2	Operate system	5						-			
A3.3.8.3	Adjust/test system							-			
A3.3.8.4	Troubleshoot							-			
A3.3.8.5.	Remove/install							-			
A3.3.8.5.1	Parking brake linkage							-			
A3.3.8.5.2	Parking brake shutoff valve							-			
A3.3.9.	Position indicating and warning system							-			
A3.3.9.1	Inspect							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.3.9.2	Adjust/test system							-			
A3.3.9.3	Troubleshoot							-			
A3.3.9.4.	Remove/install							-			
A3.3.9.4.1	Main landing gear uplock sensor							-			
A3.3.9.4.2	Main landing gear down-and-locked sensor							-			
A3.3.9.4.3	Nose landing gear lock sensor							-			
A3.3.9.4.4	Nose landing gear down position sensor							-			
A3.3.10.	Air/ground system							-			
A3.3.10.1	Set aircraft into air or ground mode							-			
A3.3.10.2	Adjust/test system							-			
A3.3.10.3	Troubleshoot							-			
A3.3.11.	Tires and wheels							-			
A3.3.11.1	Inspect and determine tire serviceability	5						-			
A3.3.11.2	Remove/install nose wheel and tire assembly	5						-			
A3.3.11.3	Remove/install main wheel and tire assembly	5						-			
A3.3.12.	Service TR: AFMAN 11-218; C-40 AMM; LSM; CH 32, T.O. 00-25-172							-			
A3.3.12.1	Tires	5						-			
A3.3.12.2	Landing gear struts	5R						-			
A3.4.	UTILITY SYSTEMS							-			
A3.4.1	Fundamentals, components and system operation							-			
A3.4.2.	Air conditioning system TR: C-40 AMM and CH 21							-			
A3.4.2.1	Inspect							-			
A3.4.2.2	Operate system	5						-			
A3.4.2.3	Troubleshoot							-			
A3.4.3.	Pressurization system							-			
A3.4.3.1	Inspect							-			
A3.4.3.2	Operate system							-			
A3.4.3.3	Troubleshoot							-			
A3.4.4.	Equipment cooling system							-			
A3.4.4.1	Inspect							-			
A3.4.4.2	Operate system							-			
A3.4.4.3	Troubleshoot							-			
A3.4.5.	Door area heat system							-			
A3.4.5.1	Inspect							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.4.5.2 Operate/test system								-			
A3.4.5.3 Troubleshoot								-			
A3.4.6. Fire protection/overheat warning systems TR: C-40 AMM and FIM CH 26								-			
A3.4.6.1 Fundamentals, components and system operation								-			
A3.4.6.2 Test	5							-			
A3.4.6.3 Inspect								-			
A3.4.6.4 Operate system	5							-			
A3.4.6.5 Troubleshoot								-			
A3.4.6.6. Engine fire detection/extinguishing system								-			
A3.4.6.6.1 Inspect								-			
A3.4.6.6.2 Operate system								-			
A3.4.6.6.3 Troubleshoot								-			
A3.4.6.7. Cargo compartment fire detection/extinguishing system								-			
A3.4.6.7.1 Inspect								-			
A3.4.6.7.2 Operate system								-			
A3.4.6.7.3 Troubleshoot								-			
A3.4.6.8. Portable fire extinguishers								-			
A3.4.6.8.1 Inspect								-			
A3.4.6.8.2 Operate								-			
A3.4.6.9. Wheel well, wing body fire detection operation								-			
A3.4.6.9.1 Inspect								-			
A3.4.6.9.2 Operate system								-			
A3.4.6.9.3 Troubleshoot								-			
A3.4.6.10. Lavatory fire protection								-			
A3.4.6.10.1 Smoke detection operation								-			
A3.4.6.10.2 Inspect								-			
A3.4.6.10.3 Operate system								-			
A3.4.6.10.4 Troubleshoot								-			
A3.4.6.11. Auxiliary Power Unit (APU) fire detection/ extinguishing system								-			
A3.4.6.11.1 Inspect								-			
A3.4.6.11.2 Operate system	5							-			
A3.4.6.11.3 Troubleshoot								-			
A3.4.7. Ice and rain protection system TR: C-40 AMM and FIM CH 30								-			
A3.4.7.1 Fundamentals, components and system operation								-			

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1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.4.7.2. Control cabin window anti- icing system								-			
A3.4.7.2.1 Inspect								-			
A3.4.7.2.2 Adjust/test system								-			
A3.4.7.2.3 Troubleshoot								-			
A3.4.7.3. Air data sensor anti-icing system								-			
A3.4.7.3.1 Inspect								-			
A3.4.7.3.2 Adjust/test system								-			
A3.4.7.3.3 Troubleshoot								-			
A3.4.7.4. Engine cowl anti-ice system								-			
A3.4.7.4.1 Inspect								-			
A3.4.7.4.2 Adjust/test system								-			
A3.4.7.4.3 Operate system and components								-			
A3.4.7.4.4 Troubleshoot								-			
A3.4.7.5. Wing anti-ice system								-			
A3.4.7.5.1 Inspect								-			
A3.4.7.5.2 Adjust/test system								-			
A3.4.7.5.3 Troubleshoot								-			
A3.4.7.6. Water and drain anti-icing system								-			
A3.4.7.6.1 Inspect								-			
A3.4.7.6.2 Adjust/test system								-			
A3.4.7.6.3 Troubleshoot								-			
A3.4.7.7. Windshield wiper system								-			
A3.4.7.7.1 Inspect								-			
A3.4.7.7.2 Adjust/test system								-			
A3.4.7.7.3 Troubleshoot								-			
A3.4.8. Oxygen system TR: C-40 AMM; FIM; LSM CH 35								-			
A3.4.8.1 Fundamentals, components and system operation								-			
A3.4.8.2. Crew oxygen								-			
A3.4.8.2.1 Inspect/test system								-			
A3.4.8.2.2 Service oxygen system								-			
A3.4.8.2.3 Troubleshoot								-			
A3.4.8.3 Inspect/test portable oxygen equipment								-			
A3.4.9. Pneumatic systems TR: C-40 AMM and CH 36								-			
A3.4.9.1 Fundamentals, components and system operation								-			
A3.4.9.2. Engine bleed air											
A3.4.9.2.1 Inspect/test system								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.4.9.2.2 Operate system								-			
A3.4.9.2.3 Troubleshoot								-			
A3.4.9.3. APU bleed air								-			
A3.4.9.3.1 Inspect/test system	5							-			
A3.4.9.3.2 Operate system	5							-			
A3.4.9.3.3 Troubleshoot								-			
A3.4.9.4. Ground pneumatic supply								-			
A3.4.9.4.1 Inspect/test system								-			
A3.4.9.4.2 Operate system								-			
A3.4.9.4.3 Troubleshoot								-			
A3.5. FLIGHT CONTROL SYSTEM								-			
TR: C-40 AMM and FIM CH 27								-			
A3.5.1 Fundamentals, components and system operation								-			
A3.5.2 Operate flight controls	5							-			
A3.5.3. Aileron/aileron trim control system								-			
A3.5.3.1 Inspect/test flight control surfaces/components								-			
A3.5.3.2 Troubleshoot								-			
A3.5.3.3 Rig aileron components								-			
A3.5.3.4. Remove/install								-			
A3.5.3.4.1 Power control unit linkage								-			
A3.5.3.4.2 Balance tab								-			
A3.5.3.4.3 Tab control rods								-			
A3.5.3.4.4 Control wheel								-			
A3.5.3.4.5 Control wheel drum								-			
A3.5.3.4.6 Trim actuator								-			
A3.5.3.4.7 Transfer mechanism								-			
A3.5.3.4.8 Power control unit								-			
A3.5.3.4.9 Feel and centering unit								-			
A3.5.3.4.10 Aileron/rudder trim control module								-			
A3.5.3.4.11 Control surfaces								-			
A3.5.4. Rudder/rudder trim control system								-			
A3.5.4.1 Inspect/test flight control surfaces/components								-			
A3.5.4.2 Troubleshoot								-			
A3.5.4.3 Rig rudder components								-			
A3.5.4.4. Remove/install								-			
A3.5.4.4.1 Index plate								-			
A3.5.4.4.2 Standby rudder power control unit								-			

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1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.5.4.4.3	Rudder pedals							-			
A3.5.4.4.4	Rudder pedal adjustment crank							-			
A3.5.4.4.5	Rudder forward quadrant							-			
A3.5.4.4.6	Rudder aft quadrant							-			
A3.5.4.4.7	Rudder control torque tube							-			
A3.5.4.4.8	Rudder feel and centering unit							-			
A3.5.4.4.9	Rudder trim actuator							-			
A3.5.4.4.10	Main rudder power control unit							-			
A3.5.4.4.11	Standby rudder power control unit shutoff valve							-			
A3.5.4.4.12	Rudder hydraulic fuse							-			
A3.5.4.4.13	Control surfaces							-			
A3.5.5.	Elevator and tab control system							-			
A3.5.5.1	Inspect/test flight control surfaces/components							-			
A3.5.5.2	Troubleshoot							-			
A3.5.5.3	Rig elevator components							-			
A3.5.5.4	Remove/install							-			
A3.5.5.4.1	Power control unit							-			
A3.5.5.4.2	Pitot-static system							-			
A3.5.5.4.3	Elevator feel shift module							-			
A3.5.5.4.4	Elevator and elevator tab free play							-			
A3.5.5.4.5	Elevator tab control mechanism							-			
A3.5.5.4.6	Tab control valve and solenoid valve							-			
A3.5.5.4.7	Feel computer							-			
A3.5.5.4.8	Balance panel							-			
A3.5.5.4.9	Control column							-			
A3.5.5.4.10	Control column support bearing							-			
A3.5.5.4.11	Forward control quadrant assembly							-			
A3.5.5.4.12	Feel and centering unit							-			
A3.5.5.4.13	Fell actuator							-			
A3.5.5.4.14	Input torque tube							-			
A3.5.5.4.15	Output torque tube							-			
A3.5.5.4.16	Index plate							-			
A3.5.5.4.17	Neutral shift mechanism							-			
A3.5.5.4.18	Feel system pitot probe							-			
A3.5.5.4.19	Control surfaces							-			
A3.5.6.	Horizontal stabilizer trim control system							-			

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1. Tasks, Knowledge And Technical References		2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
		Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.5.6.1	Inspect/test flight control surfaces/components								-			
A3.5.6.2	Troubleshoot								-			
A3.5.6.3	Rig horizontal stabilizer components								-			
A3.5.6.4.	Remove/install											
A3.5.6.4.1	Center section hinge fitting								-			
A3.5.6.4.2	Stabilizer forward control mechanism								-			
A3.5.6.4.3	Column cutout switch								-			
A3.5.6.4.4	Trim control wheel								-			
A3.5.6.4.5	Stabilizer control cable								-			
A3.5.6.4.6	Stabilizer trim cutout switches								-			
A3.5.6.4.7	Stabilizer interlock relay								-			
A3.5.6.4.8	Stabilizer trim control switch								-			
A3.5.6.4.9	Horizontal stabilizer interlock relay								-			
A3.5.6.4.10	Control surfaces								-			
A3.5.7.	Stall warning system								-			
A3.5.7.1	Inspect/test flight control surfaces/components								-			
A3.5.7.2	Troubleshoot								-			
A3.5.7.3.	Remove/install								-			
A3.5.7.3.1	Stall warning test module								-			
A3.5.7.3.2	Control column shaker								-			
A3.5.7.3.3	Stall Management Yaw Damper (SMYD)								-			
A3.5.8.	Trailing edge flap system								-			
A3.5.8.1	Inspect/test flight control surfaces/components								-			
A3.5.8.2	Deactivate/reactivate trailing edge flaps								-			
A3.5.8.3	Troubleshoot								-			
A3.5.8.4	Rig								-			
A3.5.8.5.	Remove/install											
A3.5.8.5.1	Flap Slat Electronic Unit (FSEU)								-			
A3.5.8.5.2	Trailing edge flap bypass valve								-			
A3.5.8.5.3	Flap priority valve								-			
A3.5.8.5.4	Flap control lever position sensor								-			
A3.5.8.5.5	Flap lever position switches								-			
A3.5.8.5.6	Inboard trailing edge flap								-			
A3.5.8.5.7	Inboard flap carriages								-			
A3.5.8.5.8	Inboard aft flap actuating mechanism								-			
A3.5.8.5.9	Inboard flap tracks								-			

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1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.5.8.5.10	Inboard aft flap tracks							-			
A3.5.8.5.11	Inboard flap support fairing							-			
A3.5.8.5.12	Outboard trailing edge flap							-			
A3.5.8.5.13	Outboard aft flap							-			
A3.5.8.5.14	Outboard flap carriages							-			
A3.5.8.5.15	Outboard aft flap actuating mechanism							-			
A3.5.8.5.16	Outboard flap tracks							-			
A3.5.8.5.17	Outboard flap support fairings							-			
A3.5.8.5.18	Inboard flap transmissions							-			
A3.5.8.5.19	Inboard flap ballscrews and gimbals							-			
A3.5.8.5.20	Outboard flap transmissions							-			
A3.5.8.5.21	Outboard flap ballscrews and gimbals							-			
A3.5.8.5.22	Flap Power Drive Unit (PDU)							-			
A3.5.8.5.23	Flap hydraulic motor							-			
A3.5.8.5.24	Flap electric motor							-			
A3.5.8.5.25	Tee angle gearbox							-			
A3.5.8.5.26	Main Landing Gear (MLG) beam angle gearbox							-			
A3.5.8.5.27	Seal rib angle gearbox							-			
A3.5.8.5.28	Flap torque tubes							-			
A3.5.8.5.29	Flap torque tube support							-			
A3.5.8.5.30	Flap control unit							-			
A3.5.8.5.31	Flap control quadrant							-			
A3.5.8.5.32	Flap limit switches							-			
A3.5.8.5.33	Trailing edge flap control valve							-			
A3.5.8.5.34	Flap flow limiter							-			
A3.5.8.5.35	Control surfaces							-			
A3.5.9.	Spoiler/speed brake control system							-			
A3.5.9.1	Inspect/test flight control surfaces/components							-			
A3.5.9.2	Troubleshoot							-			
A3.5.9.3	Rig							-			
A3.5.9.4.	Remove/install										
A3.5.9.4.1	Spoiler position sensor							-			
A3.5.9.4.2	Spoiler shutoff valve							-			
A3.5.9.4.3	Flight spoiler hinge link							-			
A3.5.9.4.4	Spoiler mixer							-			
A3.5.9.4.5	Spoiler ratio changer							-			
A3.5.9.4.6	Spoiler control quadrant							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.5.9.4.7	Flight spoiler actuator							-			
A3.5.9.4.8	Flight spoiler actuator quadrant							-			
A3.5.9.4.9	Ground spoiler hinge link							-			
A3.5.9.4.10	Speed brake forward drum and lever brake							-			
A3.5.9.4.11	Speed brake lever							-			
A3.5.9.4.12	Auto speed brake actuator							-			
A3.5.9.4.13	Speed brake Rejected Take Off (RTO) switch							-			
A3.5.9.4.14	Autostow actuator							-			
A3.5.9.4.15	Speed brake armed switch and speed brake handle position switch							-			
A3.5.9.4.16	Auto speed brake lever position sensor							-			
A3.5.9.4.17	Speed brake lever position sensor							-			
A3.5.9.4.18	Ground spoiler control valve							-			
A3.5.9.4.19	Ground spoiler interlock valve cable							-			
A3.5.9.4.20	Ground spoiler interlock valve							-			
A3.5.9.4.21	Inboard ground spoiler actuator							-			
A3.5.9.4.22	Outboard ground spoiler							-			
A3.5.9.4.23	Outboard ground spoiler actuator							-			
A3.5.9.4.24	Control surfaces							-			
A3.5.10.	Leading edge flap/slat and auto- slat system							-			
A3.5.10.1	Inspect flight control surfaces/components							-			
A3.5.10.2	Deactivate/reactivate leading edge flaps	5						-			
A3.5.10.3	Troubleshoot							-			
A3.5.10.4	Rig							-			
A3.5.10.5.	Remove/install							-			
A3.5.10.5.1	Leading edge flap actuator							-			
A3.5.10.5.2	Leading edge slat actuator							-			
A3.5.10.5.3	Leading edge Uncommanded Motion (UCM) valve and leading edge cruise depressurization valve							-			
A3.5.10.5.4	Leading edge flap and slat hydraulic fuse							-			
A3.5.10.5.5	Leading edge flap flow limiting valve							-			
A3.5.10.5.6	Leading edge flap and slat control valve							-			
A3.5.10.5.7	Leading edge standby shutoff valve							-			
A3.5.10.5.8	Control surfaces							-			
A3.6.	HYDRAULIC POWER SYSTEMS TR: C-40 AMM; FIM; LSM CH 29							-			
A3.6.1	Fundamentals, components and system operation							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.6.2. "A" and "B" hydraulic system								-			
A3.6.2.1 Inspect								-			
A3.6.2.2 Operate Electric Motor Driven Pump (EMDP)	5							-			
A3.6.2.3 Operate engine driven pumps								-			
A3.6.2.4 Adjust/test system								-			
A3.6.2.5 Troubleshoot								-			
A3.6.3. Standby hydraulic system								-			
A3.6.3.1 Inspect								-			
A3.6.3.2 Operate EMDP	5							-			
A3.6.3.3 Adjust/test system								-			
A3.6.3.4 Troubleshoot								-			
A3.6.4. Power Transfer Unit (PTU)								-			
A3.6.4.1 Inspect								-			
A3.6.4.2 Operate system								-			
A3.6.4.3 Adjust/test system								-			
A3.6.4.4 Troubleshoot								-			
A3.6.5. Service TR: C-40 AMM, LSM, CH 12- 12 and AFMAN 11-218								-			
A3.6.5.1 Hydraulic system reservoir	5							-			
A3.6.5.2 Brake accumulator	5							-			
A3.7. ENGINE SYSTEMS TR: C-40 AMM; FIM; LSM CH 70 THRU 80								-			
A3.7.1 Fundamentals, components and system operation								-			
A3.7.2 Operate								-			
A3.7.3. Inspect								-			
A3.7.3.1 Powerplant								-			
A3.7.3.2 Inlet								-			
A3.7.3.3 Exhaust								-			
A3.7.3.4 Thrust reverser								-			
A3.7.4. Troubleshoot								-			
A3.7.4.1 Powerplant								-			
A3.7.4.2 Inlet								-			
A3.7.4.3 Exhaust								-			
A3.7.4.4 Thrust reverser								-			
A3.7.5 Open/close thrust reverser								-			
A3.7.6 Deactivate system and components								-			
A3.7.7. Service TR: AFMAN 11-218; C-40 AMM;								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
LSM CH 12											
A3.7.7.1 Engine oil	5							-			
A3.7.7.2 Integrated drive generator (IDG)	5							-			
A3.7.8. APU TR: C-40 AMM; FIM; LSM CH 49								-			
A3.7.8.1 Fundamentals, components and system operation								-			
A3.7.8.2 Inspect								-			
A3.7.8.3 Open/close APU access door								-			
A3.7.8.4 Remove/install APU access door								-			
A3.7.8.5 Operate	5R							-			
A3.7.8.6 Troubleshoot								-			
A3.7.8.7 Service	5							-			
A3.8. FUEL SYSTEM TR: C-40 AMM and LSM CH 28								-			
A3.8.1 Fundamentals, components and system operation								-			
A3.8.2. Inspect								-			
A3.8.2.1 Main fuel system								-			
A3.8.2.2 Auxiliary fuel system								-			
A3.8.3. Operate								-			
A3.8.3.1 Main fuel system	5							-			
A3.8.3.2 Auxiliary fuel system								-			
A3.8.4. Transfer								-			
A3.8.4.1 Main fuel system	5							-			
A3.8.4.2 Auxiliary fuel system								-			
A3.8.5. Troubleshoot								-			
A3.8.5.1 Main fuel system								-			
A3.8.5.2 Auxiliary fuel system								-			
A3.8.6. Fuel servicing TR: AFMAN 11-218; C-40 AMM; LSM CH 12-11; TO 00-25-172								-			
A3.8.6.1 Perform refuel/defuel supervisor duties	7							-			
A3.8.6.2 Perform refuel/defuel team member duties	5							-			
A3.8.6.3 Perform concurrent servicing supervisor duties								-			
A3.9. ELECTRICAL POWER SYSTEM TR: C-40 AMM, FIM, and LSM CH 24								-			
A3.9.1 Fundamentals, components and system operation								-			
A3.9.2 Apply/disconnect aircraft external power	5							-			
A3.9.3 Apply/disconnect APU electrical power	5							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.9.4	Apply/disconnect engine IDG electrical power							-			
A3.9.5.	Inspect/test system							-			
A3.9.5.1	Standby power							-			
A3.9.5.2	AC power							-			
A3.9.5.3	DC power							-			
A3.9.5.4	IDG power							-			
A3.9.6.	Operate system							-			
A3.9.6.1	Standby power	5						-			
A3.9.6.2	AC power	5						-			
A3.9.6.3	DC power	5						-			
A3.9.6.4	IDG power							-			
A3.9.7	Troubleshoot							-			
A3.9.7.1	Standby power							-			
A3.9.7.2	AC power							-			
A3.9.7.3	DC power							-			
A3.9.7.4	IDG power							-			
A3.9.8	Remove/reinstall aircraft batteries							-			
A3.9.9.	Aircraft lighting TR: C-40 AMM and FIM CH 33							-			
A3.9.9.1	Fundamentals, components and system operation							-			
A3.9.9.2.	Inspect							-			
A3.9.9.2.1	Interior lights							-			
A3.9.9.2.2	Exterior lights							-			
A3.9.9.2.3	Emergency exit lighting							-			
A3.9.9.2.4	Instrument and panel lights							-			
A3.9.9.3.	Operate system							-			
A3.9.9.3.1	Interior lights	5						-			
A3.9.9.3.2	Exterior lights	5						-			
A3.9.9.3.3	Emergency exit lighting	5						-			
A3.9.9.3.4	Instrument and panel lights							-			
A3.9.9.4.	Troubleshoot							-			
A3.9.9.4.1	Interior lights							-			
A3.9.9.4.2	Exterior lights							-			
A3.9.9.4.3	Emergency exit lighting							-			
A3.9.9.4.4	Instrument and panel lights							-			
A3.9.9.5.	Remove/install bulbs							-			
A3.9.9.5.1	Interior lights							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.9.9.5.2 Exterior lights								-			
A3.9.9.5.3 Emergency exit lighting								-			
A3.9.9.5.4 Instrument and panel lights								-			
A3.10. AIRCRAFT SYSTEMS								-			
A3.10.1. Auto flight system TR: C-40 AMM and FIM CH 22								-			
A3.10.1.1 Fundamentals, components and system operation								-			
A3.10.1.2 Inspect/test system								-			
A3.10.1.3 Troubleshoot								-			
A3.10.1.4. Digital flight control system								-			
A3.10.1.4.1 Inspect/test system								-			
A3.10.1.4.2 Operate system								-			
A3.10.1.4.3 Troubleshoot								-			
A3.10.1.5. Auto throttle system								-			
A3.10.1.5.1 Inspect/test system								-			
A3.10.1.5.2 Troubleshoot								-			
A3.10.2. Communications system TR: C-40 AMM and FIM CH 23								-			
A3.10.2.1 Fundamentals, components and system operation								-			
A3.10.2.2. Inspect/test system								-			
A3.10.2.2.1 Audio Control Panel (ACP)								-			
A3.10.2.2.2 VHF system								-			
A3.10.2.2.3 UHF system								-			
A3.10.2.2.4 HF system								-			
A3.10.2.2.5 Satellite Communications (SATCOM); International Mobile Satellite (INMARSAT)								-			
A3.10.2.2.6 Iridium telephone system								-			
A3.10.2.2.7 Aircraft Communications Addressing and Reporting (ACARS) system								-			
A3.10.2.2.8 Mission data system								-			
A3.10.2.3. Operate system								-			
A3.10.2.3.1 ACP	5							-			
A3.10.2.3.2 VHF system	5							-			
A3.10.2.3.3 UHF system								-			
A3.10.2.3.4 HF system								-			
A3.10.2.3.5 (SATCOM, INMARSAT)								-			
A3.10.2.3.6 Iridium telephone system								-			
A3.10.2.3.7 ACARS system								-			
A3.10.2.3.8 Mission data system								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.10.2.4. Troubleshoot								-			
A3.10.2.4.1 ACP								-			
A3.10.2.4.2 VHF system								-			
A3.10.2.4.3 UHF system								-			
A3.10.2.4.4 HF system								-			
A3.10.2.4.5 SATCOM, INMARSAT								-			
A3.10.2.4.6 Iridium telephone system								-			
A3.10.2.4.7 ACARS								-			
A3.10.2.4.8 Mission data system								-			
A3.10.3. Interphone system TR: C40 AMM and FIM CH 23								-			
A3.10.3.1 Inspect/test system								-			
A3.10.3.1.1 Flight interphone								-			
A3.10.3.1.2 Flight and ground crew call system								-			
A3.10.3.1.3 Service interphone								-			
A3.10.3.1.4 Passenger address system								-			
A3.10.3.1.5 Airshow system								-			
A3.10.3.2. Operate								-			
A3.10.3.2.1 Flight interphone	5							-			
A3.10.3.2.2 Flight and ground crew call system								-			
A3.10.3.2.3 Service interphone	5							-			
A3.10.3.2.4 Passenger address system								-			
A3.10.3.2.5 Airshow system								-			
A3.10.3.3 Troubleshoot								-			
A3.10.3.3.1 Flight interphone								-			
A3.10.3.3.2 Flight and ground crew call system								-			
A3.10.3.3.3 Service interphone								-			
A3.10.3.3.4 Passenger address system								-			
A3.10.3.3.5 Airshow system								-			
A3.10.4. Entertainment system TR: C40 AMM and FIM CH 23								-			
A3.10.4.1. Inspect/test								-			
A3.10.4.1.1 Audio entertainment system								-			
A3.10.4.1.2 Video entertainment system								-			
A3.10.4.1.3 Voice recorder system								-			
A3.10.4.2. Operate								-			
A3.10.4.2.1 Audio entertainment system								-			
A3.10.4.2.2 Video entertainment system								-			
A3.10.4.2.3 Voice recorder system								-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.10.4.3. Troubleshoot								-			
A3.10.4.3.1 Audio entertainment system								-			
A3.10.4.3.2 Video entertainment system								-			
A3.10.4.3.3 Voice recorder system								-			
A3.10.5. Navigation System TR: C-40 AMM; FIM; LSM CH 34								-			
A3.10.5.1 Fundamentals, components and system operation								-			
A3.10.5.2. Inspect/test system								-			
A3.10.5.2.1 Identify Friend or Foe (IFF)								-			
A3.10.5.2.2 Tactical Air Navigation (TACAN)								-			
A3.10.5.2.3 Weather radar								-			
A3.10.5.2.4 Air Data Internal Reference (ADIRS)								-			
A3.10.5.2.5 Global Positioning System (GPS)								-			
A3.10.5.2.6 Ground Proximity Warning (GPWS)								-			
A3.10.5.2.7 Traffic Alert and Collision Avoidance (TCAS)								-			
A3.10.5.2.8 Heads Up Display (HUD)								-			
A3.10.5.2.9 Flight Management Computer (FMC)								-			
A3.10.5.3. Troubleshoot								-			
A3.10.6.3.1 IFF								-			
A3.10.6.3.2 TACAN								-			
A3.10.6.3.3 Weather radar								-			
A3.10.6.3.4 ADIRS								-			
A3.10.6.3.5 GPS								-			
A3.10.6.3.6 GPWS								-			
A3.10.6.3.7 TCAS								-			
A3.10.6.3.8 HUD								-			
A3.10.6.3.9 FMC								-			
A3.10.5.4 Align ADIRS	5							-			
A3.10.6. Indicating system TR: C-40 AMM and FIM CH 31								-			
A3.10.6.1 Fundamentals, components and system operation								-			
A3.10.6.2. Aural warning system								-			
A3.10.6.2.1 Inspect/test system								-			
A3.10.6.2.2 Operate system								-			
A3.10.6.2.3 Troubleshoot								-			
A3.10.6.3. Common Display System (CDS)								-			
A3.10.6.3.1 Inspect/test system								-			
A3.10.6.3.2 Operate system	5							-			

C-40 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A3.10.6.3.3 Troubleshoot								-			
A3.10.7. Self Defense System (SDS) TR: C40 AMMSUP CH 99								-			
A3.10.7.1 Fundamentals, components and system operation								-			
A3.10.7.2 Inspect								-			
A3.10.7.3 Troubleshoot								-			
A3.10.7.4 Clean sensors								-			
A3.10.7.5 Deactivate/reactivate system								-			
A3.11. SUPPORT EQUIPMENT TR: AFMAN 11-218 and applicable equipment TOs								-			
A3.11.1. Perform pre-use inspection and Operate								-			
A3.11.1.1 Air conditioning units TR: TO 35E9-series as applicable								-			
A3.11.1.2 A/M32A-95 gas turbine compressor TR: TO 35D12-series as applicable								-			
A3.11.1.3 Self generating gaseous nitrogen servicing equipment TR: TO 35D3- series as applicable								-			
A3.11.1.4 Oil servicing carts TR: TO 35A17- series as applicable								-			
A3.11.1.5 Hydraulic servicing carts TR: TO 35A29- series as applicable								-			

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E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
NOTE 1: Use this attachment in conjunction with STS 2A5X1 Attachment 2. NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time. NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.											
A4.1. AIRCRAFT GENERAL											
A4.1.1 Inspection concepts TR: TOs 00-20-1, 1C-25(V)A- 6 and 1E-4B-6								-	-		
A4.1.2. Perform inspections											
A4.1.2.1. Isochronal											
A4.1.2.1.1 Inspection area #1	5							-	-		
A4.1.2.1.2 Inspection area #2	5							-	-		
A4.1.2.1.3 Inspection area #3	5							-	-		
A4.1.2.1.4 Inspection area #4	5							-	-		
A4.1.2.1.5 Inspection area #5	5							-	-		
A4.1.2.1.6 Inspection area #6	5							-	-		
A4.1.2.1.7 Inspection area #7	5							-	-		
A4.1.2.2. Preflight											
A4.1.2.2.1 Work area #1	5							-	-		
A4.1.2.2.2 Work area #2 and #3	5							-	-		
A4.1.2.2.3 Work area #4	5							-	-		
A4.1.2.3. Thruflight											
A4.1.2.3.1 Work area #1	5							-	-		
A4.1.2.3.2 Work area #2 and #3	5							-	-		
A4.1.2.3.3 Work area #4	5							-	-		
A4.1.2.4. Basic postflight											
A4.1.2.4.1 Work area #1	5							-	-		
A4.1.2.4.2 Work area #2 and #3	5							-	-		
A4.1.2.4.3 Work area #4	5							-	-		
A4.1.2.5. Preflight/Postflight											
A4.1.2.5.1 Work area #1	5							-	-		
A4.1.2.5.2 Work area #2 and #3	5							-	-		
A4.1.2.5.3 Work area #4	5							-	-		
A4.1.2.5.4 Quick turn								-	-		
A4.1.2.5.5 Home station check	5							-	-		
A4.1.2.5.6 Alert								-	-		
A4.1.2.6. Special inspections											
A4.1.2.6.1 Perform exterior panel and secondary structure inspection TR: Local page supplement	7							-	-		
A4.1.2.6.2 Inspect flight controls TR: TO 1E-4B-6 and 1C- 25(V)A-6											

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A4.1.3. Air Transport Association (ATA) TOs TR: 1E-4B-2-1 and 1C- 25(V)A-2-1											
A4.1.3.1 Use ATA TOs	5							-	-		
A4.1.3.2 Use service bulletins and air worthiness directives	7							-			
A4.1.4. Maintenance Data Documentation (MDD) TR: AFI 21-101, TO 00-20-1, 00-20-2, and applicable aircraft -06 Work Unit Code Manuals											
A4.1.4.1 Document AFTO Form 781H	5							-	-		
A4.1.4.2 Document AFTO Form 781A	5							-	-		
A4.1.4.3 Document AFTO Form 781J	5							-	-		
A4.1.4.4 Document AFTO Form 781K	5							-	-		
A4.1.4.5 Document AFTO Form 781F	5							-	-		
A4.1.5. Aircraft communications equipment TR: Applicable -2 TOs											
A4.1.5.1 Operate radio	5							-	-		
A4.1.5.2 Use interphone	5							-	-		
A4.1.6. Ground handling TR: AFMAN s 11-218, 91-203; TO 00-25-172 and applicable-2 TOs											
A4.1.6.1 Launch aircraft	5							-	-		
A4.1.6.2 Recover aircraft	5							-	-		
A4.1.6.3. Tow aircraft											
A4.1.6.3.1 Perform wing walker duties	5							-	-		
A4.1.6.3.2 Perform tail walker duties	5							-	-		
A4.1.6.3.3 Perform brake operator duties	5							-	-		
A4.1.6.3.4 Perform tow team supervisor duties	7							-	-		
A4.1.6.3.5 Perform tow vehicle operator duties	5							-	-		
A4.1.6.4. Jack and level aircraft											
A4.1.6.4.1 Perform jacking team member duties	5							-	-		
A4.1.6.4.2 Perform jacking supervisor duties								-	-		
A4.1.6.5 Perform axle jacking duties	5							-	-		
A4.1.6.6 Verify aircraft center of gravity TR: TO 1E-4B-5 and 1C- 25(V)A-5								-			
A4.1.6.7. Aircraft wash TR: -6 TOs											
A4.1.6.7.1 Perform wash supervisor duties								-	-		
A4.1.6.7.2 Perform wash team member duties								-	-		
A4.1.6.8. Aircraft lubrication											
A4.1.6.8.1 Perform after-wash lubrication TR: 1E-4B-6WC-5	5							-	-		
A4.1.6.8.2 Perform isochronal lube (1,2,3) TR: 1E-4B-6WC-2	5							-	-		
A4.2. AIRFRAME TR: Applicable -2 TOs											

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A4.2.1 Components and structure								-	-		
A4.2.2. Operate											
A4.2.2.1 Entry door/hatch	5							-	-		
A4.2.2.2 Cargo door	5							-	-		
A4.2.2.3 Wheel well doors	5							-	-		
A4.2.3. Remove/install											
A4.2.3.1 Panels	5							-	-		
A4.2.3.2 Non-explosive seats								-	-		
A4.2.3.3 Windows								-	-		
A4.2.3.4 Life rafts/slides	5							-	-		
A4.2.3.5 Radome								-	-		
A4.2.4. Open/close											
A4.2.4.1 Cowling	5							-	-		
A4.2.4.2 Radome								-	-		
A4.2.5 Perform aircraft cold weather procedures	5							-	-		
A4.2.6. Service crew/passenger comfort facilities TR: TOs 1E-4B-2-12 and 1C-25(V)A-2-12											
A4.2.6.1 Potable water	5							-	-		
A4.2.6.2 Lavatories	5							-	-		
A4.3. LANDING GEAR SYSTEMS TR: Applicable -2 TOs											
A4.3.1 Components and system operation								-			
A4.3.2. Perform operational check											
A4.3.2.1 Landing gear								-	-		
A4.3.2.2 Brakes	5							-	-		
A4.3.2.3 Steering system								-	-		
A4.3.2.4 Anti-skid								-	-		
A4.3.2.5 Landing gear retraction team member								-	-		
A4.3.2.6 Landing gear retraction team supervisor								-	-		
A4.3.3. Service											
A4.3.3.1 Landing gear struts	5							-	-		
A4.3.3.2 Tires	5							-	-		
A4.3.4 Lubricate landing gear components	5							-	-		
A4.3.5. Remove/install											
A4.3.5.1 Wheel and tire assemblies	5							-			
A4.3.5.2 Brake assemblies	5							-			
A4.3.6 Bleed brakes system								-	-		
A4.3.7 Determine serviceability of aircraft tires	5							-	-		

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TO 4T-1-3, Applicable -2 TOs											
A4.3.8 Troubleshoot								-	-		
A4.4. UTILITY SYSTEMS TR: Applicable -2 TOs											
A4.4.1 Components and system operation								-	-		
A4.4.2 Troubleshoot								-	-		
A4.4.3. Perform operational check											
A4.4.3.1 Bleed air system								-	-		
A4.4.3.2 Air conditioning system								-	-		
A4.4.3.3 Pressurization system								-	-		
A4.4.3.4 Anti-ice/de-ice system								-	-		
A4.4.3.5 Rain removal system								-	-		
A4.4.3.6 Fire warning system	5							-	-		
A4.4.3.7 Fire extinguishing system								-	-		
A4.4.3.8 Oxygen system	5							-	-		
A4.4.4. Oxygen system TR: TO 00-25-172 and applicable -2 TOs											
A4.4.4.1 Service liquid oxygen converters	5							-	-		
A4.4.4.2 Service portable oxygen bottles	5							-	-		
A4.4.4.3 Perform alert LOX service								-	-		
A4.4.5. Inspect TR: TOs 1E-4B-6 and 1C- 25(V)A-6											
A4.4.5.1 Bleed air system								-	-		
A4.4.5.2 Air conditioning system								-	-		
A4.4.5.3 Pressurization system								-	-		
A4.4.5.4 Anti-ice/de-ice system								-	-		
A4.4.5.5 Rain removal system								-	-		
A4.4.5.6 Fire warning system								-	-		
A4.4.5.7 Fire extinguishing system								-	-		
A4.4.5.8 Oxygen system								-	-		
A4.4.6 Troubleshoot utility systems								-	-		
A4.4.7 Troubleshoot liquid cooling								-	-		
A4.5. FLIGHT CONTROL SYSTEMS TR: Applicable -2 TOs											
A4.5.1 Components and system operation								-	-		
A4.5.2 Operate flight controls	5							-	-		
A4.5.3 Remove flight control components								-	-		
A4.5.4 Install flight control components								-	-		
A4.5.5 Lubricate flight controls	5							-	-		
A4.5.6 Rig flight controls								-	-		

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A4.5.7 Troubleshoot								-	-		
A4.6. HYDRAULIC SYSTEMS TR: Applicable -2 TOs											
A4.6.1 Components and system operation								-			
A4.6.2 Troubleshoot								-	-		
A4.6.3. Service											
A4.6.3.1 Reservoir	5							-	-		
A4.6.3.2 Accumulator	5							-	-		
A4.6.4. Operate											
A4.6.4.1 Engine driven pump	7							-	-		
A4.6.4.2 Air driven pump	5							-	-		
A4.6.4.3 Auxiliary AC hydraulic pump	5							-	-		
A4.7. ENGINES AND AUXILIARY POWER UNIT (APU) TR: Applicable -2 TOs											
A4.7.1 Components and system operation								-	-		
A4.7.2 Troubleshoot								-	-		
A4.7.3. Perform											
A4.7.3.1 Engine operational check	7							-	-		
A4.7.3.2 Engine alert quick start TR: TO 1E-4BII-1								-	-		
A4.7.3.3 Audible ignition check								-	-		
A4.7.3.4 Motor engine	7							-	-		
A4.7.4. Operate TR: AFMAN 91-203 and -2 TOs											
A4.7.4.1 Engine and subsystems	7							-	-		
A4.7.4.2 APU	5							-	-		
A4.7.5. Service											
A4.7.5.1 Oil system	5							-	-		
A4.7.5.2 Integrated drive gearbox	5							-	-		
A4.7.5.3 APU	5							-	-		
A4.7.5.4 APU supplemental oil tank (E-4B specific)	5							-	-		
A4.7.5.5 Extended range oil tank (E-4B specific)	5							-	-		
A4.7.6. Remove/install											
A4.7.6.1 Engine starter								-	-		
A4.7.6.2 Minor components								-	-		
A4.7.6.3 APU starter								-	-		
A4.7.7 Take engine oil sample	5							-	-		
A4.7.8. Inspect engine TR: Applicable -2 and -6 TOs											
A4.7.8.1 Exhaust	5							-	-		
A4.7.8.2 Inlet	5							-	-		

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A4.7.9 Inspect APU								-	-		
A4.8. AIRCRAFT FUEL SYSTEMS TR: AFMAN 91-203, TO 00-25-172 and -2 TOs											
A4.8.1 Fuel components and system operation								-	-		
A4.8.2 Operate fuel system	5							-	-		
A4.8.3 Ground transfer fuel	5							-	-		
A4.8.4 Prepare aircraft for fuel cell maintenance TR: TOs 1-1-3 and applicable - 2								-	-		
A4.8.5 Troubleshoot								-	-		
A4.8.6. Refuel aircraft Module											
A4.8.6.1 Perform team member duties	5							-	-		
A4.8.6.2 Perform team panel operator duties	5							-	-		
A4.8.6.3 Perform team supervisor duties	7							-	-		
A4.8.7. Defuel aircraft Module											
A4.8.7.1 Perform team member duties	5							-	-		
A4.8.7.2 Perform team panel operator duties	5							-	-		
A4.8.7.3 Perform team supervisor duties	7							-	-		
A4.8.8. Concurrent servicing TR: TOs 00-25-172 and 1E- 4B-2-12											
A4.8.8.1 Perform team member duties	5							-	-		
A4.8.8.2 Perform team supervisor duties	7							-	-		
A4.8.9. Refuel aircraft with engines operating TR: ACCI 21-101, TOs 00-25-172, 1E-4B-2-12											
A4.8.9.1. Team member (position A)											
A4.8.9.1.1 Phase I								-	-		
A4.8.9.1.2 Phase II								-	-		
A4.8.9.1.3 Phase III								-	-		
A4.8.9.2. Panel operator (position B)											
A4.8.9.2.1 Phase I								-	-		
A4.8.9.2.2 Phase II								-	-		
A4.8.9.2.3 Phase III								-	-		
A4.8.9.3. Team supervisor (position D)											
A4.8.9.3.1 Phase I								-	-		
A4.8.9.3.2 Phase II								-	-		
A4.8.9.3.3 Phase III								-	-		
A4.8.10. Receiver system											
A4.8.10.1 Inspect								-	-		
A4.8.10.2 Operate								-	-		
A4.9. ELECTRICAL SYSTEMS TR: Applicable -2 TOs											

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A4.9.1	Components and system operation							-			
A4.9.2	Troubleshoot							-	-		
A4.9.3.	Perform operational check with APU										
A4.9.3.1	Electrical power supply system							-	-		
A4.9.3.2	Lighting system							-	-		
A4.9.3.3	Indicator warning lights	5						-	-		
A4.9.4.	Remove/install										
A4.9.4.1	Light lenses	5						-	-		
A4.9.4.2	Light bulbs	5						-	-		
A4.9.4.3	Batteries	5						-	-		
A4.9.5	Connect/apply/disconnect external electrical power	5						-	-		
A4.9.6	Apply/remove APU generator electrical power	5						-	-		
A4.9.7	Apply/remove APU bleed air	5						-	-		
A4.10.	EGRESS SYSTEM										
	TR: Applicable -2 TOs										
A4.10.1	Components and system operation							-			
A4.10.2	Inspect							-	-		
	TR: TO 1E-4B-6 and 1C- 25(V)A-6										
A4.10.3	Operate system (excluding slide)							-	-		
A4.10.4	Install/remove safety pins	5						-	-		
A4.11.	CREW COMFORT FACILITIES										
	TR: Applicable -2 TOs										
A4.11.1.	Galley and equipment										
A4.11.1.1	Remove/install components							-	-		
A4.11.1.2	Perform inspection/operational check components							-	-		
A4.11.2.	Lavatory and waste system										
A4.11.2.1	Remove/install/repair components							-	-		
A4.11.2.2	Perform inspection/operational check components							-	-		
A4.11.3.	Potable water system										
A4.11.3.1	Remove/install potable water filter components	5						-	-		
A4.11.3.2	Perform inspection/operational check system	5						-	-		
A4.11.4.	Thermal curtains										
	TR: TO 1E-4B-2-25										
A4.11.4.1	Remove/install							-	-		
A4.11.4.2	Inspect							-	-		
A4.11.4.3	Seal							-	-		
A4.12.	SUPPORT EQUIPMENT										
	TR: AFMAN 11-218, applicable TOs										
A4.12.1.	Perform pre-use inspection and operate										
A4.12.1.1	Hydraulic test stand										

E-4/VC-25 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TO 33A2-series as applicable								-	-		
A4.12.1.2 Air conditioning units TR: TO 35E9-series as applicable	5							-			
A4.12.1.3 A/M32A-95 gas turbine compressor TR: TO 35D12-series as applicable	5							-	-		
A4.12.1.4 Liquid nitrogen servicing equipment TR: TO 35D3- series as applicable								-	-		
A4.12.1.5 Gaseous nitrogen servicing equipment TR: TO 35D3- series as applicable	5							-	-		

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C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
NOTE 1: Use this attachment in conjunction with STS 2A5X1 Attachment 2. NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time. NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.											
A5.1. AIRCRAFT GENERAL TR: TOs 1C-130J-2-CD-1, C-130H-2-00GE-00-1, C- 130J-2-00GV-00-1, and 11A-1-33											
A5.1.1 Safety precautions pertaining to aircraft containing ammunition/explosives TR: AFMAN 91-201, AFMAN 91-203								A	-		
A5.1.2 Large Aircraft Infrared Counter Measure (LAIRCM) equipped aircraft								-	-		
A5.1.3 Pressurize aircraft								A	-		
A5.1.4 Use standard and technical publications TR: AFIs 21-101, 37-160, Vol 1; TO 00-5-1, and applicable aircraft TOs	5							2b	-		
A5.1.5. Maintenance Data Documentation (MDD) TR: AFI 21-101; TOs 00-20-1, 00-20-2, and applicable -06 Work Unit Code Manuals											
A5.1.5.1 Document AFTO Form 781H	5							2b			
A5.1.5.2 Document AFTO Form 781A	5							2b			
A5.1.5.3 Document AFTO Form 781J	5							2b			
A5.1.5.4 Document AFTO Form 781K	5							2b			
A5.1.5.5 Document AFTO Form 781F	5							2b			
A5.1.6. Aircraft wash TR: TOs1C-130J-23 and 1C-130J-23CL-1											
A5.1.6.1 Perform wash supervisor duties								-	-		
A5.1.6.2 Perform wash team member duties								-	-		
A5.1.6.3 Perform after-wash lubrication TR: TO 1C-130J-2-12JG-20-1								-	-		
A5.1.7 Remove/install galley microwave TR:TO 1C-130J-2-25JG-00- 1-1								-	-	-	
A5.1.8. Aircraft inspections TR: TO 00-20-1											
A5.1.8.1 Isochronal inspection concept								A	-		
A5.1.8.2. Perform inspections											
A5.1.8.2.1 Preflight TR: TO 1C-130J-6WC-10	5							b	-		
A5.1.8.2.2 Thruflight TR: TO 1C-130J-6WC-10	5							b	-		
A5.1.8.2.3 Combined preflight/basic postflight TR: TO 1C-130J-6WC-10	5							2b	-		
A5.1.8.2.4 A/B check								-	-		
A5.1.8.2.5 C check (C1/C2) D check								-	-		
A5.1.8.2.6 Acceptance								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.1.8.2.7 Special								-	-		
A5.1.8.2.8 Time Change Item (TCI)								-	-		
A5.1.8.2.9 Inspect and use fall protection equipment								-	-		
A5.1.9. System integration, display, components and operation TR: TO 1C-130J-2-46GS-00-1											
A5.1.9.1 Mission Computer (MC) 1 & 2								A	-		
A5.1.9.2 Bus Interface Unit (BIU)								A	-		
A5.1.9.3 Bus Adapter Unit (BAU) type I & II								A	-		
A5.1.9.4 Communication/Navigation/Electronic Circuit Breaker Control Panel (CNBP)								A	-		
A5.1.9.5 Avionic Management Unit (AMU)								A	-		
A5.1.9.6 Head Down Display (HDD)								A	-		
A5.1.9.7 Head Up Display (HUD)								A	-		
A5.1.10. Communication / Navigation /Identification Management System (CNI-MS) TR: TO 1C-130J-2-48GS-00-1											
A5.1.10.1 Test CNI System processor (CNI-SP)								-	-		
A5.1.10.2 Perform CNI Management Unit (CNI-MU) operation								2b	-		
A5.1.11. Indicating and recording system components and operation TR: TO 1C-130J-2-31GS-00-1											
A5.1.11.1 Dual Slot Data Transfer System (DSDTS)								-	-		
A5.1.11.2 Removable Memory Module (RMM)								-	-		
A5.1.11.3. Control panels											
A5.1.11.3.1 Perform operational checkout of hard panels TR: TO 1C-130J-2-31JG-10-1								-	-		
A5.1.11.3.2 Use soft panels TR: TO 1C-130J-2-48GS-00-1								2b	-		
A5.1.11.3.3 Remove/install control panels TR: TO 1C-130J-2-31JG-10- 1 and - 2-00JG-00-1								-	-		
A5.1.12. Data Transfer And Diagnostics System (DTADS) TR: TO 1C-130J-2-45GS-00-1											
A5.1.12.1. Perform aircraft maintenance operations											
A5.1.12.1.1 Initiated Built-In-Test (IBIT)	7							a	-		
A5.1.12.1.2 Data Bus Test Points (DBTP)								a	-		
A5.1.12.1.3 Faults/Advisory Caution and Warning System (ACAWS)								2b	-		
A5.1.12.2 Aircraft/Line Replaceable Unit (LRU) software loading procedures								-	-		
A5.1.12.3 Operate DTADS tool bar	7							a	-		
A5.1.12.5. Deployed Ground Maintenance System (GMS) procedures TR: TO 1C-130J-2-45GS-00-1											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.1.12.5.1 Debrief aircraft	7							-	-		
A5.1.12.5.2 Deploy/undeploy aircraft								-	-		
A5.1.12.5.3 Perform deployed back up data transfer								-	-		
A5.1.12.5.4 Perform Removable Memory Module (RMM) utilities								-	-		
A5.1.12.6. DTADS engine related tasks											
A5.1.12.6.1 Perform powerplant change								-	-		
A5.1.12.6.2 Export Nacelle Interface Unit (NIU) data								-	-		
A5.1.12.6.3 Import/export engine data								-	-		
A5.1.13. Aircraft communications equipment											
A5.1.13.1 Use Intercommunication System (ICS) control panel TR: TO 1C-130J-2-23JG-50-1	5							2b	-		
A5.1.13.2. Operate radios											
A5.1.13.2.1 Get home control panel TR: TO 1C-130J-2-23JG-00-1	5							2b	-		
A5.1.13.2.2 UHF TR: TO 1C-130J-2-23JG-30-1	5							2b	-		
A5.1.13.2.3 VHF TR: TO 1C-130J-2-23JG-20-2								2b	-		
A5.1.14. Ground handling TR: AFMAN 91-203, and 11-218											
A5.1.14.1 Launch aircraft TR: AFMAN 11-218	5							2b	-		
A5.1.14.2 Recover aircraft TR: TO 1C-130J-2-10JG-00-1	5							2b	-		
A5.1.14.3 Moor aircraft TR: TO 1C-130J-2-10JG-00-1								2b	-		
A5.1.14.4 Deice aircraft TR: TO 42C-1-2 and 1C-130J-2-00GV-00-1								-	-		
A5.1.14.5. Tow aircraft TR: TO 1C-130J-2-09JG-10-1											
A5.1.14.5.1 Prepare aircraft for tow	5							b	-		
A5.1.14.5.2 Perform wing walker duties	5							b	-		
A5.1.14.5.3 Perform tail walker duties	5							b	-		
A5.1.14.5.4 Perform brake operator duties	5							b	-		
A5.1.14.5.5 Perform hand pump operator duties	5							b	-		
A5.1.14.5.6 Perform tow team supervisor duties	7							-	-		
A5.1.14.5.7 Perform tow vehicle operator duties								-	-		
A5.1.14.6. Jack aircraft TR: TO 1C-130J-2-07JG-00- 1, -07JG-10-1 and AFMAN 91-203											
A5.1.14.6.1 Perform plumb bob monitor duties	5R								-		
A5.1.14.6.2 Perform wing jack team member duties	5R						-		-		
A5.1.14.6.3 Perform nose jack team member duties	5R						-		-		
A5.1.14.6.4 Perform jacking supervisor duties	7R						-	-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.1.14.6.5	Jack nose of aircraft using fuselage jacks							-	-		
A5.1.14.6.6	Perform axle jack Nose Landing Gear (NLG) duties	5						2b	-		
A5.1.14.6.7	Perform axle jack Main Landing Gear (MLG) duties	5						2b	-		
A5.1.14.6.8	Cradle aircraft for major maintenance TR: TO 1C-130J-3							-	-		
A5.1.15	Remove/install and inspect -21 equipment TR: TO 1C-130J-21							-	-		
A5.1.16.	Enhanced Cargo Handling System (ECHS) TR: TO 1C-130J-2-25JG-00- 1-1										
A5.1.16.1	Inspect							-	-		
A5.1.16.2	Perform lock calibration							-	-		
A5.1.16.3	Perform lock duct out check							-	-		
A5.1.16.4	Perform operational checkout							-	-		
A5.1.16.5.	Remove/install										
A5.1.16.5.1	Electric locks							-	-		
A5.1.16.5.2	Center rails							-	-		
A5.1.16.5.3	Vertical restraints							-	-		
A5.1.16.5.4	Restraint rails							-	-		
A5.1.16.5.5	Pallet Lock Control Units (PLCU)							-	-		
A5.1.16.5.6	Multifunction Control Display (MFCD)							-	-		
A5.1.17.	Configure/reconfigure aircraft										
A5.1.17.1	Rolling stock/palletized cargo							2b	-		
A5.1.17.2	Passenger/personnel							1b	-		
A5.1.17.3	Tactical airlift personnel							-	-		
A5.1.17.4	Aerial Delivery System (ADS)							-	-		
A5.1.17.5	Container Delivery System (CDS)							-	-		
A5.1.17.6	Distinguished Visitor (DV)							-	-		
A5.1.17.7	Aero medical evacuation							-	-		
A5.1.18.	Cargo winch TR: TO 1C-130J-2-25JG-00- 1-1										
A5.1.18.1	Operate							-	-		
A5.1.18.2	Service/repair							2b	-		
A5.1.18.3	Remove/install							-	-		
A5.1.19.	Lavatory and waste system TR: TO 1C-130J-2-38JG-30-1										
A5.1.19.1	Remove/install/repair components							-	-		
A5.1.19.2	Perform inspection/operational check of components							2b	-		
A5.1.20	Inspect crew/passenger comfort facilities							-	-		
A5.1.21	Service crew/passenger comfort facilities							-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.2. AIRFRAME											
A5.2.1 Components and structure TR: TO 1C-130J-2-00GV-00-1								A	-		
A5.2.2. Door system principles of Operation											
A5.2.2.1 Crew entry door TR: TO 1C-130J-2-52JG-10-1								A	-		
A5.2.2.2 Cargo door and ramp TR: TO 1C-130J-2-52JG-30-1, -30-2								A	-		
A5.2.2.3 Paratroop doors TR: TO 1C-130J-52JG-10-2								A	-		
A5.2.2.4 Emergency escape hatches TR: TO 1C-130J-2-52JG-20-1								A	-		
A5.2.2.5 Air deflector doors TR: TO 1C-130J-2-25JG-00-1								A	-		
A5.2.3. Operate doors											
A5.2.3.1 Paratroop TR: TO 1C-130J-2-52JG-10-2								2b	-		
A5.2.3.2 Crew entry TR: TO 1C-130J-2-52JG-10-1								2b	-		
A5.2.3.3 Emergency escape hatches TR: TO 1C-130J-2-52JG-20-1								2b	-		
A5.2.3.4 Air deflector doors TR: TO 1C-130J-2-25JG-00-1								2b	-		
A5.2.3.5. Operate cargo door and ramp TR: TO 1C-130J-52JG-00-1											
A5.2.3.5.1 Normal								2b	-		
A5.2.3.5.2 Emergency								2b	-		
A5.2.4. Remove/install											
A5.2.4.1 Cowlings								-	-		
A5.2.4.2 Access Panels TR: TO 1C-130J-2-00GV-00-1	5							2b	-		
A5.2.4.3 Structural panels TR: TO 1C-130J-2-53JG-00-1								-	-		
A5.2.4.4 Windshields/windows TR: TO 1C-130J-2-56JG-00-1	7R							-	-		
A5.2.4.5 Life rafts TR: TO 1C-130J-2-25JG-00- 1-2	7							-	-		
A5.2.4.6 Pressure seals								-	-		
A5.2.4.7 Crew entry door TR: TO 1C-130J-2-52JG-10-1								-	-		
A5.2.4.8 Torque tubes TR: TO 1C-130J-2-52JG-10-1								-	-		
A5.2.4.9 Radomes								-	-		
A5.2.4.10 Leading edges TR: TO 1C-130J-2-57JG-00-1								-	-		
A5.2.4.11 Paratroop doors TR: TO 1C-130J-2-52JG-10-2								-	-		
A5.2.4.12 Cargo door and ramp TR: TO 1C-130J-2-52JG-30-2								-	-		
A5.2.4.13 Cargo door uplock TR: 1C-130J-2-52JG-30-1								-	-		
A5.2.4.14 Cargo ramp locks TR: 1C-130J-2-52JG-30-2								-	-		
A5.2.4.15 Escape hatches TR: TO 1C-130J-2-52JG-20-1								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.2.4.16 Cargo door safety lock TR: TO 1C-130J-2-00JG-00-1								-	-		
A5.2.4.17 Static line retriever TR: TO 1C-130J-2-25JG-00- 1-2								-	-		
A5.2.4.18 Hydraulic actuator (cargo door and ramp) TR: TO 1C-130J-2-52JG-30-1 and -2								-	-		
A5.2.4.19 Negator spring TR: TO 1C-130J-2-52JG-10-1 and -2								-	-		
A5.2.4.20 Parachute initiation device TR: TO 1C-130J-2-25JG-00- 1-2								-	-		
A5.2.4.21 Air deflector doors actuator TR: TO 1C-130J-2-25JG-00-1								-	-		
A5.2.4.22 Crew member seats TR: TO 1C-130J-2-25JG-00-1								-	-		
A5.2.4.23 Aircraft armor TR: TO 1C-130J-2-25JG-1-1								-	-		
A5.2.5 Rig crew entry door TR: TO 1C-130J-2-52JG-10-1								-	-		
A5.2.6 Rig paratroop doors TR: TO 1C-130J-2-52JG-10-2								-	-		
A5.2.7 Check crew entry door lower torque tube for allowable rotation TR: TO 1C-130J-2-52JG-10- 1								-	-		
A5.2.8 Rig cargo ramp and door system TR: TO 1C-130J-2-52JG-30-1 and -2								-	-		
A5.2.9 Rig cargo door uplock TR: TO 1C-130J-2-52JG-30-1								-	-		
A5.2.10 Troubleshoot cargo ramp and door system TR: TO 1C-130J-2-52JG-30-1 and -2								-	-		
A5.2.11 Rig center escape hatch TR: TO 1C-130J-2-52JG-20-1								-	-		
A5.2.12. Open/close											
A5.2.12.1 Cowling TR: TO 1C-130J-2-00GV-00-1								2b	-		
A5.2.12.2 Radomes TR: TO 1C-130J-2-00JG-00-1								-	-		
A5.3. LANDING GEAR SYSTEMS											
A5.3.1 Components and system operation TR: TO 1C-130J-2-32GS-00-1								A	-		
A5.3.2 Determine serviceability of aircraft tires TR: TOs 1C-130J-2-00GV- 00-1, 1C-130H-2-00GE-00-1 and 4T-1-3	5							2b	-		
A5.3.3 Troubleshoot								-	-		
A5.3.4. Perform operational check											
A5.3.4.1 Landing gear retraction member duties TR: TO 1C-130J-2-32JG-00-1								-	-		
A5.3.4.2 Landing gear retraction supervisor duties TR: TO 1C-130J-2-32JG-00-1								-	-		
A5.3.4.3 Steering system TR: TO 1C-130J-2-32JG-50-1								-	-		
A5.3.4.4 Anti-skid TR: TO 1C-130J-2-32JG-40-1								-	-		
A5.3.5. Service TR: TO 1C-130J-2-12JG-10-2											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.3.5.1 Tires	5							2b	-		
A5.3.5.2 Shock strut (alternate method)	5							2b	-		
A5.3.5.3 Shock strut (preferred method)								-	-		
A5.3.6. Remove/install TR: TOs 1C-130J-2-32JG-10- 1, 20-1, 40-1, and 50-1											
A5.3.6.1 NLG wheel and tire assemblies	5							2b	-		
A5.3.6.2 MLG wheel and tire assemblies	5							2b	-		
A5.3.6.3 NLG forward and aft door								-	-		
A5.3.6.4 NLG upper and lower torque arms								-	-		
A5.3.6.5 NLG strut								-	-		
A5.3.6.6 NLG control valve								-	-		
A5.3.6.7 MLG ball screw								-	-		
A5.3.6.8 MLG gear shoes								-	-		
A5.3.6.9 MLG gear drag pin								-	-		
A5.3.6.10 MLG gear trunnion								-	-		
A5.3.6.11 MLG friction washer								-	-		
A5.3.6.12 MLG torque strut								-	-		
A5.3.6.13 MLG strut								-	-		
A5.3.6.14 MLG motor								-	-		
A5.3.6.15 MLG gearbox								-	-		
A5.3.6.16 Main landing gear inboard and outboard doors								-	-		
A5.3.6.17 MLG emergency extension cable TR: TO 1C-130J-2-32JG-30-2								-	-		
A5.3.6.18 MLG shelf bracket TR: TO 1C-130J-2-32JG-10-1								-	-		
A5.3.6.19 NLG uplock assembly TR: TO 1C-130J-2-32JG-20-1								-	-		
A5.3.6.20 NLG steering cable TR: TO 1C-130J-2-32JG-50-1								-	-		
A5.3.7. Brakes TR: TO 1C-130J-2-32JG-40-1											
A5.3.7.1 Bleed brake system								-	-		
A5.3.7.2 Remove/install parking brake cable								-	-		
A5.3.7.3 Remove/install parking brake crossover cable								-	-		
A5.3.7.4 Perform normal MLG brake system operational check								2b	-		
A5.3.7.5 Perform emergency MLG brake system operational check								2b	-		
A5.3.7.6 Rig MLG brake system TR: TO 1C-130J-2-32JG-40-1								-	-		
A5.3.7.7 Remove/install brake assemblies								-	-		
A5.3.8. Adjust/rig TR: TO 1C-130J-2-32JG-10- 1, 32JG-20-1, 32JG-30-1, and 32JG-50-1											
A5.3.8.1 NLG forward and aft door								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.3.8.2	MLG inboard and outboard door							-	-		
A5.3.8.3	NLG steering system							-	-		
A5.3.8.4	MLG friction washer							-	-		
A5.3.9	Raise/lower forward NLG door TR: TO 1C-130J-2-00JG-00-1	5						2b	-		
A5.4.	UTILITY SYSTEMS										
A5.4.1.	Components and system operation TR: TOs 1C-130J-2-36GS-00- 1, 36JG-00-1, 21JG-00-1, 30JG-00-1, 26JG-10-1 and 20-1										
A5.4.1.1	Bleed air system							A	-		
A5.4.1.2	Wing overheat warning system							A	-		
A5.4.1.3	Air conditioning system							A	-		
A5.4.1.4	Pressurization system							-	-		
A5.4.1.5	Anti-ice/de-ice system							A	-		
A5.4.1.6	Rain protection system							A	-		
A5.4.1.7	Fire/Overheat Detection System (FODS)							A	-		
A5.4.1.8	Fire extinguishing system							A	-		
A5.4.1.9	Smoke detection system							A	-		
A5.4.2.	Operate systems										
A5.4.2.1	Bleed air TR: TO 1C-130J-2-36JG-00-1	5						2b	-		
A5.4.2.2	Air conditioning TR: TO 1C-130J-2-21JG-00-1							-	-		
A5.4.2.3	Pressurization TR: TO 1C-130J-2-21JG-30-1							-	-		
A5.4.2.4	Anti-ice/de-ice TR: TO 1C-130J-2-30JG-00-1							-	-		
A5.4.2.5	Rain protection TR: TO 1C-130J-2-30JG-00-1							-	-		
A5.4.2.6	Smoke detection TR: TO 1C-130J-2-26JG-10-1							-	-		
A5.4.2.7	FODS TR: TO 1C-130J-2-26JG-10-1	5						2b	-		
A5.4.2.8	Fire extinguishing TR: TO 1C-130J-2-26JG-20-1							-	-		
A5.4.2.9	Auxiliary Power Unit (APU) generator TR: TO 1C-130J-2-49JG-00-1							1b	-		
A5.4.3.	Inspect systems										
A5.4.3.1	Bleed air							-	-		
A5.4.3.2	Air conditioning							-	-		
A5.4.3.3	Pressurization							-	-		
A5.4.3.4	Anti-ice/de-ice							-	-		
A5.4.3.5	Rain protection							-	-		
A5.4.3.6	FODS							-	-		
A5.4.3.7	Fire extinguishing							-	-		
A5.4.4	Remove/install wiper										

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
motor/converter/blade TR: TO 1C-130J-2-30JG-00-1								-	-		
A5.4.5 Troubleshoot windshield wiper system								-	-		
A5.4.6 Remove/install bleed air V- Band couplings TR: TO 1C-130J-2-36JG-00-1								-	-		
A5.4.7. Liquid Oxygen System (LOX) TR: TOs 1C-130J-2-12JG-10- 2, 35JG-00-1, and 35GS-00-1											
A5.4.7.1 Inspect system and components								a	-		
A5.4.7.2 Service	5							2b	-		
A5.4.7.3 Troubleshoot								-	-		
A5.4.8 Remove/service/install portable oxygen bottles TR: TO 1C-130J-2-35JG-00-1	5							-	-		
A5.5. FLIGHT CONTROL SYSTEMS TR: TO 1C-130J-2-27GS-00-1											
A5.5.1 Components and system operation								A			
A5.5.2. Ailerons TR: TOs 1C-130J-2-27GS- 00-1, 27JG-00-1, -10-1, and -10-2											
A5.5.2.2 Operate flight controls	5							2b	-		
A5.5.2.3. Remove/install											
A5.5.2.3.1 Aileron								-	-		
A5.5.2.3.2 Push/pull rod								-	-		
A5.5.2.3.3 Aileron boost pack								-	-		
A5.5.2.3.4 Aileron trim tab								-	-		
A5.5.2.3.5 Aileron trim tab actuator								-	-		
A5.5.2.3.6 Aileron control cables								-	-		
A5.5.2.3.7 Aileron bell crank								-	-		
A5.5.2.3.8 Aileron pressure seals								-	-		
A5.5.2.4 Rig and adjust aileron system								-	-		
A5.5.2.5 Rig and adjust aileron trim system								-	-		
A5.5.2.6 Troubleshoot aileron system								-	-		
A5.5.3. Rudder system TR: TOs 1C-130J-2-27GS- 00-1, 27JG-00-1, -20-1, and -20-2											
A5.5.3.3. Remove/install											
A5.5.3.3.1 Rudder								-	-		
A5.5.3.3.2 Rudder control cable								-	-		
A5.5.3.3.3 Rudder pressure boots and seals								-	-		
A5.5.3.3.4 Rudder push/pull rod								-	-		
A5.5.3.3.5 Rudder trim tab								-	-		
A5.5.3.3.6 Rudder trim tab actuator								-	-		
A5.5.3.3.7 Rudder boost pack								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.5.3.4	Rig and adjust rudder							-	-		
A5.5.3.5	Rig and adjust rudder trim							-	-		
A5.5.3.6	Troubleshoot rudder							-	-		
A5.5.4.	Elevator systems TR: TOs 1C-130J-2-27GS- 00-1, 27JG-00-1, -30-1, and -30-2										
A5.5.4.1.	Remove/install										
A5.5.4.1.1	Elevators							-	-		
A5.5.4.1.2	Elevator pressure boots and seals							-	-		
A5.5.4.1.3	Elevator control cables							-	-		
A5.5.4.1.4	Elevator torque tube							-	-		
A5.5.4.1.5	Elevator trim screw jack							-	-		
A5.5.4.1.6	Elevator push/pull rod							-	-		
A5.5.4.1.7	Elevator boost pack							-	-		
A5.5.4.1.8	Elevator trim tab							-	-		
A5.5.4.1.9	Elevator trim tab actuator							-	-		
A5.5.4.1.10	Elevator trim tab flex drive							-	-		
A5.5.4.2	Rig and adjust elevator							-	-		
A5.5.4.3	Rig and adjust elevator trim							-	-		
A5.5.4.4	Troubleshoot elevator							-	-		
A5.5.5.	Stall warning system TR: TO 1C-130J-2-27GS-00- 1 and 27JG-30-3										
A5.5.5.1	Perform operational checkout							-	-		
A5.5.5.2	Remove/install stick pusher control actuator, capstan, control cables and sector assembly							-	-		
A5.5.5.3	Adjust stick pusher control cable tension							-	-		
A5.5.6.	Flap systems TR: TO 1C-130J-2-27GS-00- 1, 27JG-00-1, -50-1-1, and -50-1-2										
A5.5.6.1.	Remove/install										
A5.5.6.1.1	Flap							-	-		
A5.5.6.1.2	Flap jackscrew							-	-		
A5.5.6.1.3	Flap torque tube							-	-		
A5.5.6.1.4	Flap drive gearbox							-	-		
A5.5.6.1.5	Flap control cables							-	-		
A5.5.6.1.6	Flap manual drive cable							-	-		
A5.5.6.2	Rig and adjust flap system							-	-		
A5.5.6.3	Troubleshoot flap system							-	-		
A5.6.	HYDRAULIC SYSTEM TR: TO 1C-130J-2-29GS- 00-1, 29JG-20-1, and 00JG-00-1										

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.6.1 Components and system operation								A	-		
A5.6.2 Operate auxiliary hydraulic pump	5							2b	-		
A5.6.3 Connect/disconnect hydraulic test stand								-	-		
A5.6.4 Troubleshoot hydraulic system								-	-		
A5.6.5. Remove/install TR: TOs 1C-130J-2-29JG-30- 1, 29JG-10-1, -20-1, and -30-1											
A5.6.5.1 Pressure switches								-	-		
A5.6.5.2 Pressure transducers								-	-		
A5.6.5.3 Hydraulic pumps								-	-		
A5.6.5.4 Auxiliary hydraulic pump								-	-		
A5.6.5.5 Hydraulic accumulators								-	-		
A5.6.5.6 Ground test valve								-	-		
A5.6.6. Service TR: TO 1C-130J-2-12JG-10-2											
A5.6.6.1 Hydraulic reservoirs	5							2b	-		
A5.6.6.2 Hydraulic accumulators	5							2b	-		
A5.6.7 Rig ground test valve cable								-	-		
A5.7. ENGINES AND AUXILIARY POWER UNIT											
A5.7.1 Engine components and operation TR: TO 1C-130J-2-70GS-00-1								A	-		
A5.7.2 APU components and operation TR: TO 1C-130J-2-49GS-00-1								A	-		
A5.7.3. Operate											
A5.7.3.1 Engine and subsystems TR: TO 1C-130J-2-71JG-00-1								-	-		
A5.7.3.2 APU TR: TO 1C-130J-2-49JG-00-1	5R							1b	-		
A5.7.4. Service TR: TO 1C-130J-2-12JG-10-2											
A5.7.4.1 Engine oil system	5							2b	-		
A5.7.4.2 APU oil system	5							1b	-		
A5.7.4.3 Engine starter								b	-		
A5.7.5. Remove/install											
A5.7.5.1 Full Authority Digital Electronic Control (FADEC) TR: TO 1C-130J-2-73JG-00-1								-	-		
A5.7.5.2 Nacelle Interface Unit (NIU) TR: TO 1C-130J-2-77JG-00-1								-	-		
A5.7.5.3 Starter TR: TO 1C-130J-2-80JG-00-1								-	-		
A5.7.5.4 Starter control valve TR: TO 1C-130J-2-80JG-00-1								-	-		
A5.7.5.5 Hydraulic filters TR: TO 1C-130J-2-29JG-10-1								-	-		
A5.7.5.6 Gas generator speed switch TR: TO 1C-130J-2-77JG-00-1								-	-		
A5.7.5.7 Power turbine speed sensor TR: TO 1C-130J-2-77JG-00-1								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.7.5.8 Throttle quadrant TR: TO 1C-130J-2-76JG-00-1								-	-		
A5.7.5.9 Ignition exciter TR: TO 1C-130J-2-80JG-00-1								-	-		
A5.7.5.10 Fuel Cooled Oil Cooler (FCOC) TR: TO 1C-130J-2-79JG-00-1								-	-		
A5.7.5.11 Air/oil cooler TR: TO 1C-130J-2-79JG-00-1								-	-		
A5.7.5.12 Oil cooler flap actuator TR: TO 1C-130J-2-79JG-00-1								-	-		
A5.7.5.13 Anti-icing air valve TR: TO 1C-130J-2-75JG-00-1								-	-		
A5.7.5.14 Pressure and scavenge oil filters TR: TO 1C-130J-2-79JG-00-1								-	-		
A5.7.5.15 Generator TR: TO 1C-130J-2-24JG-20-1								-	-		
A5.7.5.16 Engine driven hydraulic pump TR: TO 1C-130J-2-29JG-10-1								-	-		
A5.7.5.17 Bleed air valve TR: TO 1C-130J-2-75JG-00-1								-	-		
A5.7.6 Perform engine removal preparation								-	-		
A5.7.7 Perform engine installation preparation inspection TR: TO 1C-130J-6								-	-		
A5.7.8. APU TR: TOs 1C-130J-2-24JG-20- 1 and 49JG-00-1											
A5.7.8.1. Remove/install											
A5.7.8.1.1 Generator								-	-		
A5.7.8.1.2 Starter								-	-		
A5.7.8.1.3 Inlet door								-	-		
A5.7.8.1.4 Electronic 3 Speed Switch (E3SS)								-	-		
A5.7.8.1.5 Electronic Temperature and Acceleration Control (ETAC)								-	-		
A5.7.8.2 Troubleshoot								-	-		
A5.7.9. Propellers TR: TO 1C-130J-2-61GS-00-1											
A5.7.9.1 Components and system operation								A	-		
A5.7.9.2 Perform static ground operation								-	-		
A5.7.9.3 Inspect propeller system								-	-		
A5.7.9.4. Remove/install TR: TO 1C-130J-2-61JG-00- 1 and 30JG-00-1											
A5.7.9.4.1 Propeller assembly								-	-		
A5.7.9.4.2 Pitch Control Unit (PCU)								-	-		
A5.7.9.4.3 PCU pressure switch								-	-		
A5.7.9.4.4 Brush block assembly								-	-		
A5.7.9.4.5 Auxiliary feather pump								-	-		
A5.7.9.4.6 Overspeed governor and high pressure pump								-	-		
A5.7.9.4.7 Spinner								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.7.9.4.8 Beta tube								-	-		
A5.7.9.5 Adjust beta tube TR: TO 1C-130J-2-61JG-00-1								-	-		
A5.7.9.6 Troubleshoot								-	-		
A5.8. AIRCRAFT FUEL SYSTEMS TR: TOs 1C-130J-2-28GS- 00-1, 28JG-00-1, and 12JG-10-1											
A5.8.1 Components and operation								A	-		
A5.8.2 Remove/install fuel control panel								-	-		
A5.8.3 Service fuel surge suppressor								-	-		
A5.8.4 Perform ground transfer	5							2b	-		
A5.8.5 Prepare aircraft for fuel cell maintenance								-	-		
A5.8.6 Troubleshoot								-	-		
A5.8.7. Refuel aircraft TR: TO 1C-130J-2-12JG-10-1											
A5.8.7.1 Perform fuel control panel operator duties	5							2b	-		
A5.8.7.2 Perform team supervisor duties	7							-	-		
A5.8.7.3 Perform concurrent refuel supervisor duties								-	-		
A5.8.8. Defuel aircraft TR: TOs 1C-130J-2-12JG-10- 1 and 28JG-00-1											
A5.8.8.1 Perform fuel control panel operator duties	5R							2b	-		
A5.8.8.2 Perform team supervisor duties	7							-	-		
A5.8.8.3 Drain residual fuel								-	-		
A5.9. ELECTRICAL SYSTEMS											
A5.9.1 Components and operation TR: TO 1C-130J-2-24GS-00-1								-	-		
A5.9.2 Service sump jar TR: TO 1C-130J-2-12JG-10-2								-	-		
A5.9.3 Troubleshoot								-	-		
A5.9.4. Connect/disconnect external electrical power TR: TO 1C-130J-2-00JG-00-1											
A5.9.4.1 Connect/disconnect external electrical power using Operational Flight Program (OFP) TR: TO 1C-130J-2-00JG-00-1	5							2b	-		
A5.9.4.2 Connect/disconnect external electrical power loading Operational Maintenance Program (OMP) TR: TO 1C-130J-2-00JG-00-1	5							2b	-		
A5.9.4.3. Transitioning between airplane software programs											
A5.9.4.3.1 OFP to OMP without removing external electrical power								-	-		
A5.9.4.3.2 OMP to OFP without removing external electrical power								-	-		
A5.9.5. Perform operational check											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.9.5.1 Regulated power supply TR: TO 1C-130J-2-24JG-30-1								-	-		
A5.9.5.2 Electrical control panel TR: TO 1C-130J-2-24JG-20-1								-	-		
A5.9.5.3 Electronic Circuit Breaker (ECB) manipulation using CNBP or CNI-MU TR: TO 1C-130J-2-00JG-00-1	5							2b	-		
A5.9.6. Operate lighting system normal and covert/Night Vision Imaging System (NVIS) TR: TO 1C-130J-2-33JG-00-1											
A5.9.6.1 Lighting System	5							2b	-		
A5.9.7. Remove/install											
A5.9.7.1 Electrical control panel TR: TO 1C-130J-2-24JG-20-1								-	-		
A5.9.7.2 Electronic Circuit Breaker Unit (ECBU) TR: TO 1C-130J-2-24JG-70-1								-	-		
A5.9.7.3 Light assemblies and components TR: TO 1C-130J-2-33JG-00-1								-	-		
A5.9.7.4 Aircraft utility/avionics batteries TR: TO 1C-130J-2-24JG-20-1	5							2b	-		
A5.9.8 Verify electrical bonding of components TR: TO 1C-130J-2-00GV-00-1	5							-	-		
A5.10. EGRESS SYSTEM											
A5.10.1 Components and operation TR: TO 1C-130J-2-25GS-00-1								-	-		
A5.10.2 Inspect egress components								-	-		
A5.11. AEROSPACE GROUND EQUIPMENT TR: AFMAN 91-203 and applicable TOs											
A5.11.1. Perform pre-use inspection and operate											
A5.11.1.1 Hydraulic test stand TR: TO 33A2-series as applicable								-	-		
A5.11.1.2 Air conditioning units TR: TO 35E9-series as applicable								-	-		
A5.11.1.3 A/M32A-95 gas turbine compressor TR: TO 35D12-series as applicable								-	-		
A5.11.1.4 Gaseous nitrogen servicing equipment TR: TO 35D3- series as applicable								-	-		
A5.11.1.5 Oil servicing carts TR: TO 35A17- series as applicable								-	-		
A5.11.1.6 Hydraulic servicing carts TR: TO 35A29- series as applicable								-	-		
A5.11.1.7 Hydromite cart TR: TO 35-1-256WC-1								-	-		
A5.12. C-130 DIFFERENCES AIRCRAFT LEGACY											
A5.12.1. Safety precautions											
A5.12.1.1 Aircraft containing ammunition or explosives TR: TO 11A-1-33, TO 1C- 130H-2-00GE-00-1								A	-		
A5.12.1.2 Pressurized aircraft TR: TO 1C-130H-2-21JG-30-1								A	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.1.3 LAIRCM equipped aircraft TR: TO 1C-130H-2-99JG-10-6								-	-		
A5.12.2. Inspections											
A5.12.2.1 Isochronal concept TR: TO 00-20-1						-	-	A	-		
A5.12.2.2. Perform inspections TR: TOs 1C-130A-6WC-10, 11, 12, 13, 14 and 15											
A5.12.2.2.1 Preflight (PR)	5							b	-		
A5.12.2.2.2 Thruflight (TH)	5							b	-		
A5.12.2.2.3 Preflight/postflight combined inspection (PR/BPO)	5							2b	-		
A5.12.2.2.4 Home Station Check (HSC)								-	-		
A5.12.2.2.5 Minor								-	-		
A5.12.2.2.6 Major								-	-		
A5.12.2.2.7 Acceptance TR: AFI 21-101								-	-		
A5.12.2.2.8 Special TR: TO 1C-130A-6								-	-		
A5.12.2.2.9 Time Change Item (TCI) TR: TO 00-20-1								-	-		
A5.12.3. Aircraft communications equipment											
A5.12.3.1 Operate AN/ARC-164 UHF communications system TR: TO 1C-130H-2-23JG-20-1	5							2b	-		
A5.12.3.2 Operate AN/ARC-186 VHF communications system TR: TO 1C-130H-2-23JG-20-1								-	-		
A5.12.3.3 Operate AN/AIC-18A-25 intercommunication system TR: TO 1C-130H-2-23JG-40-1	5							2b	-		
A5.12.4. Ground handling TR: AFMAN 11-218											
A5.12.4.1 Launch aircraft TR: AFMAN 11-218	5							-	-		
A5.12.4.2 Recover aircraft TR: TOs 1C-130H-2-10JG- 00-1 and 00GE-00-1	5							-	-		
A5.12.4.3 Moor aircraft TR: TOs 1C-130H-2-10JG- 00-1 and 00GE-00-1								2b	-		
A5.12.4.4 Deice aircraft TR: TO 42C-1-2								-	-		
A5.12.4.5 Perform concurrent servicing TR: TO 1C-130H-2-12JG-00-1								-	-		
A5.12.4.6. Tow aircraft TR: TO 1C-130H-2-09JG-10-1											
A5.12.4.6.1 Prepare aircraft for tow	5							b	-		
A5.12.4.6.2 Perform flight station (brake operator) duties	5							b	-		
A5.12.4.6.3 Perform cargo compartment (hand pump operator) duties	5							b	-		
A5.12.4.6.4 Perform wing walker duties	5							b	-		
A5.12.4.6.5 Perform tail walker duties	5							b	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.4.6.6 Perform tow vehicle operator duties								-	-		
A5.12.4.6.7 Perform tow team supervisor duties	7R							-	-		
A5.12.4.7. Jacking TR: TO 1C-130H-2-07JG-00-1 00GE-00-1 and AFMAN 91-203											
A5.12.4.7.1 Perform fuselage jack operator duties	5R							-	-		
A5.12.4.7.2 Perform wing jack operator duties	5R							-	-		
A5.12.4.7.3 Perform plumb bob monitor duties	5R							-	-		
A5.12.4.7.4 Perform jacking team supervisor duties	7R							-	-		
A5.12.4.7.5 Jack nose of aircraft using fuselage jacks	7R							-	-		
A5.12.4.7.6 Perform axle jack nose landing gear duties	5							2b	-		
A5.12.4.7.7 Perform axle jack main landing gear duties	5							2b	-		
A5.12.4.7.8 Cradle aircraft TR: TO 1C-130H-2-00GE- 00-1								-	-		
A5.12.4.7.9 Remove/install/inspect aircraft -21 equipment TR: TO 1C-130A-21 and applicable TOs								-	-		
A5.12.4.8. Cargo handling equipment											
A5.12.4.8.1. Perform operational checkout TR: TO 1C-130H-2-25JG-00-1											
A5.12.4.8.1.1 Cargo restraint rails								-	-		
A5.12.4.8.1.2 Cargo detent locks								-	-		
A5.12.4.8.1.3 Cargo winch								-	-		
A5.12.4.8.1.4 Static line retriever system								-	-		
A5.12.4.8.2. Remove/install TR: TO 1C-130H-2-25JG- 00-1 and TO 13C10-4-1											
A5.12.4.8.2.1 Cargo restraint rails									-		
A5.12.4.8.2.2 Cargo restraint rails, sections 5B & 6B for paratroop drops								-	-		
A5.12.4.8.2.3 Cargo conveyer rollers								-	-		
A5.12.4.8.2.4 Cargo detent locks								-	-		
A5.12.4.8.2.5 Static line retriever winch								-	-		
A5.12.4.8.2.6 Cargo winch								-	-		
A5.12.4.8.3. Inspect/repair											
A5.12.4.8.3.1 Cargo restraint rails TR: TO 13C10-4-1								-	-		
A5.12.4.8.3.2 Cargo conveyer rollers TR: TO 13C10-4-1								-	-		
A5.12.4.8.3.3 Detent locks TR: TOs 13C10-4-1 and 16L1-10-2-3								-	-		
A5.12.4.8.3.4 Cargo winch TR: TO 35D4-2-30-1								-	-		
A5.12.4.8.4 Service cargo winch TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.4.9. Configure/reconfigure aircraft											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: AFI 11-2C-130											
A5.12.4.9.1 Rolling stock/Palletized cargo								2b	-		
A5.12.4.9.2 Passenger/personnel								1b	-		
A5.12.4.9.3 Paratroop drop								-	-		
A5.12.4.9.4 Aerial Delivery System (ADS)								-	-		
A5.12.4.9.5 Container Delivery System (CDS)								-	-		
A5.12.4.9.6 Distinguished Visitor (DV)								-	-		
A5.12.4.9.7 Aero medical evacuation								-	-		
A5.12.4.10. Aircraft wash TR: TO 1C-130A-23											
A5.12.4.10.1 Perform wash supervisor duties								-	-		
A5.12.4.10.2 Perform wash team member duties								-	-		
A5.12.4.10.3 Perform after-wash lubrication TR: TO 1C-130H-2-12JG- 20-1								-	-		
A5.12.5. AIRFRAME											
A5.12.5.1 Airframe components and structure TR: TO 1C-130H-2-00GE- 00-1								A	-		
A5.12.5.2. Door system principles of operation TR: TO 1C-130H-2-52GS- 00-1, 1C-130H-2-00GE-00-1, 1C-130H-2-25JG-00-1											
A5.12.5.2.1 Crew entry door								A	-		
A5.12.5.2.2 Cargo door and ramp								A	-		
A5.12.5.2.3 Paratroop doors								A	-		
A5.12.5.2.4 Air deflector doors								-	-		
A5.12.5.2.5 Emergency Escape hatch								A			
A5.12.5.3. Operate TR: TO 1C-130H-2-52JG- 00-1, -10-2, -10-1 and 25JG-00-1											
A5.12.5.3.1 Cargo door and ramp using auxiliary hydraulic system electrically driven pump								2b	-		
A5.12.5.3.2 Cargo door and ramp using auxiliary hydraulic system, hand pump								1b			
A5.12.5.3.3 Paratroop doors								2b	-		
A5.12.5.3.4 Crew entry door								2b	-		
A5.12.5.3.5 Air deflector doors								2b	-		
A5.12.5.4. Remove/install											
A5.12.5.4.1 Nacelle access doors TR: TO 1C-130H-2-00GE- 00-1								-	-		
A5.12.5.4.2 Access panels TR: TO 1C-130H-2-00GE- 00-1	5							2b	-		
A5.12.5.4.3 Structural panels TR: TO 1C-130H-3								-	-		
A5.12.5.4.4 Crew member seats TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.5.4.5 NESA windshields/windows TR: TO 1C-130H-2-56JG- 00-1	7R							-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.5.4.6 Non-NESA windows TR: TO 1C-130H-2-56JG- 00-1	7R							-	-		
A5.12.5.4.7 Wing life raft TR: TO 1C-130H-2-25JG- 00-1	7R							-	-		
A5.12.5.4.8 Wing life raft stowage compartment liner TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.5.4.9 Door and ramp pressure seals TR: TO 1C-130H-2-52JG- 00-1								-	-		
A5.12.5.4.10 Crew entry door TR: TO 1C-130H-2-52JG- 10-1								-	-		
A5.12.5.4.10.1 Crew entry door torque tubes TR: TO 1C-130H-2-52JG-10-1								-	-		
A5.12.5.4.11 Radome TR: TO 1C-130H-2-05JG- 00-1								-	-		
A5.12.5.4.12 Leading edges TR: TO 1C-130H-2-51JG- 00-1								-	-		
A5.12.5.4.13 Paratroop doors TR: TO 1C-130H-2-52JG- 10-2								-	-		
A5.12.5.4.14 Cargo door TR: TO 1C-130H-2-52JG- 30-1								-	-		
A5.12.5.4.15 Cargo door uplock TR: TO 1C-130H-2-52JG- 30-1								-	-		
A5.12.5.4.16 Cargo ramp TR: TO 1C-130H-2-52JG- 30-2								-	-		
A5.12.5.4.17 Cargo ramp locks TR: TO 1C-130H-2-52JG- 30-2								-	-		
A5.12.5.4.18 Side emergency escape hatches TR: TO 1C-130H-2-52JG- 20-1								2b	-		
A5.12.5.4.19 Forward and aft top emergency escape hatches TR: TO 1C-130H-2-52JG- 20-1								2b	-		
A5.12.5.4.20 Center top emergency escape hatch TR: TO 1C-130H-2-52JG- 20-1								-	-		
A5.12.5.4.21 Static line retrievers TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.5.4.22 Bomb rack TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.5.4.23 Negator spring and counterbalance mechanism TR: TO 1C-130H-2-52JG- 10-2								-	-		
A5.12.5.4.24 V-band coupling TR: TO 1C-130H-2-30JG- 00-1-1								-	-		
A5.12.5.4.25 Air deflector door actuator TR: TO 1C-130H-2-25JG-00-1								-	-		
A5.12.5.5. Rig TR: TO 1C-130H-2-52JG series TOs											
A5.12.5.5.1 Paratroop doors								-	-		
A5.12.5.5.2 Crew entry door								-	-		
A5.12.5.5.3 Cargo ramp								-	-		
A5.12.5.5.4 Cargo door system								-	-		
A5.12.5.6 Check crew entry door lower torque tube for allowable rotation TR: TO 1C-130H-2-52JG- 10-1								-	-		
A5.12.5.7 Troubleshoot ramp system TR: TO 1C-130H-2-52FI-00-1								-	-		
A5.12.5.8 Troubleshoot cargo door system TR: TO 1C-130H-2-52FI-00-1								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.5.9. Open/close											
A5.12.5.9.1 Cowlings TR: TO 1C-130H-2-00GE-00- 1								2b	-		
A5.12.5.9.2 Nose radome TR: TO 1C-130H-2-05JG-00- 1								-	-		
A5.12.5.10 Raise/lower forward nose landing gear door TR: TO 1C130H-2-32JG-20- 1	5							2b	-		
A5.12.5.11 Inspect/service crew/passenger comfort facilities TR: TO 1C-130H-2-25JG- 00-1								-	-		
A5.12.6. LANDING GEAR SYSTEMS											
A5.12.6.1 Components and system operation TR: TO 1C-130H-2-32GS- 00-1								A	-		
A5.12.6.2 Serviceability of tires								2b			
A5.12.6.2.1 Troubleshoot TR: TOs 1C-130H-2-32FI- 00-1-1, and 1C-130H-2-32FI-00-1-2								-	-		
A5.12.6.3. Perform landing gear operational check TR: TO 1C-130H-2-32JG- 10-1											
A5.12.6.3.1 Team member duties								-	-		
A5.12.6.3.2 Supervisor duties								-	-		
A5.12.6.3.3 Steering system TR: TO 1C-130H-2-32JG- 50-1								-	-		
A5.12.6.3.4 Anti-skid TR: TO 1C-130H-2-32JG- 40-1								-	-		
A5.12.6.4. Service											
A5.12.6.4.1 Tires TR: TOs 1C-130H-2-12JG- 10-2 and 00GE-00-1	5							2b	-		
A5.12.6.4.2 Shock strut (alternate method) TR: TO 1C-130H-2-12JG- 10-2	5							2b	-		
A5.12.6.4.3 Shock strut (preferred method) TR: TO 1C-130H-2-12JG- 10-2								-	-		
A5.12.6.4.4 Shock strut with Hydromite TR: TO 1C-130J-2-12JG-10-2								-	-		
A5.12.6.5. Remove/install TR: TO 1C-130H-2-32JG- 10-1, 32JG-20-1, 32JG-40-1, and 32JG-50-1											
A5.12.6.5.1 NLG wheel and tire assembly	5							2b	-		
A5.12.6.5.2 MLG wheel and tire assembly	5							2b	-		
A5.12.6.5.3 Brake assembly								-	-		
A5.12.6.5.4 NLG forward and aft doors								-	-		
A5.12.6.5.5 NLG strut								-	-		
A5.12.6.5.6 NLG steering control valve								-	-		
A5.12.6.5.7 MLG ball screw								-	-		
A5.12.6.5.8 MLG track shoes								-	-		
A5.12.6.5.9 MLG drag pin								-	-		
A5.12.6.5.10 MLG ballscrew trunnion assembly								-	-		
A5.12.6.5.11 MLG friction washer, cap, nut and								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
spacer											
A5.12.6.5.12 MLG torque strut								-	-		
A5.12.6.5.13 MLG shock strut assembly								-	-		
A5.12.6.5.14 MLG hydraulic motor								-	-		
A5.12.6.5.15 MLG manual gear box assembly								-	-		
A5.12.6.5.16 MLG inboard and outboard doors								-	-		
A5.12.6.5.17 MLG emergency extension cable								-	-		
A5.12.6.5.18 MLG shelf bracket								-	-		
A5.12.6.5.19 NLG uplock								-	-		
A5.12.6.5.20 NLG steering cable								-	-		
A5.12.6.6. Brakes TR: TO 1C-130H-2-32JG- 40-1											
A5.12.6.6.1 Bleed brake system								-	-		
A5.12.6.6.2 Remove/install MLG parking brake cable								-	-		
A5.12.6.6.3 Remove/install parking brake crossover cables								-	-		
A5.12.6.6.4 Perform operational check of MLG normal brake system								2b	-		
A5.12.6.6.5 Perform operational check of MLG emergency brake system								2b	-		
A5.12.6.6.6. Adjust/rig TR: 1C-130H-2-32JG-10-1, 32JG-20-1, 32JG-50-1											
A5.12.6.6.6.1 NLG steering valve								-	-		
A5.12.6.6.6.2 NLG forward and aft doors								-	-		
A5.12.6.6.6.3 MLG inboard and outboard doors								-	-		
A5.12.6.6.6.4 MLG track shoes								-	-		
A5.12.6.6.6.5 MLG brake system								-	-		
A5.12.7. UTILITY SYSTEMS											
A5.12.7.1. Components and system operation TR: 1C-130H-2-21GS-00-1, 26GS-00-1, 30GS-00-1											
A5.12.7.1.1 Bleed air								A	-		
A5.12.7.1.2 Wing overheat warning system								A	-		
A5.12.7.1.3 Air conditioning								A	-		
A5.12.7.1.4 Pressurization								-	-		
A5.12.7.1.5 Anti-ice/de-ice								A	-		
A5.12.7.1.6 Fire/overheat detection/warning								A	-		
A5.12.7.1.7 Fire extinguishing								A	-		
A5.12.7.1.8 Rain Protection								A			
A5.12.7.2. Operate systems											
A5.12.7.2.1 Bleed air TR: TO 1C-130H-2-21JG- 10-1	5							2b	-		
A5.12.7.2.2 Air conditioning											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TO 1C-130H-2-21JG- 00-1								-	-		
A5.12.7.2.3 Pressurization TR: TO 1C-130H-2-21JG- 30-1								-	-		
A5.12.7.2.4 Anti-ice/de-ice TR: TO 1C-130H-2-30JG- 00-1								-	-		
A5.12.7.2.5 Windshield wiper TR: TO 1C-130H-2-30JG- 00-1								-	-		
A5.12.7.2.6 Fire/overheat warning TR: TO 1C-130H-2-26JG- 10-1	5							2b	-		
A5.12.7.2.7 Fire extinguishing TR: TO 1C-130H-2-26GS 00-1								-	-		
A5.12.7.2.8 ATM TR: TO 1C-130E-2-49JG-00- 1-1								-	-		
A5.12.7.2.9 Auxiliary Power Unit (APU) generator TR: TO 1C-130H-2-24JG- 20-1								1b	-		
A5.12.7.3. Remove/install TR: 1C-130H-2-30JG-00-1-1											
A5.12.7.3.1 Windshield wiper motor								-	-		
A5.12.7.3.2 Windshield wiper converter								-	-		
A5.12.7.3.3 Windshield wiper flexdrive cable								-	-		
A5.12.7.3.4 Windshield wiper arm assemblies								-	-		
A5.12.7.3.5 Windshield wiper blades								-	-		
A5.12.7.4. Inspect systems TR: TO 1C-130H-2-30JG- 00-1, 21JG-10-1, 21JG-00-1, 21JG-30-1 and 26JG-10-1											
A5.12.7.4.1 Bleed air								-	-		
A5.12.7.4.2 Air conditioning								-	-		
A5.12.7.4.3 Pressurization								-	-		
A5.12.7.4.4 Anti-ice/de-ice								-	-		
A5.12.7.4.5 Windshield wiper								-	-		
A5.12.7.4.6 Fire/overheat warning								-	-		
A5.12.7.4.7 Fire extinguishing								-	-		
A5.12.7.4.8 ATM TR: TO 1C-130H-2-49JG- 00-1-1								-	-		
A5.12.7.5 Troubleshoot windshield wiper system TR: TO 1C-130H-2-30FI-00-1								-	-		
A5.12.7.6 Detect aircraft pressure leaks TR: TO 1C-130H-2-21JG- 30-1								-	-		
A5.12.7.7. Liquid Oxygen system (LOX) TR: TO 1C-130H-2-12JG- 10-2, 35JG-00-1, and 35GS-00-1											
A5.12.7.7.1 Inspect system and components								a	-		
A5.12.7.7.2 Service	5							2b	-		
A5.12.7.7.3 Troubleshoot								-	-		
A5.12.7.7.4 Remove, service, install portable bottles								-	-		
A5.12.8. FLIGHT CONTROL SYSTEMS TR: TO 1C-130H-2-27GS- 00-1 and 1C-130H-2-27FI-00-1											

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.8.1 Components and system operation								A	-		
A5.12.8.2 Operate flight controls	5							2b	-		
A5.12.8.3 Troubleshoot ailerons								-	-		
A5.12.8.4 Troubleshoot rudders								-	-		
A5.12.8.5 Troubleshoot elevators								-	-		
A5.12.8.6 Troubleshoot flaps								-	-		
A5.12.8.7. Aileron system											
A5.12.8.7.1. Remove/install TR: TO 1C-130H-2-27JG- 10-1 and 27JG-10-2											
A5.12.8.7.1.1 Aileron								-	-		
A5.12.8.7.1.2 Push/pull rod								-	-		
A5.12.8.7.1.3 Booster assembly								-	-		
A5.12.8.7.1.4 Trim tab								-	-		
A5.12.8.7.1.5 Trim tab actuator								-	-		
A5.12.8.7.1.6 Control cables								-	-		
A5.12.8.7.1.7 Bellcrank								-	-		
A5.12.8.7.1.8 Pressure seals								-	-		
A5.12.8.7.2 Rig/adjust aileron system								-	-		
A5.12.8.7.3 Rig/adjust aileron trim system								-	-		
A5.12.8.8. Rudder system											
A5.12.8.8.1. Remove/install TR: TO 1C-130H-2-27JG- 20-1 and 27JG-20-2											
A5.12.8.8.1.1 Rudder								-	-		
A5.12.8.8.1.2 Push/pull rod								-	-		
A5.12.8.8.1.3 Trim tab								-	-		
A5.12.8.8.1.4 Trim tab actuator								-	-		
A5.12.8.8.1.5 Booster assembly								-	-		
A5.12.8.8.1.6 Control cables								-	-		
A5.12.8.8.1.7 Pressure boots and seals								-	-		
A5.12.8.8.2 Rig/adjust rudder system								-	-		
A5.12.8.8.3 Rig/adjust rudder trim system								-	-		
A5.12.8.9. Elevator system											
A5.12.8.9.1. Remove/install TR: TO 1C-130H-2-27JG- 30-1 and 27JG-30-2											
A5.12.8.9.1.1 Elevator								-	-		
A5.12.8.9.1.2 Push/pull rod								-	-		
A5.12.8.9.1.3 Booster assembly								-	-		
A5.12.8.9.1.4 Trim tab								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.8.9.1.5 Trim tab actuator								-	-		
A5.12.8.9.1.6 Trim tab flexible driveshaft								-	-		
A5.12.8.9.1.7 Control cables								-	-		
A5.12.8.9.1.8 Torque tubes								-	-		
A5.12.8.9.1.9 Trim screw jacks								-	-		
A5.12.8.9.1.10 Pressure boots and seals								-	-		
A5.12.8.9.2 Rig/adjust elevator system								-	-		
A5.12.8.9.3 Rig/adjust elevator trim system								-	-		
A5.12.8.10. Flap system											
A5.12.8.10.1. Remove/install TR: TO 1C-130H-2-27JG- 50-1-1 and 27JG-50-1-2											
A5.12.8.10.1.1 Flap								-	-		
A5.12.8.10.1.2 Torque shafts and bearings								-	-		
A5.12.8.10.1.3 Actuator assembly								-	-		
A5.12.8.10.1.4 Manual drive cable								-	-		
A5.12.8.10.1.5 Control cables								-	-		
A5.12.8.10.1.6 Drive gearbox								-	-		
A5.12.8.10.2 Rig/adjust flap system								-	-		
A5.12.9. HYDRAULIC SYSTEMS TR: TO 1C-130H-2-29GS- 00-1-1											
A5.12.9.1 Components and system operation								A	-		
A5.12.9.2 Troubleshoot system TR: TO 1C-130H-2-29FI-00-1								-	-		
A5.12.9.3. Service TR: TO 1C-130H-2-12JG- 10-2									-		
A5.12.9.3.1 Hydraulic reservoirs	5							2b	-		
A5.12.9.3.2 Hydraulic accumulators	5							2b	-		
A5.12.9.4 Operate auxiliary hydraulic system TR: TO 1C-130H-2-29JG- 00-1-2	5							2b	-		
A5.12.9.5. Remove/install TR: TO 1C-130H-2-29JG- 00-1-1 and 29JG-1-2											
A5.12.9.5.1 Pressure switches								-	-		
A5.12.9.5.2 Pressure transmitters								-	-		
A5.12.9.5.3 Engine driven hydraulic pump								-	-		
A5.12.9.5.4 Auxiliary hydraulic pump								-	-		
A5.12.9.5.5 Booster or utility system accumulator								-	-		
A5.12.9.5.6 Auxiliary system accumulator								-	-		
A5.12.9.5.7 Ground test valve								-	-		
A5.12.9.6 Rig ground test valve cable TR: TO 1C-130H-2-29JG- 00-1-2								-	-		
A5.12.9.7 Connect/disconnect hydraulic test stand TR: TO 1C-130H-2-05JG- 00-1								-	-		

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1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.10. POWER PLANT SYSTEMS TR: TO 1C-130H-2-70GS- 00-1											
A5.12.10.1 Components and system operation								A	-		
A5.12.10.2 APU components and system operation TR: TO 1C-130H-2-49GS- 00-1								A	-		
A5.12.10.3 GTC components and system operation TR: TO 1C-130E-2-49GS- 00-1								-	-		
A5.12.10.4 Troubleshoot engine system TR: TO 1C-130H-2-70FI-00- 1-2								-	-		
A5.12.10.5. Operate											
A5.12.10.5.1 Power plant TR: TO 1C-130H-2-71JG- 00-1								-	-		
A5.12.10.5.2 APU TR: TO 1C-130H-2-49JG- 00-1-1	5R							1b	-		
A5.12.10.5.3 GTC TR: TO 1C-130E-2-49JG-00- 1-1	5R							-	-		
A5.12.10.6. Service TR: 1C-130H-2-12JG-10-2											
A5.12.10.6.1 Engine oil system	5							2b	-		
A5.12.10.6.2 APU oil tank	5							1b	-		
A5.12.10.6.3 GTC oil tank	5							-	-		
A5.12.10.6.4 Engine starter								b	-		
A5.12.10.7. Remove/install											
A5.12.10.7.1 Starter TR: TO 1C-130H-2-80JG- 00-1								-	-		
A5.12.10.7.2 Starter control valve TR: TO 1C-130H-2-80JG- 00-1								-	-		
A5.12.10.7.3 Fuel and oil filters TR: TO 1C-130H-2-80JG- 00-1								-	-		
A5.12.10.7.4 Tailpipe TR: TO 1C-130H-2-71JG- 00-2								-	-		
A5.12.10.7.5 Tachometer generator TR: TO 1C-130H-2-77JG- 00-1								-	-		
A5.12.10.7.6 Throttle and condition lever components TR: TO 1C-130H-2-76JG- 00-1								-	-		
A5.12.10.7.7 Ignition relay TR: TO 1C-130H-2-80JG- 00-1								-	-		
A5.12.10.7.8 Speed switch TR: TO 1C-130H-2-80JG- 00-1								-	-		
A5.12.10.7.9 Oil cooler TR: TO 1C-130H-2-79JG- 00-1								-	-		
A5.12.10.7.10 Oil cooler flap actuator TR: TO 1C-130H-2-79JG- 00-1								-	-		
A5.12.10.7.11 Inlet anti-ice valve TR: TO 1C-130H-2-75JG- 00-1								-	-		
A5.12.10.7.12 Fuel heater strainer TR: TO 1C-130H-2-73JG- 00-1								-	-		
A5.12.10.7.13 External scavenge oil filter element TR: TO 1C-130H-2-79JG- 20-1								-	-		
A5.12.10.7.14 Generator and disconnect assembly TR: TO 1C-130H-2-24JG- 20-1								-	-		
A5.12.10.7.15 Bleed air shutoff valve TR: TO 1C-130H-2-21JG- 10-1								-	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.10.8. Remove/install APU/GTC components											
A5.12.10.8.1 Generator TR: TO 1C-130H-2-24JG- 20-1								-	-		
A5.12.10.8.2 Speed switch TR: TO 1C-130H-2-49JG- 00-1-1								-	-		
A5.12.10.8.3 APU TR: TO 1C-130H-2-49JG- 00-1-1								-	-		
A5.12.10.8.4 GTC TR: TO 1C-130E-2-49JG-00- 1-1								-	-		
A5.12.10.9. Engine removal and installation TR: TO 1C-130H-2-71JG- 00-2											
A5.12.10.9.1 Perform engine removal preparation								-	-		
A5.12.10.9.2 Perform engine installation preparation inspection								-	-		
A5.12.10.10 Adjust/rig engine throttle and condition lever cables TR: TO 1C-130H-2-76JG-00-1								-	-		
A5.12.10.11. PROPELLERS											
A5.12.10.11.1 Components and system operation TR: TO 1C-130H-2-61GS- 00-1								A	-		
A5.12.10.11.2 Service propeller TR: TO 1C-130H-2-12JG-10-2	5							b	-		
A5.12.10.11.3 Remove/install propeller assembly TR: TO 1C-130H-2-61JG-10-1								-	-		
A5.12.10.11.4 Remove/install propellerbrush block assembly TR: TO 1C-130H-2-61JG-10-1								-	-		
A5.12.10.11.5 Remove/install propeller after body TR: TO 1C-130H-2-61JG-10-1								-	-		
A5.12.10.11.6 Remove/install synchrophaser TR: TO 1C-130H-2-61JG-20-1								-	-		
A5.12.10.11.7 Troubleshoot propeller system TR: TO 1C-130H-2-61FI-00-1								-	-		
A5.12.11. FUEL SYSTEM											
A5.12.11.1 Components and system operation TR: TO 1C-130H-2-28GS- 00-1								A	-		
A5.12.11.2 Troubleshoot fuel system TR: TOs 1C-130H-2-28FI- 00-1-1, 28FI-00-1-2, -1-3,-1-4 and -2-1								-	-		
A5.12.11.3. Service TR: TOs 1C-130H-2-12JG- 10-1 and 00-25-172											
A5.12.11.3.1. Refuel											
A5.12.11.3.1.1 Perform Single Point Refueling (SPR) panel operator duties	5							2b	-		
A5.12.11.3.1.2 Perform supervisor duties	7							-	-		
A5.12.11.3.1.3 Perform concurrent servicing supervisor duties								-	-		
A5.12.11.3.2. Defuel											
A5.12.11.3.2.1 Perform SPR panel operator duties	5							b	-		
A5.12.11.3.2.2 Perform flight station panel operator duties	5							b	-		
A5.12.11.3.2.3 Perform supervisor duties	7							-	-		
A5.12.11.3.3 Perform ground transfer TR: TO 1C-130H-2-12JG-10-1	5							2b	-		

C-130 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A5.12.11.3.4 Drain residual fuel from tanks TR: TO 1C-130H-2-28JG-00-1								-	-		
A5.12.11.3.5 Service fuel surge suppressor								-	-		
A5.12.11.4. In-Flight Refueling (IFR) system (Fletcher pods)											
A5.12.11.4.1 Components and system operation TR: TO 1C-130H-2-28GS- 00-1								-	-		
A5.12.11.4.2 Perform operational check								-	-		
A5.12.11.4.3. Remove/install TR: TO 1C-130H-2-28JG-20-2											
A5.12.11.4.3.1 Reel								-	-		
A5.12.11.4.3.2 Hose								-	-		
A5.12.11.4.3.3 Para-drogue								-	-		
A5.12.11.5. In-flight refueling system (MCARS pods) TR: TO 1C-130(M)H-2- 44GS-00-1 and 44JG-00-1											
A5.12.11.5.1 Components and system operation								-	-		
A5.12.11.5.2 Apply system power								-	-		
A5.12.11.5.3 Perform operational check								-	-		
A5.12.11.5.4 Perform IBIT test								-	-		
A5.12.11.5.5 Remove/install TR: TO 1C-130(M)H-2- 44JG-30-1 and 44JG-00-1											
A5.12.11.5.5.1 Hose								-	-		
A5.12.11.5.5.2 Variable speed drogue								-	-		
A5.12.11.5.5.3 Prime/drain pod/pylon assembly								-	-		
A5.12.11.5.6 Pressurize/leak check pod/pylon assembly								-	-		
A5.12.11.5.7 Lube pod/pylon assembly and components TR: TO 1C-130A-6								-	-		
A5.12.12. ELECTRICAL SYSTEMS											
A5.12.12.1 Components and system operation TR: TO 1C-130H-2-24GS- 00-1								A	-		
A5.12.12.2 Connect and disconnect external electrical power TR: TO 1C-130H-2-05JG-00-1	5							2b	-		
A5.12.12.3 Troubleshoot system TR: TO 1C-130H-2-24FI-00- 1-1, -1-2, -2								-	-		
A5.12.12.4. Perform operational check											
A5.12.12.4.1 Electrical power supply system TR: TO 1C-130H-2-24JG- 20-1								-	-		
A5.12.12.4.2 Lighting system TR: TO 1C-130H-2-33JG- 00-1								2b	-		
A5.12.12.5. Remove/install											
A5.12.12.5.1 Light assemblies and components TR: TO 1C-130H-2-33JG- 00-1								-	-		
A5.12.12.5.2 Airplane and SCNS batteries TR: TO 1C-130H-2-24JG- 30-1	5							2b	-		

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C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
NOTE 1: Use this attachment in conjunction with STS 2A5X1 Attachment 2. NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time. NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.											
A6.1. AIRCRAFT GENERAL, C-5M											
A6.1.1. Safety precautions pertaining to: TR: AFI 32-2001; TOs 00-20-1, 00-25-172, and 1C-5M-2-1											
A6.1.1.1 High intensity sound								-	-		
A6.1.1.2 Housekeeping								-	-		
A6.1.1.3 Danger areas								-	-		
A6.1.1.4 Inspect and position ground fire extinguishers	5							-	-		
A6.1.2 Use C-5 technical orders	5							-	-		
A6.1.3. Maintenance Data Documentation (MDD)								-			
A6.1.3.1 Document AFTO Form 781H	5							-	-		
A6.1.3.2 Document AFTO Form 781A	5							-	-		
A6.1.3.3 Document AFTO Form 781J	5							-	-		
A6.1.3.4 Document AFTO Form 781K	5							-	-		
A6.1.3.5 Document AFTO Form 781F	5							-	-		
A6.1.4. Perform inspections TR: TOs: 1C-5M-6 and applicable 1C-5M-6WC's								-			
A6.1.4.1 Preflight	5							-	-		
A6.1.4.2 Thru flight	5							-	-		
A6.1.4.3 Basic post flight	5							-	-		
A6.1.4.4 Home station check								-	-		
A6.1.4.5 Minor								-	-		
A6.1.4.6 Major								-	-		
A6.1.4.7 Acceptance								-	-		
A6.1.4.8 Calendar								-	-		
A6.1.4.9 Special								-	-		
A6.1.4.10 Time change item								-	-		
A6.1.4.11 Dropped Object Prevention Program (DOPP) Inspection								-	-		
A6.1.4.12 Quick-turn								-	-		
A6.1.5. Communications systems TR: TO 1C-5M-2 Series								-			
A6.1.5.1 Operate VHF, UHF and HF TR: 1C-5M-2-8-1	5							-	-		
A6.1.5.1.2 Operate interphone system	5							-	-		
A6.1.6. Perform ground handling TR: TO 1C-5M-2-1								-			
A6.1.6.1 Launch aircraft	5							-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.1.6.2 Recover aircraft	5							-	-		
A6.1.6.3 Select and use restraint harnesses	5							-	-		
A6.1.6.4 Perform cold weather procedures								-	-		
A6.1.6.5 Verify aircraft center of gravity								-	-		
A6.1.6.6. Tow aircraft TR: TO 1C-5M-2-1								-			
A6.1.6.6.1 Tow procedures	5							-	-		
A6.1.6.6.2 Prepare aircraft for tow	5							-	-		
A6.1.6.6.3 Perform wing walker duties	5							-	-		
A6.1.6.6.4 Perform tail walker duties	5							-	-		
A6.1.6.6.5 Perform brake operator duties	5							-	-		
A6.1.6.6.6 Perform panel operator duties	5							-	-		
A6.1.6.6.7 Perform tow supervisor duties	7							-	-		
A6.1.6.6.8 Perform tow vehicle operator duties								-	-		
A6.1.6.7. Jack aircraft TR: TOs 1C-5M-2-1, 1C-5M-5, and 01-1B-40 Section Module								-			
A6.1.6.7.1 Perform fuselage jacking duties								-	-		
A6.1.6.7.2 Perform jacking team member duties	5							-	-		
A6.1.6.7.3 Perform jacking supervisor duties								-	-		
A6.1.6.7.4 Perform axle jacking duties	5							-	-		
A6.1.7. Reconfigure aircraft TR: TOs 1C-5M-2-1 and 1C- 5M-2-2								-			
A6.1.7.1 Rolling stock/palletized cargo								-	-		
A6.1.7.2 Passenger/personnel								-	-		
A6.1.8 Service cargo winch								-	-		
A6.1.9 Remove/install cargo winch								-	-		
A6.1.10 Operate cargo winch								-	-		
A6.1.11 Remove/install troop/passenger seats								-	-		
A6.1.12. Remove/install/repair TR: TOs 1C-5M-2-2 and 1C- 5M-21								-			
A6.1.12.1 Cargo rollers								-	-		
A6.1.12.2 Cargo rails								-	-		
A6.1.12.3 Restraint rails								-	-		
A6.1.13 Troubleshoot/adjust rails								-	-		
A6.1.14 Maintain/store configuration/-21 equipment								-	-		
A6.2. AIRFRAME TR: TO 1C-5M-2-2								-			
A6.2.1 Components and structure								-	-		
A6.2.2. Door system principles of Operation								-			
A6.2.2.1 Crew entry door								-	-		
A6.2.2.2 Forward cargo door								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.2.2.3 Aft cargo doors/ramp								-	-		
A6.2.2.4 Emergency exits								-	-		
A6.2.3. Operate doors TR: TOs 1C-5M-2-2 and 1C- 5M-2-12								-			
A6.2.3.1 Service doors	5							-	-		
A6.2.3.2. Forward cargo								-			
A6.2.3.2.1 Automatic	5							-	-		
A6.2.3.2.2 Manual								-	-		
A6.2.3.3. Aft cargo								-			
A6.2.3.3.1 Automatic	5							-	-		
A6.2.3.3.2 Manual								-	-		
A6.2.3.4 Personnel	5							-	-		
A6.2.3.5 Crew entry	5							-	-		
A6.2.4. Remove/install TR: TOs 1C-5M-2-2 and 1C- 5M-2-12								-			
A6.2.4.1 Aircraft panels	5							-	-		
A6.2.4.2 Clear vision windshieldseal								-	-		
A6.2.4.3 Crew member seats								-	-		
A6.2.4.4 Armor TR TO: 1C-5M-2-2-1								-	-		
A6.2.4.5 Windshield/windows/wipers	7R	5R						-	-		
A6.2.4.6 #2 hatch life raft Move to Egress								-	-		
A6.2.4.7 Pressure seals								-	-		
A6.2.4.8 Cargo floor rollers								-	-		
A6.2.4.9 Crew entry door								-	-		
A6.2.4.10 Troop/door ladder assembly								-	-		
A6.2.4.11 Troop/flight stationladder								-	-		
A6.2.4.12 Visor door actuator								-	-		
A6.2.4.13 Visor door conical								-	-		
A6.2.4.14 Forward ramp floor bracket								-	-		
A6.2.4.15 Forward ramp lock mechanism								-	-		
A6.2.4.16 Forward ramp								-	-		
A6.2.4.17 Forward ramp extension								-	-		
A6.2.4.18 Pressure door lock mechanism								-	-		
A6.2.4.19 Pressure door uplock mechanism								-	-		
A6.2.4.20 Ramp components								-	-		
A6.2.4.21 Aft pressure door								-	-		
A6.2.4.22 Aft center door								-	-		
A6.2.4.23 Gearbox from the aft cargo center door								-	-		
A6.2.4.24 Jackscrew from the aft center door								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.2.4.25 Aft side door latch bayonet								-	-		
A6.2.4.26 Aft cargo side door grab latch								-	-		
A6.2.4.27 Aft side door								-	-		
A6.2.4.28 Aft cargo ramp								-	-		
A6.2.4.29 Galley and equipment								-	-		
A6.2.4.30 Lavatory and waste system components	5							-	-		
A6.2.4.31 Potable water system components								-	-		
A6.2.5. Open/close TR: TO 1C-5M-2-2								-			
A6.2.5.1 Radomes								-	-		
A6.2.5.2 Escape hatches	5							-	-		
A6.2.6 Operate flight station ladder/troop compartment ladder								-	-		
A6.2.7. Rig/adjust/repair TR: TO 1C-5M-2-2								-			
A6.2.7.1 Service/personnel doors								-	-		
A6.2.7.2 Crew entry door								-	-		
A6.2.7.3 Escape hatches								-	-		
A6.2.7.4 Visor door actuator								-	-		
A6.2.7.5 Visor conical and receptacles								-	-		
A6.2.7.6 Forward ramp lock mechanism								-	-		
A6.2.7.7 Aft ramp asymmetry valve								-	-		
A6.2.7.8 Aft center door drive mechanisms and latches								-	-		
A6.2.7.9 Aft door system switches								-	-		
A6.2.7.10 Aft door side latches								-	-		
A6.2.7.11 Vertical stabilizer access door								-	-		
A6.3. LANDING GEAR SYSTEMS TR: TO 1C-5M-2-10								-			
A6.3.1 Components and system operation								-	-		
A6.3.2. Troubleshoot TR: TO 1C-5M-2-10 FI's								-			
A6.3.2.1 Extension and retraction systems								-	-		
A6.3.2.2 Individual kneel system								-	-		
A6.3.2.3 Nose wheel steering system								-	-		
A6.3.2.4 Anti-Skid system								-	-		
A6.3.3. Operate TR: TO 1C-5M-2-10								-			
A6.3.3.1 Landing gear								-	-		
A6.3.3.2 Brakes	5							-	-		
A6.3.3.3 Steering system								-	-		
A6.3.3.4 Anti-skid								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.3.3.5 Individual kneelsystem	5							-	-		
A6.3.3.6 Kneel panel	5							-	-		
A6.3.3.7 Kneel supervisor	7	5						-	-		
A6.3.4. Service TR: TO 1C-5M-2-10								-			
A6.3.4.1 Shock strut	5							-	-		
A6.3.4.2 Pitch positioner	5							-	-		
A6.3.4.3 Tires	5							-	-		
A6.3.7 Bleed brakesystems								-	-		
A6.3.4.4 Mastercylinder								-	-		
A6.3.5 Lubricate landing gear components								-	-		
A6.3.6. Remove/install/inspect TR: TO 1C-5M-2-10 and 1C- 5M-2-3								-			
A6.3.6.1 Nose Landing Gear (NLG) wheel and tire assemblies	5							-	-		
A6.3.6.2 Main Landing Gear (MLG) wheel and tire assemblies	5							-	-		
A6.3.6.3 MLG wheel speed transducer	5							-	-		
A6.3.6.4 Brake assemblies								-	-		
A6.3.6.5 Brake lines								-	-		
A6.3.6.6 Compensator links								-	-		
A6.3.6.7 NLG kneel pad actuator								-	-		
A6.3.6.8 MLG kneeling ballscrews								-	-		
A6.3.6.9 MLG rotary actuator and high speed gear box								-	-		
A6.3.6.10 MLG roll positioner Assembly								-	-		
A6.3.6.11 NLG drive gearbox ball screw								-	-		
A6.3.2.12 MLG strut								-	-		
A6.3.6.13 MLG bogie								-	-		
A6.3.6.14 MLG outboard door								-	-		
A6.3.6.15 MLG slot door								-	-		
A6.3.6.16 NLG strut								-	-		
A6.3.6.17 NLG folding bulkhead								-	-		
A6.3.6.18 NLG kneel door								-	-		
A6.3.7 Determine serviceability of aircraft tires TR: TOs 4T-1-3 and 1C-5M-2	5							-	-		
A6.3.8. Rig/adjust TR: TO 1C-5M-2-10								-			
A6.3.8.1 MLG components								-	-		
A6.3.8.2 MLG door locks								-	-		
A6.3.8.3 MLG rotation cylinder								-	-		
A6.3.8.4 MLG kneel position indication switches								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.3.8.5 NLG components								-	-		
A6.3.8.6 NLG steering system components								-	-		
A6.3.9 Deactivate/safebrake assemblies	7	5						-	-		
A6.4. UTILITY SYSTEMS								-			
A6.4.1. Components and theory of operation TR: TOs 1C-5M-2-7, 1C-5M- 2-13, and 1C-5M-2-2								-			
A6.4.1.1 Bleed air system								-			
A6.4.1.2 Wing overheat warningsystem								-	-		
A6.4.1.3 Air conditioning system								-	-		
A6.4.1.4 Anti-ice/de-icesystem								-	-		
A6.4.1.5 Pressurizationsystem								-	-		
A6.4.1.6 Windshield wipersystem								-	-		
A6.4.1.7 Fire/overheat warningsystem								-	-		
A6.4.1.8 Smoke detectionsystem								-	-		
A6.4.1.9 Engine fire extinguishing system								-	-		
A6.4.1.10 Oxygen system								-	-		
A6.4.1.11 Air Turbine Motor(ATM)								-	-		
A6.4.1.12 Fire suppressionssystem								-	-		
A6.4.1.13 APU fire extinguishing								-	-		
A6.4.2. Operate TR: TOs 1C-5M-2-7, 1C-5M-2- 13 and 1C-5M-2-2								-			
A6.4.2.1 Bleed air system								-	-		
A6.4.2.2 Air conditioning system								-	-		
A6.4.2.3 Anti-ice/de-icesystem								-	-		
A6.4.2.4 Pressurizationsystem								-	-		
A6.4.2.5 Deactivate/reactivate FSS System	5							-	-		
A6.4.2.6 Perform Remote Interface Unit (RIU-200) operational checks move to operate								-	-		
A6.4.2.7 Engine/ Fire extinguishing system								-	-		
A6.4.4.8 Windshield wipersystem								-	-		
A6.4.2.9 APU fire extinguisher								-			
A6.4.3. Test								-			
A6.4.3.1 Wing overheat warningsystem								-	-		
A6.4.3.2 Fire/overheat warningsystem	5							-	-		
A6.4.3.3 Smoke detection system								-	-		
A6.4.3.4 Oxygen system								-	-		
A6.4.4 Perform operational check								-			
A6.4.4.1 Flame detectors								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.4.4.2	Bleed air system							-	-		
A6.4.4.3	Air conditioning system							-	-		
A6.4.4.4	Aircraft pressurization system							-	-		
A6.4.4.5	Avionics equipment cooling system							-	-		
A6.4.4.6	Bleed air overheat warning system							-	-		
A6.4.5.	Service TR: TOs 00-25-172, 1C-5M-2-1, 15X-1-1, and 37C2-8							-			
A6.4.5.1	Oxygen system	5						-	-		
A6.4.5.2	DEWAR with liquid nitrogen	5						-	-		
A6.4.5.3	Drain DEWAR							-	-		
A6.4.6	Remove/service/reinstall portable oxygen bottles	5						-	-		
A6.5.	FLIGHT CONTROL SYSTEMS							-			
	TR: TO 1C-5M-2-9										
A6.5.1	Components and system operation							-	-		
A6.5.2	Operate flight controls	5						-	-		
A6.5.3	Inspect flight control systems							-	-		
A6.5.4	Lubricate flight controls							-	-		
A6.5.5	Troubleshoot flight controls							-	-		
A6.5.6	Perform flap/slat operational check							-	-		
A6.5.7.	Rig flight controls							-			
A6.5.7.1	Aileron system components							-	-		
A6.5.7.2	Rudder system components							-	-		
A6.5.7.3	Elevator system components							-	-		
A6.5.7.4	Spoiler system components							-	-		
A6.5.7.5	Flap system components							-	-		
A6.5.7.6	Slat system components							-	-		
A6.5.7.7	Slat actuator							-	-		
A6.5.7.8	Flap drive power package							-	-		
A6.5.8.	Remove/install							-			
A6.5.8.1	Rudder pedal adjustment components							-	-		
A6.5.8.2	Aileron control wheel							-	-		
A6.5.8.3.	Aileron system							-			
A6.5.8.3.1	General system components							-	-		
A6.5.8.3.2	Aileron assembly							-	-		
A6.5.8.4.	Rudder system							-			
A6.5.8.4.1	General system components							-	-		
A6.5.8.4.2	Upper/lower rudder assembly							-	-		
A6.5.8.5.	Elevator system							-			

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.5.8.5.1	General system components							-	-		
A6.5.8.5.2	Elevator assembly							-	-		
A6.5.8.5.3	Elevator variable feel unit							-	-		
A6.5.8.6.	Flap system							-	-		
A6.5.8.6.1	General system components							-	-		
A6.5.8.6.2	Flap assembly							-	-		
A6.5.8.7	Slat system components							-	-		
A6.5.8.8	Slat assembly							-	-		
A6.5.8.9	Slat actuator							-	-		
A6.5.8.10	Slat de-coupler							-	-		
A6.5.8.11	Slat track							-	-		
A6.5.8.12	Slat and moving island actuator							-	-		
A6.5.8.13	Slat moving island panel assembly							-	-		
A6.5.8.14	Flap/slat brake							-	-		
A6.5.8.15	Flap pack computer							-	-		
A6.5.8.16	Flap jackscrew							-	-		
A6.5.8.17	Flap torque limiter							-	-		
A6.5.8.18	Spoiler assembly							-	-		
A6.6.	HYDRAULIC SYSTEM TR: TOs 1C-5M-2-1, 1C-5M-2-3, 1C-5M-2-9, and 1C-5M-2-10							-			
A6.6.1	Components and system operation							-	-		
A6.6.2.	Service							-			
A6.6.2.1	Reservoir	5						-	-		
A6.6.2.2	Accumulator	5						-	-		
A6.6.2.3	ATM	5						-	-		
A6.6.3.	Operate							-			
A6.6.3.1	Engine driven pump							-	-		
A6.6.3.2	ATM	5R						-	-		
A6.6.4.	Remove/install							-			
A6.6.4.1	Lines							-	-		
A6.6.4.2	Hoses							-	-		
A6.6.4.3	Fittings							-	-		
A6.6.4.4	Swivels							-	-		
A6.6.4.5	Wiggins fittings							-	-		
A6.6.4.6	Pressure switches							-	-		
A6.6.4.7	Flow transducers							-	-		
A6.6.4.8	Filter elements							-	-		
A6.6.5	Reposition/retorque lines for minor leaks							-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References		2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
		Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.6.6	Connect hydraulic teststand								-	-		
A6.6.7	Disconnect hydraulic teststand								-	-		
A6.7.	ENGINES TR: TO 1C-5M-2-4								-			
A6.7.1	APU components andoperation								-	-		
A6.7.2.	Operate TR: TO 1C-5M-2-4								-			
A6.7.2.1	Engine (F-138)								-	-		
A6.7.2.2	APU	5R							-	-		
A6.7.3	Perform engine (F-138) operational checks								-	-		
A6.7.4	Perform APU APS 3400 operational checks								-	-		
A6.7.5	Inspect APU APS 3400								-	-		
A6.7.6	Perform Electronic Engine Control (EEC) operational check								-	-		
A6.7.7	Perform APU APS3400 indicating system operational check								-	-		
A6.7.8	Perform Full Authority Digital Electronic Control (FADEC) operational check								-	-		
A6.7.9	Perform Engine oil pressure indicating system operational check								-	-		
A6.7.10	Perform Engine oil quantity indication system operational check								-	-		
A6.7.11	Engine oil temperature indication system operational check								-	-		
A6.7.12	Perform Integrated Drive Unit (IDG) oil temperature indicating system operational check								-	-		
A6.7.13	Perform Engine fuel flow indicating system operational check								-	-		
A6.7.14	Perform Engine Revolutions Per Minute (RPM) indicating system operational check								-	-		
A6.7.15	Perform Throttle Quadrant Assembly (TQA) operational check								-	-		
A6.7.16.	Service TR: TO 1C-5M-2-1								-			
A6.7.16.1	Oil system	5							-	-		
A6.7.16.2	IDG								-	-		
A6.7.16.3	APU	5							-	-		
A6.7.16.4	Starter								-	-		
A6.7.17	Perform blade blending								-	-		
A6.7.18.	Remove/install/inspect TR: TOs 1C-5M-2-4 and 1C- 5M-2-1								-			
A6.7.18.1	Starter								-	-		
A6.7.18.2	Starter control valve								-	-		
A6.7.18.3	Oil filter								-	-		
A6.7.18.4	Engine cowling								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.7.18.5 Cowl door locks								-	-		
A6.7.18.6 APU inlet dooractuator								-	-		
A6.7.19 Open/close enginecowling TR: TO 1C-5M-2-4JG-1-1	5							-	-		
A6.7.20 Remove/install engine cowling locks								-	-		
A6.7.21 Rig/adjust enginecowling								-	-		
A6.7.22 Take engine oil sample								-	-		
A6.7.23 Open/close APU access door	5							-	-		
A6.7.24 Engine run Inspect engine inlet/exhaust								-			
A6.7.25 Deactivate thrustreverser system								-	-		
A6.7.26 Perform engine removal preparation								-	-		
A6.7.27 Perform engineinstallation preparation								-	-		
A6.7.28 Thrust reverser components and operation								-	-		
A6.7.29 Rig/adjust throttlesystem								-	-		
A6.7.30 Lockout thrust reversersystem								-	-		
A6.7.31 Perform compressor borescope								-	-		
A6.8. FUEL SYSTEM TR: TO 1C-5M-2-5								-			
A6.8.1 Components and system operation								-	-		
A6.8.2 Perform ground transfer	5							-	-		
A6.8.3. Refuel TR: TOs 00-25-172, 1C-5M-2- 1, and 1C-5-M-2-5								-			
A6.8.3.1 Perform preparation	5							-	-		
A6.8.3.2 Perform panel operator duties	5							-	-		
A6.8.3.3 Perform supervisor duties	7	5						-	-		
A6.8.3.4 Perform concurrent servicing supervisor duties	7R	5R						-	-		
A6.8.3.5 Perform team member duties	5							-	-		
A6.8.4. Defuel TR: TOs 00-25-172, 1C-5M-2- 1, and 1C-5-M-2-5								-			
A6.8.4.1 Perform preparation	5							-	-		
A6.8.4.2 Perform panel operator duties	5							-	-		
A6.8.4.3 Perform supervisor duties	7	5						-	-		
A6.8.4.4 Perform concurrent servicing supervisor duties	7R	5R						-	-		
A6.8.4.5 Perform team member duties	5							-	-		
A6.8.5 Prepare aircraft for fuelcell maintenance								-	-		
A6.8.6. Aerial refuelingsystem TR: TO 1C-5M-2-5								-			
A6.8.6.1 Location of components and system operation								-	-		

C-5 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A6.8.6.2 Operate								-	-		
A6.9. ELECTRICALSYSTEM TR: TO 1C-5M-2-7								-			
A6.9.1 Components and operation								-	-		
A6.9.2. Operate TR: TO 1C-5M-2-7								-			
A6.9.2.1 Interior/exterior lightingsystem	5							-	-		
A6.9.2.2 Indicator warning lights	5							-	-		
A6.9.2.3 Personal ComputerInterface Unit (PCIU)								-	-		
A6.9.2.4 AuxiliaryMaintenance Computer (AMC)								-	-		
A6.9.3 Perform Enginegenerator operational check								-	-		
A6.9.4 Perform APU generator operational check								-	-		
A6.9.5 Perform Aircraft/APS3400 APU battery operational check								-	-		
A6.9.6 Perform AC powersystem operational check								-	-		
A6.9.7 Perform DC powersystem operational check								-	-		
A6.9.8 Perform Interior lighting system Operational check								-	-		
A6.9.9 Inspect interior lighting system								-	-		
A6.9.10. Remove/install TR: TO 1C-5M-2-7								-			
A6.9.10.1. Lighting components	5							-	-		
A6.9.10.2 Aircraft/APS 3400Battery	5							-	-		
A6.9.11 Connect/apply/disconnect external electrical power	5							-	-		
A6.9.12 Apply/remove controland display electrical power and Core processing electrical power	5							-	-		
A6.10. EGRESSSYSTEM TR: TOs 1C-5M-2-1 and 1C- 5M-2-2								-			
A6.10.1 Components and Operation								-	-		
A6.10.2 Remove/install descentreels								-	-		
A6.10.3 Service escape slide inflation bottle	5							-	-		
A6.10.4 Service life raft ejection bottle	5							-	-		
A6.10.5 Remove/install troop life raft	5							-	-		
A6.11. SUPPORT EQUIPMENT TR: AFMAN 11-218 and applicable TOs								-			
A6.11.1 Perform pre-use inspection and operate								-			
A6.11.1.1 Hydraulic teststand TR: TO 33A2-series as applicable								-	-		
A6.11.1.2 Air conditioning units TR: TO 35E9-series as applicable								-	-		

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C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
NOTE 1: Use this attachment in conjunction with STS 2A5X1 Attachment 2. NOTE 2: All task/knowledge items taught in the initial skills course are trained during war time. NOTE 3: Items in column 2 identified with an 5R or 7R are optional for the AFRC Traditional Reservist (TR) and the ANG Drill Status Guardsman (DSG); for full-time members, Core Tasks are required.											
A7.1. AIRCRAFT GENERAL								-			
A7.1.1. Safety precautions								-			
A7.1.1.1 Safe for maintenance								-	-		
A7.1.1.2 Statically ground aircraft TR: TOs 00-25-172, 1C-17A- 2-00GV-00-1								-	-		
A7.1.1.3 Remove/install ground safety locks TR: TO 1C-17A-2-05JG-10-1								-	-		
A7.1.1.4 Danger areas TR: 1C-17A-2-00GV-00-1, Ch3								-	-		
A7.1.1.5 Aircraft containing ammunition/explosives TR: Applicable AFOSH STDs and TO 05-10-05								-	-		
A7.1.1.6 Radar TR: TO 1C-17A-2-00GV-00-1								-	-		
A7.1.1.7 Large Aircraft Infrared Counter Measure (LAIRCM) equipped aircraft TR: TO 1C-17A-2-05JG-10-1								-	-		
A7.1.2 Use C-17 technical orders TR: TO 1C-17A-2-00GV-00- 1, Ch 1	5							-	-		
A7.1.3. Maintenance Data Documentation (MDD) TR: AFI 21-101, TO 00-20 Series, applicable aircraft -06 Work Unit Code Manuals								-			
A7.1.3.1 Document AFTO Form 781H	5							-	-		
A7.1.3.2 Document AFTO Form 781A	5							-	-		
A7.1.3.3 Document AFTO Form 781J	5							-	-		
A7.1.3.4 Document AFTO Form 781K	5							-	-		
A7.1.3.5 Document AFTO Form 781F	5							-	-		
A7.1.4. Perform inspections TR: TOs 1C-17A-6WC-1, Section I, II, III, and IV, TOs 1C-17A-6WC-2, 1C-17A-6, Chapter 2, Part B								-			
A7.1.4.1 Preflight	5							-	-		
A7.1.4.2 Thrufight	5							-	-		
A7.1.4.3 Post flight/preflight (BPO/Pre)	5							-	-		
A7.1.4.4 Home station check								-	-		
A7.1.4.5 Acceptance								-	-		
A7.1.5. Perform special inspections								-			
A7.1.5.1 Time replacement item TR: TO 1C-17A-6, Chapter 3								-	-		
A7.1.5.2 Excessive taxiing maneuvers inspection TR: TO 1C-17A-6. Chapter 2								-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.1.5.3	Flap overspeed inspection TR: TO 1C-17A-6, Chapter 2							-	-		
A7.1.5.4	Slat overspeed inspection TR: TO 1C-17A-6, Chapter 2							-	-		
A7.1.5.5	Landing gear overspeed inspection TR: TO 1C-17A-6, Chapter 2							-	-		
A7.1.5.6	Inspect aircraft for terrain Damage TR: TO 1C-17A-6, Chapter 1							-	-		
A7.1.5.7	Hard landing inspection TR: TO 1C-17A-6, Chapter 2							-	-		
A7.1.5.8	Hot brake inspection TR: TOs 1C-17A-6; Chapter 2							-	-		
A7.1.6.	Integrated avionics							-			
A7.1.6.1.	Operate radio							-			
A7.1.6.1.1	Integrated Radio Management System (IRMS) TR: TO 23-81-02							-	-		
A7.1.6.1.2	Ultra-High Frequency (UHF) TR: TO 23-13-02	5						-	-		
A7.1.6.1.3	Very High Frequency (VHF) TR: TO 23-12-02	5						-	-		
A7.1.6.1.4	Communication (COMM) TR: TO 23-15-02-3	5						-	-		
A7.1.6.1.5	ARC-210 TR: TO 23-15-02-4							-	-		
A7.1.6.2	Operate Mission Computing Systems (MCD/MCK) TR: TO 34-62-02	5						-	-		
A7.1.6.3	Operate Multi Function Display (MFD) TR: TO 31-62-02	5						-	-		
A7.1.6.4	Operate Maintenance Monitor Panel (MMP) TR: TO 40-21-10	5						-	-		
A7.1.6.5	Operate interphone system TR: TO 23-41-02, 23-51-02	5						-	-		
A7.1.7.	Perform ground handling							-			
A7.1.7.1	Launch aircraft TR: TO 1C-17A-2-10JG-50-1	5						-	-		
A7.1.7.2	Recover aircraft TR: TO 1C-17A-2-10JG-10-1	5						-	-		
A7.1.7.3	Moor aircraft TR: TO 10-11-01							-	-		
A7.1.7.4.	Tow aircraft TR: 09-11-01, 09-11-02							-			
A7.1.7.4.1	Perform tow vehicle operator duties							-	-		
A7.1.7.4.2	Prepare aircraft for tow	5						-	-		
A7.1.7.4.3	Perform wing walker duties	5						-	-		
A7.1.7.4.4	Perform tail walker duties	5						-	-		
A7.1.7.4.5	Perform brake operator duties	5						-	-		
A7.1.7.4.6	Perform tow team supervisor duties	7						-	-		
A7.1.7.4.7	Perform hand pump operator duties	5						-	-		
A7.1.7.5.	Fuselage jack aircraft							-			

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TOs 07-11-01 and -02											
A7.1.7.5.1 Perform jack operator duties								-	-		
A7.1.7.5.2 Perform jacking supervisor duties								-	-		
A7.1.7.5.3 Perform plumb bob monitor duties								-	-		
A7.1.7.5.4 Perform forward fuselage jacking supervisor duties								-	-		
A7.1.7.6. Main Landing Gear (MLG) jacking (integral) TR: TO 07-12-01								-			
A7.1.7.6.1 Perform integral jacking supervisor duties	7							-	-		
A7.1.7.6.2 Perform integral jacking team member duties	5							-	-		
A7.1.7.7 Perform Nose Landing Gear (NLG) axle jacking duties TR: TO 07-12-02	5							-	-		
A7.1.7.8. Cargo winch								-			
A7.1.7.8.1 Perform operational checkout TR: TO 41-24-01	5							-	-		
A7.1.7.8.2 Service cargo winch TR: TO 12-41-01								-	-		
A7.1.7.8.3 Remove/install cargo winch TR: TO 41-24-10	5							-	-		
A7.1.7.8.4 Lubricate cargo winch TR: TO 1C-17A-6WC-4								-	-		
A7.1.7.9. Cargo handling and mission systems								-			
A7.1.7.9.1 Remove/install cargo rails TR: TOs 41-11-11 and -12								-	-		
A7.1.7.9.2 Remove/install restraint locks TR: TO 41-11-13 and -14								-	-		
A7.1.7.9.3 Repair cargo roller conveyer assembly TR: TO 41-14-13								-	-		
A7.1.7.9.4 Repair cargo rails TR: TO 41-11-11								-	-		
A7.1.7.9.5 Rig/adjust cargo rail assembly TR: TO 41-11-11								-	-		
A7.1.7.9.6 Troubleshoot cargo rail system TR: TO 1C-17A-2-41FI								-	-		
A7.1.7.10. Configure/reconfigure aircraft								-			
A7.1.7.10.1 Aeromedical evacuation TR: TO 10-74-01	5							-	-		
A7.1.7.10.2 Logistics TR: TO 10-75-01	5							-	-		
A7.1.7.10.3 Passenger/personnel TR: TO 10-76-01	5							-	-		
A7.1.7.10.4 Troop drop TR: TO 10-73-01	5							-	-		
A7.1.7.10.5 Aerial Delivery System (ADS) TR: TO 10-71-01	5							-	-		
A7.1.7.10.6 Container Delivery System (CDS) TR: TO 10-77-01								-	-		
A7.1.7.10.7 Distinguished Visitor (DV) TR: TO 10-78-01-3, -4, and 10-79-02								-	-		
A7.1.7.10.8 Low Altitude Parachute Extraction System (LAPES) drop								-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
TR: TO 10-79-01											
A7.1.7.10.9 Stow buffet/lavatory unit TR: TO 10-78-01-1 and -2								-	-		
A7.1.7.11. Perform configuration operations								-			
A7.1.7.11.1 Support/stab strut for cargo TR: TO 41-22-02, 04-4								-	-		
A7.1.7.11.2 Logistics/ADS lock actuator TR: TO 41-11-12-1-3, 41-11-10-1-1								-	-		
A7.1.7.11.3 Cargo ramp logistics/ADS lock actuator TR: TO 41-11-17								-	-		
A7.1.7.11.4 ADS locks control panel TR: TO 41-11-10-1-1								-	-		
A7.1.7.11.5 ADS controller TR: TO 41-11-10	5							-	-		
A7.1.7.11.6 Logistics pallet control panel TR: TO 41-11-10								-	-		
A7.1.7.11.7 Tow release mechanism TR: TO 41-33-01								-	-		
A7.1.7.11.8 Support/stabilizing strut adjustment TR: TO 41-22-04								-	-		
A7.2. AIRFRAME TR: Applicable aircraft TOs								-			
A7.2.1 Components and structure								-	-		
A7.2.2. Door system principles of Operation								-			
A7.2.2.1 Crew entry door								-	-		
A7.2.2.2 Cargo doors/ramp								-	-		
A7.2.2.3 Emergency exits								-	-		
A7.2.3. Perform operational checkout of doors								-			
A7.2.3.1 Crew entry doors	5							-	-		
A7.2.3.2 Troop doors	5							-	-		
A7.2.3.3. Cargo door/ramp/toes								-			
A7.2.3.3.1 Open/close from aft loadmaster panel TR: TO 52-30-02	5							-	-		
A7.2.3.3.2 Open/close using manual override system								-	-		
A7.2.3.4 Ramp blowdown system								-	-		
A7.2.4. Open/close								-			
A7.2.4.1 Nose radome assembly TR: TO 53-51-01								-	-		
A7.2.4.2 Tailcone								-	-		
A7.2.4.3. Maintenance access								-			
A7.2.4.3.1 Cargo ramp maintenance tunnel								-	-		
A7.2.4.3.2 Fuselage/wing access entry/exit TR: TO 00-00-01	5							-	-		
A7.2.4.3.3 Avionics compartment rack								-	-		
A7.2.4.3.4 Fuel jettison island tip								-	-		
A7.2.4.3.5 Under floor maintenance tunnels entry/exit TR: TO 00-00-03	5							-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.2.4.3.6 Vertical stabilizer entry/exit TR: TOs 00-00-02-1 and 02-(8)	5							-	-		
A7.2.4.3.7 Horizontal stabilizer entry/exit TR: TO 00-00-02-2 thru 02-07	5							-	-		
A7.2.5. Remove/install								-			
A7.2.5.1 Emergency doors TR: TO 52-21-10	5							-	-		
A7.2.5.2 Non-explosive seats								-	-		
A7.2.5.4 Radomes								-	-		
A7.2.5.5 Tailcones								-	-		
A7.2.5.6 Pilot/co-pilot sliding windows								-	-		
A7.2.5.7 Stationary windows								-	-		
A7.2.5.8 Door/hatch seals								-	-		
A7.2.5.9 Pressure panel seals								-	-		
A7.2.5.10 Cargo ramp seals								-	-		
A7.2.5.11 Wing tip								-	-		
A7.2.5.12 Winglet assembly								-	-		
A7.2.5.13 Panels								-			
A7.2.5.14 Armor								-			
A7.2.6. Rig/adjust								-			
A7.2.6.1 Crew door assembly TR: TO 52-11-10-5-2								-	-		
A7.2.6.2 Troop door assembly TR: TO 52-13-10-5-1								-	-		
A7.2.6.3 Cargo door components TR: TO 52-31-10-5-1 and -5-2								-	-		
A7.2.6.4 Cargo ramp components TR: TO 52-32-10								-	-		
A7.2.6.5 Cargo ramp toes TR: TO 52-11-10								-	-		
A7.2.7 Repair crew door assembly TR: TO 52JG-11-10								-	-		
A7.2.8 Repair troop door assembly TR: TO 52JG-13-10								-	-		
A7.2.9 Troubleshoot cargo door system TR: TO 1C-17A-2-52FI								-	-		
A7.3. LANDING GEAR SYSTEM								-			
A7.3.1 Components and system operation								-	-		
A7.3.2. Troubleshoot landing gear								-			
A7.3.2.1 MLG extension								-	-		
A7.3.2.2 MLG retraction								-	-		
A7.3.2.3 NLG extension								-	-		
A7.3.2.4 NLG retraction								-	-		
A7.3.3. Service								-			
A7.3.3.1. MLG shock strut								-			

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.3.3.1.1 Nitrogen TR: TO 12-32-5	5							-	-		
A7.3.3.1.2 Hydraulic fluid								-	-		
A7.3.3.2. NLG shock strut								-			
A7.3.3.2.1 Nitrogen TR: TO 12-32-3	5							-	-		
A7.3.3.2.2 Hydraulic fluid								-	-		
A7.3.3.3 Tires TR: TO 12-32-03	5							-	-		
A7.3.3.4 Main landing gear shimmy dampers TR: TO 12-32-07								-	-		
A7.3.3.5 Brake accumulator TR: TO 12-32-04	5							-	-		
A7.3.4 Operate parking brake TR: TO 32JG-44-11	5							-	-		
A7.3.5 Determine serviceability of aircraft tires TR: TOs 4T-1-3 and 1C-17A- 6WC	5							-	-		
A7.3.6. Remove/install								-			
A7.3.6.1 Main wheel and tire assemblies TR: TO 32-41-10	5							-	-		
A7.3.6.2 Brake assemblies TR: TO 32-43-10	5							-	-		
A7.3.6.3 Nose wheel and tire assemblies TR: TO 32-42-10	5							-	-		
A7.3.6.4 Brake hose								-	-		
A7.3.6.5 Brake compensating link	5							-	-		
A7.3.6.6 Brake lines								-	-		
A7.3.6.7 Parking brake system components TR: TO 32-44-11								-	-		
A7.3.6.8 NLG doors TR: TOs 52JG-81-10/11								-	-		
A7.3.6.9 MLG doors TR: TOs 41-11-11 and 52-83-11								-	-		
A7.3.6.10 MLG post assembly TR: TO 32-12-10								-	-		
A7.3.6.11 MLG strut TR: TO 32-11-10								-	-		
A7.3.6.12 MLG axle beam TR: TO 32-12-11								-	-		
A7.3.6.13 NLG assembly TR: TO 32-21-10								-	-		
A7.3.6.14 MLG shimmy dampers TR: TO 32-14-23								-	-		
A7.3.7 Determine serviceability of aircraft brakes TR: TO 1C-17A-6WC-1	5							-	-		
A7.3.8 Lubricate MLG post assembly TR: TO 1C-17A-6WC-4								-	-		
A7.3.9 Bleed brake system TR: TO 32-43-01								-	-		
A7.3.10. Perform operational checkout								-			
A7.3.10.1. Landing gear								-			

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.3.10.1.1 NLG (normal)								-	-		
A7.3.10.1.2 MLG (normal)								-	-		
A7.3.10.1.3 NLG (emergency)								-	-		
A7.3.10.1.4 MLG (emergency)								-	-		
A7.3.10.2 Steering system								-	-		
A7.3.11. Rig/adjust								-			
A7.3.11.1 MLG doors								-	-		
A7.3.11.2 NLG doors								-	-		
A7.3.11.3 Main/centerwheel brake control system TR: TO 32-44-03								-	-		
A7.3.11.4 Steering system TR: TO 32JG-51-01								-	-		
A7.3.11.5 MLG shimmy damper TR: TO 32-14-23								-	-		
A7.4. UTILITY SYSTEMS								-			
A7.4.1. Fundamentals, components, and system operation								-			
A7.4.1.1 Bleed air system								-	-		
A7.4.1.2 Manifold failure warning system								-	-		
A7.4.1.3 Air conditioning system								-	-		
A7.4.1.4 Pressurization system								-	-		
A7.4.1.5 Anti-ice/de-ice system								-	-		
A7.4.1.6 Rain removal/windshield wiper system								-	-		
A7.4.1.7 Fire/overheat warning system								-	-		
A7.4.1.8 Fire extinguishing system								-	-		
A7.4.1.9 Smoke detection system								-	-		
A7.4.1.10 Water and waste systems								-	-		
A7.4.1.11 Onboard Inert Gas Generating System (OBIGGS)								-	-		
A7.4.2 Connect/disconnect external pneumatic air TR: TO 10-64-01	5							-	-		
A7.4.3. Perform operational checkout								-			
A7.4.3.1 Bleed air system								-	-		
A7.4.3.2 Manifold failure warning system								-	-		
A7.4.3.3 Air conditioning system TR: TO 21-00-01	5							-	-		
A7.4.3.4 Pressurization system								-	-		
A7.4.3.5 Anti-ice/de-ice system								-	-		
A7.4.3.6 Rain removal/windshield wiper system								-	-		
A7.4.3.7 Fire/overheat warning system								-	-		
A7.4.3.8 Fire extinguishing system								-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.4.3.9	Smoke detection system							-	-		
A7.4.3.10	Oxygen system							-	-		
A7.4.3.11	Onboard Inert Gas Generating System (OBIGGS) TR: TO 47-00-01							-	-		
A7.4.4	Troubleshoot windshield wiper system TR: TO 1C-17A-2-30FI							-	-		
A7.4.5.	Service							-			
A7.4.5.1	Liquid oxygen TR: TO 12-35-01	5						-	-		
A7.4.5.2	Portable oxygen bottle	5						-	-		
A7.4.6.	Remove/install							-			
A7.4.6.1	Fresh/waste water system components							-	-		
A7.4.6.2	Windshield wiper system components							-	-		
A7.5.	FLIGHT CONTROLS							-			
A7.5.1	Fundamentals, components, and system operation TR: TO 1C-17A-2-27GS-00-1							-	-		
A7.5.2	Troubleshoot							-	-		
A7.5.3.	Perform mechanical rig/adjust flight controls							-			
A7.5.3.1	Mechanical horizontal stabilizer control and surfaces TR: TO 27-42-01							-	-		
A7.5.3.2	Aileron mechanical controls and surfaces TR: TO 27-11-03							-	-		
A7.5.3.3	Rudder mechanical controls and surfaces TR: TO 27-21-02							-	-		
A7.5.3.4	Elevator mechanical controls and surfaces TR: TO 27-31-02							-	-		
A7.5.3.5	Slat assemblies TR: TO 27-81-11							-	-		
A7.5.3.6	Spoiler/speed brake system TR: TO 27-63-10 and 27-64-12							-	-		
A7.5.4.	Perform operational checkout							-			
A7.5.4.1	Flaps							-	-		
A7.5.4.2	Slats							-	-		
A7.5.4.3	Horizontal stabilizer							-	-		
A7.5.4.4	Ailerons							-	-		
A7.5.4.5	Rudders							-	-		
A7.5.4.6	Elevators							-	-		
A7.5.4.7	Spoilers/speed brakes							-	-		
A7.5.5.	Operate							-			
A7.5.5.1	Slats	5						-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.5.5.2 Flaps	5							-	-		
A7.5.5.3 Horizontal stabilizer	5							-	-		
A7.5.6. Remove/install								-	-		
A7.5.6.1 Aileron components								-	-		
A7.5.6.2 Aileron trim components								-	-		
A7.5.6.3 Spoiler/speed brake components								-	-		
A7.5.6.4 Elevator components								-	-		
A7.5.6.5 Rudder components								-	-		
A7.5.6.6 Rudder trim components								-	-		
A7.5.6.7 Rudder pedal adjustment components TR: TO 27-21-14								-	-		
A7.5.6.8 Wing flap components								-	-		
A7.5.6.9 Wing slat components								-	-		
A7.5.6.10 Horizontal stabilizer components								-	-		
A7.5.6.11 Rudder Integrated Flight Control Module (IFCM)								-	-		
A7.5.6.12 Aileron Integrated Flight Control Module (IFCM)								-	-		
A7.6. HYDRAULIC SYSTEMS								-	-		
A7.6.1 Components and system operation								-	-		
A7.6.2 Ram air turbine								-	-		
A7.6.3 Troubleshoot								-	-		
A7.6.4. Service								-	-		
A7.6.4.1 Reservoir (primary method) TR: TO 12-29-01	5							-	-		
A7.6.4.2 Reservoir (alternate method) TR: TO 12-29-02								-	-		
A7.6.4.3 Load equalization reservoir TR: TO 12-41-02	5							-	-		
A7.6.4.4 Gust damper accumulator TR: 12-29-05	5							-	-		
A7.6.4.5 Bleed reservoir TR: TO 12-29-03	5							-	-		
A7.6.5. Remove/install								-	-		
A7.6.5.1 Gust damper accumulator								-	-		
A7.6.5.2 Brake pressure accumulator								-	-		
A7.6.5.3 Hydraulic control valve								-	-		
A7.6.5.4 Filter elements								-	-		
A7.6.6. Operate								-	-		
A7.6.6.1 Engine driven pump								-	-		
A7.6.6.2 Auxiliary hydraulic pump TR: TO 29-20-01	5							-	-		
A7.6.6.3 Hydraulic system controller TR: TO 29-00-01								-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.6.6.4 Connect/disconnecthydraulic test stand TR: TO 10-63-01								-	-		
A7.7. ENGINES								-			
A7.7.1 Engine and AuxiliaryPower Unit (APU) components and system operation								-	-		
A7.7.2 Troubleshoot								-	-		
A7.7.3. Perform								-			
A7.7.3.1 Engine run								-	-		
A7.7.3.2 Engine run Inlet and exhaust inspection	7							-	-		
A7.7.3.3 Aircraft engine motoring								-	-		
A7.7.3.4 Engine run ground observer								-	-		
A7.7.3.5 Engine oil system post flight inspection TR: TO 70GS-00-1								-	-		
A7.7.4 Operate APU TR: TO 49-00-01	5							-	-		
A7.7.5. Service								-			
A7.7.5.1 Engine oil system TR: TO 12-79-01	5							-	-		
A7.7.5.2 Integrated drive generator TR: TO 21-24-01								-	-		
A7.7.5.3 APU oil system TR: TO 12-49-01	5							-	-		
A7.7.5.4 Starter								-	-		
A7.7.6. Remove/install								-			
A7.7.6.1 Starter TR: TO 80-11-10								-	-		
A7.7.6.2 Starter control valve TR: TO 80-11-12								-	-		
A7.7.6.3 Fuel filter								-	-		
A7.7.6.4 Oil filter								-	-		
A7.7.6.5 Thrust reverser								-	-		
A7.7.6.6 Inlet cone segment								-	-		
A7.7.6.7 Thrust reverser actuator fairing								-	-		
A7.7.6.8 Cowl/door locks								-	-		
A7.7.6.9 Engine accessory doors								-	-		
A7.7.6.10 Inlet and exhaust covers	5							-	-		
A7.7.7 Master scavenge chip collector inspection TR: TO 70GS-00-1								-	-		
A7.7.8. Open/close								-			
A7.7.8.1 Thrust/fan reverser duct assembly TR: TO 78-31-03								-	-		
A7.7.8.2 APU access door	5							-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References		2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
		Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.7.8.3	Engine accessory doors TR: TO 54-14-01	5							-	-		
A7.7.9	Fan and Core thrust reverser locking/unlocking TR: TO 78-31-04	7R							-	-		
A7.7.10	Hydraulically deploy/stow thrust reverser TR: TO 78-31-06	5							-	-		
A7.8.	FUEL SYSTEM								-			
A7.8.1	Components and system operation								-	-		
A7.8.2.	Refuel aircraft single point TR: TO 12-28-01								-			
A7.8.2.1	Perform team supervisor duties	5							-	-		
A7.8.2.2	Perform fuel panel operator duties	5							-	-		
A7.8.3.	Defuel aircraft single point TR: TO 12-28-02								-			
A7.8.3.1	Perform team supervisor duties	5							-	-		
A7.8.3.2	Perform fuel panel operator duties	5							-	-		
A7.8.4	Perform overwing refuel/defuel								-	-		
A7.8.5	Perform Concurrent Servicing Supervisor (CSS) duties								-	-		
A7.8.6	Perform aircraft interior monitor duties								-	-		
A7.8.7	Prepare aircraft for fuel cell maintenance								-	-		
A7.8.8	Perform Aerial Refueling (AR) receiver/Universal Aerial Refueling Receiver Slipway Installation (UARRSI) system operation								-	-		
A7.8.9	Ground transfer fuel from overhead fuel panel TR: TO 12-28-07	5							-	-		
A7.8.10	Ground transfer fuel from ground refueling control panel	5							-	-		
A7.8.11	Drain fuel sumps								-	-		
A7.8.12	Remove/install extended range tank fuel barrier								-	-		
A7.9.	ELECTRICAL SYSTEMS								-			
A7.9.1	Components and operation								-	-		
A7.9.2	Troubleshoot								-	-		
A7.9.3.	Remove/install								-			
A7.9.3.1	Light assemblies and components	5							-			
A7.9.3.2	Main batteries TR: TO 24-32-10	5							-	-		
A7.9.3.3	Emergency exit components TR: TO 52-21-10								-	-		
A7.9.4.	Perform operational check								-			
A7.9.4.1	Interior lighting system TR: TO 1C-17A-2-33JG	5							-	-		
A7.9.4.2	Exterior lighting system TR: TO 1C-17A-2-33JG	5							-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References		2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
		Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
				Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.9.4.3	Visual warning caution lights	5							-	-		
A7.9.4.4	Batteries TR: TO 24-32-01	5							-	-		
A7.9.4.5	Galley TR: TO 25-31-01								-	-		
A7.9.5	Troubleshoot galley TR: TO 1C-17A-2-25FI								-	-		
A7.9.6	Connect/disconnect external electrical power TR: TO 10-61-01	5							-	-		
A7.9.7	Use solderless connectors								-	-		
A7.10.	EGRESS SYSTEM								-			
A7.10.1	Components and system operation								-	-		
A7.10.2	Inspect egress system components								-	-		
A7.10.3	Operate egress system Components								-	-		
A7.10.4	Service ramp emergency egress hydraulic accumulator TR: TO 95-31-13-8	5							-	-		
A7.10.5	Flotation Equipment Deployment System (FEDS) awareness								-	-		
A7.10.6.	Remove/install								-			
A7.10.6.1	Life raft assembly	5R							-	-		
A7.10.6.2	Emergency escape roll-up ladder/tube								-	-		
A7.11.	EQUIPMENT AND FURNISHINGS								-			
A7.11.1	Perform checkout of pilot/co-pilot/ Loadmaster seat components TR: TO 25-11-10								-	-		
A7.11.2	Perform checkout of crew rest area seats								-	-		
A7.11.3	Remove/install galley								-	-		
A7.11.4	Remove/install lavatory module TR: TO 25-41-14								-	-		
A7.11.5	Perform lavatory operational checkout TR: TO 38-31-01								-	-		
A7.11.6	Troubleshoot lavatory TR: TO 1C-17A-2-38FI								-	-		
A7.11.7	Perform C-17A chaff/flare (ALE-47) load team member duties TR: TO 1C-17A-33-1-2								-	-		
A7.12.	SUPPORT EQUIPMENT TR: AFMAN 11-218								-			
A7.12.1.	Perform pre-use inspection and operate								-			
A7.12.1.1	Servicing platform Powered								-	-		
A7.12.1.2	Wheel mounted crane								-	-		
A7.12.1.3	Diesel jacking manifold								-	-		
A7.12.1.4	Reach all Powered								-	-		
A7.12.1.5	Essex generator								-	-		
A7.12.1.6	Condor high lift Powered								-	-		

C-17 QUALITATIVE REQUIREMENTS

1. Tasks, Knowledge And Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided via ICW and/or course			
	Core/Cert ^	Deployment 5 / SEI +	A	B	C	D	E	A	B	C	D
			Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3-lvl	5-lvl	7-lvl	9-lvl
A7.12.1.7 Calavar high lift Powered								-	-		
A7.12.1.8 Maintenance stands								-	-		
A7.12.1.9 Hydraulic test stand TR: TO 33A2-series as applicable								-	-		
A7.12.1.10 Air conditioning units TR: TO 35E9-series as applicable								-	-		
A7.12.1.11 A/M32A-95 gas turbine compressor TR: TO 35D12-series as applicable								-	-		
A7.12.1.12 Gaseous nitrogen servicing equipment TR: TO 35D3- series as applicable								-	-		
A7.12.1.13 Oil servicing carts TR: TO 35A17- series as applicable								-	-		
A7.12.1.14 Hydraulic servicing carts TR: TO 35A29- series as applicable								-	-		