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CFETP 2A5X1  
Parts I and II  
May 2003

# **AFSC 2A5X1**

## **Aerospace Maintenance Specialty**



## **CAREER FIELD EDUCATION**

## **AND TRAINING PLAN**



**CAREER FIELD EDUCATION AND TRAINING PLAN  
AEROSPACE MAINTENANCE SPECIALTY  
AFSC 2A5X1**

**Table of Contents**

**Part I**

Preface .....	3
Abbreviations and Terms Explained .....	4
Section A--General Information.....	7
Purpose of the CFETP	
Use of the CFETP	
Coordination and Approval of the CFETP	
Section B--Career Progression and Information.....	8
Specialty Description	
Skill/Career Progression	
Apprentice Level (3)	
J Journeyman Level (5)	
Craftsman Level (7)	
Superintendent Level (9)	
Training Decisions	
Community College of the Air Force	
Section C-- Skill Level Training Requirements.....	9
Purpose	
Implementation	
Section D--Resource Constraints.....	10

**PART II**

Section A, Specialty Training Standards.....	12
--	----

**Attachments:**

1. Proficiency Code Key (Mandatory—must be filed with pages 16-18) .....	14
2. 2A5X1 Common Requirements (Mandatory). . . . .	15
3. B-1 Qualitative Requirements (Optional). . . . .	29
4. B-2 Qualitative Requirements (Optional) . . . . .	47
5. B-52 Qualitative Requirements (Optional). . . . .	61
6. C-130 Qualitative Requirements (Optional). . . . .	77
6a. C-130J Qualitative Requirements (Optional) . . . . .	97
7. C-135 Qualitative Requirements (Optional) . . . . .	121
8. C-141 Qualitative Requirements (Optional) . . . . .	133
9. C-17 Qualitative Requirements (Optional) . . . . .	149

10. C-5 Qualitative Requirements (Optional) . . . . .	167
11. C-9 Qualitative Requirements (Optional) . . . . .	183
12. E-3/E-8 Qualitative Requirements (Optional) . . . . .	193
13. KC-10 Qualitative Requirements (Optional) . . . . .	203
14. E-4/VC-25 Qualitative Requirements (Optional) . . . . .	215
15. B-1 Training Matrix (Not used in Training Records) . . . . .	225
16. B-2 Training Matrix (Not used in Training Records) . . . . .	232
17. B-52 Training Matrix (Not used in Training Records) . . . . .	239
18. C-130 Training Matrix (Not used in Training Records) . . . . .	246
19. C-135 Training Matrix (Not used in Training Records) . . . . .	253
20. C-141 Training Matrix (Not used in Training Records) . . . . .	260
21. C-17 Training Matrix (Not used in Training Records) . . . . .	269
22. C-5 Training Matrix (Not used in Training Records) . . . . .	276
23. C-9 Training Matrix (Not used in Training Records) . . . . .	283
24. E-3/E-8 Training Matrix (Not used in Training Records) . . . . .	290
25. KC-10/E-4 Training Matrix (Not used in Training Records) . . . . .	397
26. 2AX7X 7-level CDC Requirements (Not used in Training Records) . . . . .	305
<b>Section B, Course Objective List</b> . . . . .	<b>313</b>
<b>Section C, Support Materials</b> . . . . .	<b>313</b>
<b>Section D, Training Course Index</b> . . . . .	<b>313</b>
<b>Section E, MAJCOM Unique Requirements</b> . . . . .	<b>318</b>

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**AEROSPACE MAINTENANCE SPECIALTY**  
**AFSC 2A5X1**  
**CAREER FIELD EDUCATION AND TRAINING PLAN**

**Part I**

**Preface**

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources and minimum core task requirements for the entire 2A5X1 specialty. The CFETP will provide personnel a clear career path to success and will instill rigor in all aspects of career field training. To read, review, or print a copy of the current CFETP, go to the Aircraft Maintenance Homepage at: <http://www.il.hq.af.mil/ilm/ilmm/acmait/ac-tng.html>. **Note:** Civilians occupying associated positions will use Part II to support duty position qualification training.
2. The CFETP consists of two parts; both parts of the plan are used by supervisors to plan, manage and control training within the career field.
  - 2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan; Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path; Section C associates each level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints, some examples are funds, manpower, equipment and facilities.
  - 2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, and technical references to support training, Air Education and Training Command (AETC) conducted training, core task, and career development course (CDC) requirements; Section B contains the course objective list and training standards supervisors will use to determine if airmen have satisfied training requirements; Section C provides a listing of available support materials; Section D provides a training course index supervisors can use to determine available training. Included here are both mandatory and optional courses; Section E identifies MAJCOM-unique requirements.
3. Using the guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate points in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

## ABBREVIATIONS/TERMS EXPLAINED

**Advanced Training (AT).** A formal course which trains selected career airmen at the advanced level of an Air Force Specialty AFS for a technical or supervisor-level AFS.

**Air Force Specialty (AFS).** A group of positions requiring common qualifications. Each AFS has a title and a code.

**Air Force Training Management System (AFTMS).** An HQ AFMPC/DPMYM2 managed computer support system that links Air Force units or activities, which use the system for planning, controlling, and funding formal training throughout the Air Force, including the MAJCOM TDY-to-School Program.

**Area Support.** Training provided by a designated training detachment (TD) to a unit not receiving support from an on-site TD. A designated TD supports more than one US Air Force installation under this arrangement.

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

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

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

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

**Contract Training.** Type I training that receives the same priority funding as Air Force-directed training. It supports initial groups of instructors, operators, and so on, that the Air Force requires for new or modified weapon systems.

**Core Task.** A task Air Force Career Field Managers (AFCMs) identify as a minimum qualification requirement within an Air Force specialty or duty position.

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

**Course Training Standard (CTS).** A formal document published by Air Education and Training command (AETC) organizations that identifies training included in a specific course when needed training is not specifically defined in an STS.

**Cross Utilization Training (CUT).** Training designed to qualify personnel to perform tasks that are not established requirements in their awarded AFSC.

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

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

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

**External Evaluation.** Acquisition and analysis of data from outside the training environment to evaluate/determine the graduate's ability to perform tasks required in the career field.

**Field Training.** Technical, operator, and other training that either a training detachment (TD) or mobile training team (MTT) conducts at operational locations on specific systems and associated direct-support equipment for maintenance and aircrew personnel.

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

**Go/No Go Level.** In OJT, the stage at which an individual has gained enough skill, knowledge, and experience to perform the tasks without supervision.

**Graduate Assessment Survey GAS).** A web-based survey to gather supervisory feedback on Air Force, Air Force Reserve Command (AFRC), Air National Guard (ANG) graduates of initial skill type 3, 4 and 5 courses. Results are used to determine negative trends so corrective action can be implemented.

**Initial Skills Training.** A formal course of instruction that results in award of a 3-skill level.

**Mission Ready Airman (MRA).** A formal course which results in an airman receiving hands-on training that prepares the individual to be mission ready at the end of training.

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

**On-the-Job Training.** Hands-on, over-the-shoulder training conducted to qualify/certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

**Plan of Instruction (POI).** A formal AETC course control document which lists objectives to be accomplished in the preferred sequence of instruction, support materials needed, and the apportionment of training time.

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

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

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

**Specialty Training Standard.** An Air Force publication that describes an AFS in terms of tasks and knowledge an airman may be expected to perform or to know on the job. It also serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFS are taught in initial skills training, career development courses (CDCs), and seven-level resident courses .

**Standard.** An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference, model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results. A fixed quantity or quality.

**Task Certifier.** See Certification Official.

**Trainer.** A trained and qualified person who teaches airmen to perform specific tasks through OJT methods. Also, equipment that the trainer uses to teach airmen specified tasks.

**Training Capability.** The ability of a unit or base to provide training. Authorities consider the availability of equipment, qualified trainers, study reference materials, and so on in determining a unit's training capability.

**Upgrade Training (UGT).** Mandatory training that leads to attainment of higher level of proficiency and award of an AFSC

**Utilization and Training Workshop (U&TW).** A forum of Air Force (AF) and MAJCOM career field functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements for an designated AFS.

## Section A - General Information

**1. Purpose.** This CFETP provides the information necessary for Air Force Career Field Managers (AFCFM), Major Command Functional Managers (MFM), commanders, training managers, supervisors and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in this AFS should receive to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC organizations in one (or more) resident courses. Upgrade training identifies the mandatory courses, task qualification requirements, and CDC completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. After the trainees arrive at their permanent duty location, they are entered into a three month apprentice program. During this period, the supervisor will evaluate, provide performance-based training, and certify tasks taught in tech school. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

- 1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.
- 1.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.
- 1.3. Lists training courses available in the specialty, identifies sources of training, and the training delivery method.
- 1.4. Identifies major resource constraints, which impact full implementation of the desired career field training process.

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

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

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM developed training to support this AFSC must be identified for inclusion into this CFETP.

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

**3. Coordination and Approval.** The AFCFM is the approval authority. Also, the AFCFM 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 and Information

**5. Skill and Career Progression.** Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. Everyone involved in training must do his or her part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will help ensure each individual receives viable training at appropriate points in their career.

5.1. **Apprentice (3) Level.** Following Basic Military Training, initial skills training will be provided in resident courses at the 82d Training Wing, Sheppard AFB TX. These courses will lay the foundation for additional training at the graduate's first duty assignment. Trainees will utilize the 2A551 CDC and task qualification training to progress in their career field. Upon completion of CDC 2A551 and Air Force core task qualifications, the trainee will complete any other available duty position training.

5.2. **J Journeyman (5) Level.** Once upgraded to the 5-level, the Journeyman will enter into continuation training to broaden their experience base by increasing their knowledge, skill in troubleshooting, and solving more complex problems. Five-levels may be assigned job positions such as aircraft dedicated crew chief, assistant crew chief, quality assurance, aero repair, and various staff positions. Individuals will attend the Airman Leadership School (ALS) after having 48 months in the Air Force or are SSgt selectee (see table 8.1). Five levels can be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for testing under the Weighed Airman Promotion System (WAPS). They should also consider continuing their education toward a CCAF degree.

5.3. **Craftsman (7) Level.** A craftsman can expect to fill various supervisory and management positions such as expeditor, shift leader, element chief, flight chief, task certifier, and various staff positions. Exportable aircraft specific courses and MAJCOM/unit management courses are also available. Seven-levels should take courses or obtain added knowledge on management of resources and personnel. In addition, when promoted to TSgt, individuals will attend the Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFSC are also recommended.

5.4. **Superintendent (9) Level.** A 9-level can be expected to fill positions such as flight NCOIC, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will attend the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFSC are also encouraged.

**6. Training Decisions.** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aerospace Maintenance career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. Training decisions for this CFETP were made at the May 2002 U&TW and currency is maintained through annual reviews and at recurring U&TWs.

6.1. **Initial Skills.** First, students must complete the Aircraft Maintenance Fundamentals Course at Sheppard AFB, TX. This non-aircraft specific course is the fundamental training for all fixed wing aircraft maintenance apprentices. The curriculum includes general subjects such as safety, technical orders, hand tools, hardware, Maintenance Data Collection (MDC), Core Automated Maintenance System (CAMS), Aerospace Ground Equipment (AGE), and generic aircraft systems to include inspection and servicing. Students then enter an aircraft-specific training course and receive expanded aircraft systems and task training resulting in the award of apprentice skill level. The specific training accomplished and

where the training is accomplished is shown in each weapons-specific matrix in Part II of the CFETP. Tasks identified for training to the 3c proficiency level are also certified to this level within the course. A certified task means that the individual can complete the task utilizing tech data, but may not meet local standards for speed. Normally, task training and certification will be accomplished by, and signed off by, the same instructor per AETCI 36-2203. The appropriate specialty training standard (STS) within the CFETP will be used for this purpose.

**6.2. Five Level Upgrade Requirements.** To upgrade to the 5-level, personnel must meet educational and training requirements and grade requirements.

**6.3. Seven Level Upgrade Requirements.** To upgrade to the 7-level, personnel must meet education and training requirements and grade requirements.

**6.4. Proficiency/Continuation Training.** Additional knowledge and skill requirements, which are not taught through initial skills or upgrade training are accomplished by unit training or TDs. 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.

**7. Community College of the Air Force (CCAF).** Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. All airmen are automatically entered into the CCAF program. To learn more about other certification opportunities visit CCAF's website at <http://www.maxwell.af.mil/au/ccaf>.

## **Section C - Skill Level Training Requirements**

**8. Purpose.** Skill level training requirements in this specialty 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 task and knowledge training requirements are identified in the STS at Part II, section A and B of this CFETP.

**9. Training Sources and Resources.** Formal AETC 3-level initial skills courses will provide the required knowledge, qualification, and if applicable, certification. Training will focus on increasing “hands-on” time with task performance as the learning foundation. This strategy allows weapon-system training to be included in the initial skills course. Initial skills training includes aircraft fundamentals, system theory and operation, system components, component removal and installation, introduction to maintenance concepts, general flight line maintenance practices, use of technical publication, maintenance documentation, and AGE/SE equipment familiarization and use.

**9.1. Implementation.** Upon graduation from Basic Military Training, airmen are assigned to the 82d Training Wing, Sheppard AFB, Texas, to attend formal technical training appropriate to his or her end assignment. This training begins with the Aircraft Maintenance Fundamentals Course, which is common to all aircraft maintenance apprentices. This generic phase of training is followed by one or more aircraft-specific training courses. These task-oriented follow-on courses are conducted at several locations, as indicated below. Successful completion of formal technical training results in the award of the 3-skill level.

<u>AFSC</u>	<u>Aircraft</u>	<u>Course Number</u>	<u>Location</u>
2A531A	C-9	J3AQR2A531A 002	Sheppard AFB, TX
2A531A	C-9	J5ABO2A531A 002	Scott AFB, IL (MQTP)
2A531A	C-141	J3ABR2A531A 002	Sheppard AFB, TX
2A531B	C-130	J3AQR2A531B 000	Sheppard AFB, TX
2A531B	C-130	J3ABP2A531B 000	Little Rock AFB, AR
2A531C	C-5	J3AQR2A531C 000	Sheppard AFB, TX
2A531C	C-5	J3ABP2A531C 000	Dover AFB, DE
2A531D	C-17	J3AQR2A531D 000	Sheppard AFB, TX
2A531D	C-17	J3ABP2A531D 023	Charleston AFB, SC (TD) McChord AFB, WA (TD)
2A531E	B-1B	J3AQR2A531E 001	Sheppard AFB, TX
2A531E	B-1B	J3ABP2A531E 003	Dyess AFB, TX (TD) Ellsworth AFB SD (TD)
2A531E	B-2	J3AQR2A531E 003	Sheppard AFB, TX
2A531E	B-2	J3ABP2A531E 004	Whiteman AFB, MO (TD)
2A531F	B-52	J3ABR2A531F 001	Sheppard AFB, TX
2A531G	C-135	J3ABR2A531G 002	Sheppard AFB, TX
2A531G	E-3	J3AQR2A531G 001	Sheppard AFB, TX
2A531G	E-3	J3ABP2A531G 002	Tinker AFB, OK (TD)
2A531H	KC-10/E-4	J3AQR2A531H 001	Sheppard AFB, TX
2A531H	KC-10/E-4	J3ABP2A531H 001	McGuire AFB, NJ (TD) Travis AFB, CA (TD)

## Section D - Resource Constraints

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

## 11. Apprentice Level Training:

11.1. **Constraints.** Current generation aircraft/trainers are not available to support some training requirements in initial skills courses.

11.1.1. **Impact.** AETC initial skills training courses cannot always provide all needed hands-on task performance training. This equipment shortfall increases the training burden on field units.

11.1.2. **Resources required.** Obtain the following aircraft/high fidelity trainers: B-52H (1), KC-135R (1), KC-135R engine/nacelle/strut trainer (1), B-52 H engine/nacelle/strut trainer (1).

11.1.3. **Action Required.** Obtain aircraft or high fidelity trainers.

11.2. **OPR and target completion date:** 82 TRSS/TGAO OCR: HQ AETC/DOOI, 360 TRS/TRR. Completion date unknown.

**12. Journeyman Level Training:** There are no resource constraints.

**13. Craftsman Level Training:** There are no resource constraints.

**PART II****Section A-- Specialty Training standard**

**1. Implementation.** This STS will be used for technical training provided by AETC for classes beginning 1 August 2003.

**2. Purpose.** As prescribed in AFI 36-2201, this STS includes the following:

2.1. **Proficiency code key (attachment 1).** contains the various codes used to indicate the level of training and knowledge provided in resident training and career development courses.

**2.2. STS Format.**

2.2.1. **Column 1 (Task, Knowledge, and Technical Reference).** the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill levels are listed. All task/knowledge items taught in the initial skills courses are also trained in resident wartime courses.

2.2.2. **Column 2 (Core Tasks).** identifies by asterisk (\*), specialty-wide training requirements. Core tasks identified with an \*R are optional for the AFRC and the ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional core tasks as necessary. When designated, certify these core tasks using normal core task certification procedures. As a minimum, certification on all specialty-wide core tasks must be completed for skill level upgrade. Exemptions:

2.2.2.1. Core tasks, which are not applicable to base assigned aircraft or equipment, are not required for upgrade. Units are not required to send personnel TDY for core task training.

2.2.2.2. For units with more than one MDS aircraft, upgrade trainees need only complete core tasks on a single MDS. MFM's, unit commanders, and/or supervisors may require trainees to complete core task training on additional MDSs. 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. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

2.2.3. **Column 3 (Certification of OJT).** used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification or a completion date.

2.2.4. **Column 4 (Proficiency codes).** defines formal training in initial skills courses, 5- and 7-skill level CDC requirements and 7-level resident course requirements. Proficiency codes show 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. When two codes are used in column 4A (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listing.

2.3. **Common requirements (STS attachment 2).** lists tasks and knowledge applicable to all aircraft/AFSC shreds.

2.4. **Qualitative requirements (STS attachments 3 through 14)** list qualitative requirements as they apply to specific aircraft/AFSC shreds.

2.5. **Job Qualification Standard (JQS).** STS attachments one and two, along with at least one of attachments three through fourteen, plus any applicable AF Form 797 continuation sheets, collectively become a JQS for on-the-job training when placed in AF Form 623, *On-The-Job Training Record*, and used per AFI 36-2201. Use of AF Form 623b is authorized in lieu of AF Form 623.

**3. Recommendations.** Report unsatisfactory performance of initial skills course graduates to the AETC Training Manager at 360TRS/TRR, 913 J Avenue, Sheppard AFB TX, 76311-2520, DSN 736-1484. Reference specific STS paragraphs. For a quick response to problems, call the customer service information line, DSN 736-5236.

BY ORDER OF THE SECRETARY OF THE AIR FORCE  
OFFICIAL

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

27 Attachments

1. Proficiency Code Key (Mandatory in records with CFETP Part I and Part II, Section A)
2. 2A5X1 Common Requirements (Mandatory)
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<b>This Block Is For Identification Purposes Only</b>		
<b>Name Of Trainee</b>		
<b>Printed Name (Last, First, Middle Initial)</b>	<b>Initials (Written)</b>	<b>SSAN</b>
<b>Printed Name Of Training/Certifying Official And Written Initials</b>		
<i>N/I</i>	<i>N/I</i>	
<b>Proficiency Code Key</b>		
	<b>Scale Value</b>	<b>Definition: The individual</b>
<b>Task Performance Levels</b>	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (extremely limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (partially proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (highly proficient)
<b>*Task Knowledge Levels</b>	a	Can name parts, tools, and simple facts about the task. (nomenclature)
	b	Can determine step by step procedures for doing the task. (procedures)
	c	Can identify why and when the task must be done and why each step is needed. (operating principles)
	d	Can predict, isolate, and resolve problems about the task. (advanced theory)
<b>**Subject Knowledge Levels</b>	A	Can identify basic facts and terms about the subject. (facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (evaluation)
<b>Explanations</b>		
* 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 courses or CDCs.		
/ This mark is used in course columns to show that training is provided to a level lower than required due to limitations in resources. (3c/b, 2b/b, 2b/X etc.).		
X This mark is used in course columns to show that training is required but not given due to limitations in resources		
<b>Note:</b> All tasks and knowledge items shown with a proficiency code are trained during wartime.		

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC

NOTE 1: Users are responsible for annotating training references pending STS revision.

NOTE 2: All tasks/knowledge items taught in the initial skills course will be taught in wartime initial skills courses.

NOTE 3: Items in column 2 marked with an asterisk (\*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked \*/R identify a core task that is optional for AFRC and ANG.

NOTE 4: All applicable safety requirements, inspection requirements, TOs/corrosion/FOD, use of aircraft equipment, tools and hardware necessary to properly perform maintenance are integrated throughout training.

A2.1. CAREER LADDER PROGRESSION TR: AFMAN 36-2108										
A2.1.1. Progression in career ladder 2A5X1								A	-	-
A2.1.2. Duties of AFSC 2A5X1								A	-	-
A2.2. OPERATIONS SECURITY (OPSEC) VULNERABILITY OF AFSC 2A5X1 TR: AFI 10-1101								A	-	-
A2.3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFI 91-301, applicable AFOSH Standards, applicable aircraft TOs										
A2.3.1. Housekeeping consistent with safety of personnel and equipment								A	B	-
A2.3.2. Safety precautions pertaining to aircraft maintenance TR: AFOSH STD 91-100, TO 1-1-691 and 00-25-172										
A2.3.2.1. Engine air intake and exhaust								A	B	-
A2.3.2.2. High intensity sound								A	B	-
A2.3.2.3. Turbine plane of rotation								A	B	-
A2.3.2.4. Radio frequency radiation								A	B	-
A2.3.2.5. Ground handling of aircraft TR: AFI 11-218								A	B	-
A2.3.2.6. Hot brakes								A	B	-
A2.3.2.7. Use of tools and equipment								A	B	-
A2.3.2.8. Servicing aircraft systems								A	B	-
A2.3.2.9. Cleaning Agents								A	B	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.3.2.10. Solvents								A	B	- -
A2.3.2.11. Lubricants								A	B	- -
A2.3.2.12. High pressure gasses								-	-	- -
A2.3.2.13. Aircraft explosive equipment								-	-	- -
A2.3.2.14. Composite materials								A	B	- -
A2.3.3. Portable ground fire extinguishers TR: AFI 32-2001; TO 00-25-172										
A2.3.3.1. Perform pre-use inspection	*							2b	B	- -
A2.3.3.2. Position								b	B	- -
A2.3.3.3. Operate								b	-	- -
A2.3.4. Foreign Object Damage (FOD) prevention program TR: AFI 21-101								A	-	- -
A2.3.5. Dropped Object prevention program								-	B	- -
A2.3.6. Hazardous chemicals TR: AFOSH Std 161 -21										
A2.3.6.1. Use								A	B	- -
A2.3.6.2. Disposal								A	B	- -
A2.3.6.3. Hazard communication training program								B	-	- -
A2.3.7. Use AF Form 1492 TR: AFI 21-101, AFOSH STD 91-100								-	-	- -
A2.4. MAINTENANCE DIRECTIVES, REFERENCES, & INSTRUCTIONS TR: AFI 37-160 vol 1, TOs 00-5-1, 00-5-2, 00-20-5										
A2.4.1. TO system								A	B	- -
A2.4.2. Air Force manuals and instructions								A	B	- -
A2.4.3. Use technical orders	*							2b	-	- -
A2.4.4. TO improvement reporting								-	B	- -
A2.5. SUPERVISION TR: AFI 21-101										

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
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 TR: AFI 36-2403								-	-	-	-
A2.5.6. Resolve technical problems encountered by subordinates								-	-	-	-
A2.5.7. Counsel personnel and resolve individual problems								-	-	-	-
A2.5.8. Initiate action to correct substandard personnel TR: AFI 36-2907, AFI 36-2503								-	-	-	-
A2.5.9. Participate in USAF graduate evaluation program TR: AFI 36-2201								-	-	-	-
A2.6. TRAINING TR: AFI 36-2201											
A2.6.1. Evaluate personnel for training								-	-	-	-
A2.6.2. Plan and supervise OJT								-	-	-	-
A2.6.3. Counsel trainees on training progress								-	-	-	-
A2.6.4. Prepare AF Form 797								-	-	-	-
A2.6.5. Document training records								-	A	B	-
A2.6.6. Evaluate effectiveness of training programs								-	-	-	-
A2.7. MAINTENANCE MANAGEMENT TR: AFI-21-101											
A2.7.1. Basic functions within maintenance								A	B	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.7.2. Management of training								-	-	-
A2.7.3. Resource management								-	-	-
A2.7.4. Personnel management and Interaction								-	-	B
A2.7.5. Budget management								-	-	-
A2.7.6. Maintenance accountability								-	-	C
A2.7.7. Base resource functions/interactions TR: AFI 65-601, Vol 2								-	-	A
A2.7.8. Maintenance incident investigation and prevention								-	-	C
A2.7.9. Determine Aircraft Status TR AFI 21-103								-	-	a
A2.8. MAINTENANCE DATA DOCUMENTATION (MDD) TR: AFI 21-101, TO 00-20-2, 00-20-5 Applicable aircraft –06 Work Unit Code Manuals, CAMS on-line help screens										
A2.8.1. MDD Fundamentals								A	B	-
A2.8.2. Aircraft and supporting maintenance records										
A2.8.2.1. Purpose								A	B	-
A2.8.2.2. Automated Forms								A	-	-
A2.8.2.3. Document AFTO Form 781H								2b	-	-
A2.8.2.4. Document AFTO Form 781A								2b	-	-
A2.8.2.5. Document AFTO Form 781J								2b	-	-
A2.8.2.6. Document AFTO Form 781K								2b	-	-
A2.8.2.7. Document other AFTO 781 series forms								-	-	-
A2.8.2.8. Document AFTO Form 244/245								a	-	-
A2.8.2.9. Document AFTO Form 350								1b	-	-
A2.8.2.10. Document DD Form 2026 (JOAP) TR: TO 33-1-37-1								-	-	-
A2.8.3. Core automated maintenance system (CAMS)										

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.8.3.1. Purpose								A	B	-
A2.8.3.2. Job data documentation (JDD)										
A2.8.3.2.1. Purpose								A	B	-
A2.8.3.2.2. Access JDD								1b	-	-
A2.8.3.2.3. Create maintenance event								1b	-	-
A2.8.3.2.4. Defer maintenance event								1b	-	-
A2.8.3.2.5. Schedule maintenance event								1b	-	-
A2.8.3.2.6. Close maintenance event								1b	-	-
A2.8.3.3. Use CAMS								1b	-	-
A2.8.3.4. Use GO-81								-	-	-
A2.8.4. Historical records								-	-	-
A2.9. MAINTENANCE MATERIALS/ TOOLS TR:TO 1-1A-8, 1-1A-14, 1-1-691 and 32-series TOs as applicable										
A2.9.1. Tool control								B	B	-
A2.9.2. Select/use restraint harness (e.g.; fall protection/prevention equipment)								-	-	-
A2.9.3. Select and use special tools								-	-	-
A2.9.4. Process PMEL Equipment								-	-	-
A2.9.5. Hardware										
A2.9.5.1. Purpose								A	B	-
A2.9.5.2. Remove/install common hardware								2b	-	-
A2.9.6. Electrical connectors										
A2.9.6.1. Purpose								A	B	-
A2.9.6.2. Connect/disconnect								2b	-	-
A2.9.7. Securing devices										
A2.9.7.1. Purpose								A	B	-
A2.9.7.2. Install/remove safety wire								2b	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.9.7.3. Install/remove cotter pins								2b	-	-	-
A2.9.8. Lubricants								A	B	-	-
A2.9.9. Sealants								A	B	-	-
A2.9.10. Adhesives								A	B	-	-
A2.9.11. Cleaning agents TR: TO 1-1-691								A	B	-	-
A2.9.12. Common hand tools TR: Applicable AFOSH Standards, 32- series TOs as applicable											
A2.9.12.1. Purpose								A	-	-	-
A2.9.12.2. Select and use								2b	-	-	-
A2.9.13. Measuring tools TR: Applicable AFOSH Standards, 32- series TOs as applicable											
A2.9.13.1. Purpose								A	-	-	-
A2.9.13.2. Select and use ruler								2b	-	-	-
A2.9.13.3. Select and use thickness gauge								2b	-	-	-
A2.9.13.4. Use multi-meter								-	B	-	-
A2.9.13.5. Select and use torque wrench								2b	B	-	-
A2.10. RESPONSIBILITY FOR SUPPLY TR: AFI 21-101, AFMAN 23-110											
A2.10.1. Maintenance supply concept								A	B	-	-
A2.10.2. Special requisition (GPC, Local purchase)								-	-	-	-
A2.10.3. Ordering parts								A	B	-	-
A2.10.4. Prepare repairable and serviceable parts for turn-in								-	B	-	-
A2.10.5. DIFM Control								-	A	B	-
A2.10.6. Process request for local manufacture of parts								-	-	-	-
A2.10.7. Maintain equipment accounts								-	-	A	-
A2.10.8. Deficiency reporting TR: TO 00-35D-54								-	B	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.10.9. Warranty programs TR: TO 00-35D-54, 00-20-3								-	B	-	-
A2.10.10. DD Forms 1574, 1575, 1576, 1577 and 1577-2 TR: AFMAN 23-110, V1, Pt 1								-	B	-	-
A2.11. AIRCRAFT GENERAL TR: AFI 11-218, AFOSH Standard 91-100, TO 00-25-172, TO 1-1B-50 and applicable aircraft TOs											
A2.11.1 Determine weight and balance requirements								-	-	-	-
A2.11.2. Inventory aircraft equipment TR: AFI 21-103								-	-	-	-
A2.11.3. Safe aircraft for maintenance								-	A	-	-
A2.11.4. Corrosion control program TR: TO 1-1-691											
A2.11.4.1. Aircraft cleaning								A	B	-	-
A2.11.4.2. Corrosion identification								A	B	-	-
A2.11.4.3. Corrosion treatment								A	B	-	-
A2.11.4.4. Lubrication methods								A	B	-	-
A2.11.5. Aircraft inspection concepts/types TR: TO 00-20-5								A	B	-	-
A2.11.6. Principles of ground handling								A	B	-	-
A2.11.7. Aircraft marshalling								b	-	-	-
A2.11.8. Crash recovery								-	B	-	-
A2.11.9. Perform inclement/cold weather procedures TR: T.O. 42C-1-2S-2								-	-	-	-
A2.11.10. Deice aircraft: TO 42C-1-2S-2								-	-	-	-
A2.11.11. Debrief aircrews								-	-	-	-
A2.11.12. Aircraft guarded switches											
A2.11.12.1. Design/function/proper identification								A	-	-	-
A2.11.12.2. Remove and replace covers								-	-	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.11.12.3. Operational check								-	-	-
A2.11.13. Landing gear proximity sensors								-	A	-
A2.11.14. Simulate airborne conditions								-	A	-
A2.11.15. Hardness Critical Procedures (HCP)								-	A	-
A2.11.16. Aircraft Battle Damage Repair (ABDR) TR: 1-1H-39								-	B	-
<b>A2.12. AIRFRAME</b> TR: Applicable aircraft TOs										
A2.12.1. Structure								A	B	-
A2.12.2. Remove/install airframe panels								1b	-	-
A2.12.3. Inspect airframe structural components								1b	-	-
A2.12.4. Cargo door and ramps								-	A	-
A2.12.5. Weapons bay components								-	A	-
<b>A2.13. LANDING GEAR</b> TR: Applicable aircraft TOs										
A2.13.1. System fundamentals								A	B	-
<b>A2.13.2. Service</b>										
A2.13.2.1. Shock Strut								1b	-	-
A2.13.2.2. Tire								1b	-	-
<b>A2.13.3. Remove/Install</b>										
A2.13.3.1. Wheel and tire assembly								1b	-	-
A2.13.3.2. Brake assembly								1b	-	-
A2.13.4. Brake bleeding								A	-	-
A2.13.5. Troubleshoot								-	B	c
<b>A2.14. UTILITIES</b> TR: Applicable aircraft TOs										
<b>A2.14.1. System fundamentals</b>										
A2.14.1.1. Liquid cooling								-	A	-
A2.14.1.2. Oxygen								A	B	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.14.1.3. Bleed air								A	B	-
A2.14.1.4. Pressurization								A	B	-
A2.14.1.5. Air conditioning								A	B	-
A2.14.1.6. Fire/Overheat warning								A	B	-
<b>A2.15. FLIGHT CONTROLS</b> TR: Applicable aircraft TOs										
A2.15.1. System fundamentals								A	B	-
A2.15.2. Component identification								A	-	-
A2.15.3. Operate flight controls								1b	-	-
A2.15.4. Troubleshoot								-	B	c
<b>A2.16. HYDRAULICS</b> TR: Applicable aircraft TOs										
A2.16.1. System fundamentals								A	B	-
<b>A2.16.2. Service</b>										
A2.16.2.1. Reservoir								b	-	-
A2.16.2.2. Accumulator								b	-	-
<b>A2.16.3. Remove/install components</b> TR: TO 1-1A-8, applicable acft TOs										
A2.16.3.1. Tubing/hoses								1b	-	-
A2.16.3.2. Fittings								1b	-	-
A2.16.3.3. Filter elements								1b	-	-
A2.16.4. Troubleshoot								-	B	c
<b>A2.17. ENGINES</b> TR: Applicable aircraft TO										
A2.17.1. System fundamentals								A	B	-
A2.17.2. Component identification								A	-	-
A2.17.3. Oil system servicing								A	-	-
A2.17.4. Joint Oil Analysis Program								-	B	-
A2.17.5. Troubleshoot								-	-	b

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.18. FUELS TR: TO 00-25-172, TO 1-1-3 and applicable aircraft TOs										
A2.18.1. System fundamentals								A	B	-
A2.18.2. Operate system								b	-	-
A2.18.3. Classify fuel leaks								A	B	-
A2.19. ELECTRICAL TR: Applicable aircraft TOs										
A2.19.1. AC Electrical system fundamentals								A	B	-
A2.19.2. DC electrical system fundamentals								A	B	-
A2.19.3. Remove/Install/operate lighting components								1b	-	-
A2.19.4. Troubleshoot								-	-	b
A2.20. AEROSPACE GROUND EQUIPMENT TR: AFOSH Std 91-66 as applicable										
A2.20.1. Mobile maintenance platforms TR: AFOSH Std 91-2, TO 35A4- series as applicable										
A2.20.1.1. Manually operated platforms										
A2.20.1.1.1. Purpose and description								A	B	-
A2.20.1.1.2. Perform pre-use inspection								2b	-	-
A2.20.1.1.3. Operate								2b	-	-
A2.20.1.2. Self-propelled universal platforms								-	B	-
A2.20.2. Aircraft jacks TR: TO 35A2- series as applicable										
A2.20.2.1. Purpose and description								A	B	-
A2.20.2.2. Perform pre-use inspection								2b	-	-
A2.20.2.3. Operate								2b	-	-
A2.20.3. Oxygen servicing equipment TR: TO 15X-1-1, 37C2-8- as applicable										
A2.20.3.1. Liquid oxygen (LOX)										

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.20.3.1.1. Purpose and description								A	B	-
A2.20.3.1.2. Perform pre-use inspection								1b	-	-
A2.20.3.1.3. Operate								1b	-	-
A2.20.3.2. Gaseous oxygen (GOX) TR: TO 15X-1-1, 37C2-8- as applicable										
A2.20.3.2.1. Purpose and description								-	-	-
A2.20.3.2.2. Perform pre-use inspection								-	-	-
A2.20.3.2.3. Operate								-	-	-
A2.20.4. Diesel driven air compressors TR: TO 34Y1- series as applicable										
A2.20.4.1. Purpose and description								-	B	-
A2.20.4.2. Perform pre-use inspection								-	-	-
A2.20.4.3. Operate								-	-	-
A2.20.5. Ground heaters TR: 35E7- series as applicable										
A2.20.5.1. Purpose and description								A	B	-
A2.20.5.2. Perform pre-use inspection								2b	-	-
A2.20.5.3. Operate								2b	-	-
A2.20.6. Lighting equipment TR: TO 35F5- series as applicable										
A2.20.6.1. Purpose and description								A	B	-
A2.20.6.2. Perform pre-use inspection								2b	-	-
A2.20.6.3. Operate								2b	-	-
A2.20.7. Hydraulic test stand TR: TO 33A2- series as applicable										
A2.20.7.1. Purpose and description								A	B	-
A2.20.7.2. Perform pre-use inspection										
A2.20.7.2.1. Engine driven								-	-	-
A2.20.7.2.2. Electric motor driven								-	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
1. Tasks, Knowledge And Technical References										
A2.20.7.2.3. Jacking manifold								-	-	-
A2.20.7.3. Operate										
A2.20.7.3.1. Engine driven								-	-	-
A2.20.7.3.2. Electrically operated								-	-	-
A2.20.7.3.3. Jacking Manifold								-	-	-
A2.20.8. Air conditioning units TR: TO 35E9- Series as applicable										
A2.20.8.1. Purpose and description								A	B	-
A2.20.8.2. Perform pre-use inspection								-	-	-
A2.20.8.3. Operate								-	-	-
A2.20.9. Ground generator sets/gas turbine compressors										
A2.20.9.1. A/M32A-60 Gas turbine generator set/gas turbine compressors TR: TO 35D12- series as applicable										
A2.20.9.1.1. Purpose and description								A	B	-
A2.20.9.1.2. Perform pre-use inspection								2b	-	-
A2.20.9.1.3. Operate								2b	-	-
A2.20.9.2. A/M32A-95 Gas turbine compressors TR: TO 35D12-series as applicable										
A2.20.9.2.1. Purpose and description								A	B	-
A2.20.9.2.2. Perform pre-use inspection								2b	-	-
A2.20.9.2.3. Operate								2b	-	-
A2.20.9.3. Diesel driven generator sets TR: TO 35C2- series as applicable										
A2.20.9.3.1. Purpose and description								A	B	-
A2.20.9.3.2. Perform pre-use inspection								2b	-	-
A2.20.9.3.3. Operate								2b	-	-
A2.20.10. Tow bar										
A2.20.10.1. Perform pre-use inspection								-	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A2.20.10.2. Connect/disconnect								-	-	-	-
A2.20.11. Tow vehicles TR: TO 36A10- series as applicable								-	B	-	-
A2.20.12. Self-generating nitrogen equipment TR: TO 35D29-7-6-1											
A2.20.12.1. Purpose and description								A	B	-	-
A2.20.12.2. Perform pre-use inspection								2b	-	-	-
A2.20.12.3. Operate								2b	-	-	-
A2.20.13. Liquid nitrogen servicing equipment TR: TO 35D3- series as applicable											
A2.20.13.1. Purpose and description								-	B	-	-
A2.20.13.2. Perform pre-use inspection								-	-	-	-
A2.20.13.3. Operate								-	-	-	-
A2.20.14. Gaseous nitrogen servicing equipment TR: TO 35D3- series as applicable											
A2.20.14.1. Purpose and description								-	B	-	-
A2.20.14.2. Perform pre-use inspection								-	-	-	-
A2.20.14.3. Operate								-	-	-	-
A2.20.15. Oil servicing carts TR: TO 35A17- series as applicable											
A2.20.15.1. Purpose and description								A	B	-	-
A2.20.15.2. Perform pre-use inspection								-	-	-	-
A2.20.15.3. Operate								-	-	-	-
A2.20.16. Hydraulic servicing carts TR: TO 35D29 Series as applicable											
A2.20.16.1. Purpose and description								A	B	-	-
A2.20.16.2. Perform pre-use inspection								2b	-	-	-
A2.20.16.3. Operate								2b	-	-	-
A2.20.17. Engine stands and dollies TR: 35D3- series as applicable											
A2.20.17.1. Purpose and description								-	B	-	-

# COMMON REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A2.20.17.2. Perform pre-use inspection								-	-	-
A2.20.17.3. Operate								-	-	-
A2.20.18. Crash Recovery equipment										
A2.20.18.1. Purpose								-	B	-
A2.20.18.2. Maintenance								-	-	-
A2.20.18.3. Use								-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Note 1: This attachment is to be used in conjunction with Attachment 2.											
A3.1. AIRCRAFT GENERAL											
A3.1.1. Periodic inspection concept and inspection TR: TO 00-20-5											
A3.1.1.1. Periodic inspection concept TR: TO 1B-1B-6								B	-	-	-
A3.1.1.2. Perform inspections											
A3.1.1.2.1. Preflight * TR: TO 1B-1B-6WC-1								3c	-	-	-
A3.1.1.2.2. Thruflight * TR: TO 1B-1B-6WC-1								3c	-	-	-
A3.1.1.2.3. Hourly postflight * TR: TO 1B-1B-6WC-1								2b	-	-	-
A3.1.1.2.4. Periodic TR: TO 1B-1B-6WC-2											
A3.1.1.2.4.1. Work area 1 inspection								-	-	-	-
A3.1.1.2.4.2. Work area 1 lube								-	-	-	-
A3.1.1.2.4.3. Work area 2 lube								-	-	-	-
A3.1.1.2.4.4. Work area 3 inspection								-	-	-	-
A3.1.1.2.4.5. Work area 3 lube								-	-	-	-
A3.1.1.2.4.6. Work area 4 inspection								-	-	-	-
A3.1.1.2.4.7. Work area 4 lube								-	-	-	-
A3.1.1.2.5. Acceptance								-	-	-	-
A3.1.1.2.6. Calendar								-	-	-	-
A3.1.1.2.7. Special								-	-	-	-
A3.1.1.2.8. Time change item								-	-	-	-
A3.1.1.2.9. Secondary structure inspection TR: TO 1B-1B-2-51JG-00-1, 1B-1B-2-51JG-00-9	*							-	-	-	-
A3.1.1.2.10. Aircraft wash TR: TO 1-1-691											

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.1.1.2.10.1. Wash operation								-	-	-
A3.1.1.2.10.2. Lubrication TR: TOs 1B-1B-6WC-2, 1B-1B-2-12JG-40-1								-	-	-
A3.1.2. Organizational Maintenance Manual Set (OMMS) TOs										
A3.1.2.1. OMMS TOs TR: OMMS Manual Set	*							B	-	-
A3.1.2.2. Use OMMS TOs TR: OMMS Manual Set	*							2b	-	-
A3.1.3. Aircraft communications equipment										
A3.1.3.1. Operate radio TR: TO 1B-1B-2-23JG-10-1	*							-	-	-
A3.1.3.2. Use interphone TR: TO 1B-1B-2-05JG-10-1	*							2b	-	-
A3.1.4. Perform ground handling TR: AFI 11-218, AFOSHSTD 91-100, TOs 00-25-172, 1B-1B-2-05GS-00-1										
A3.1.4.1. Launch aircraft	*							2b	-	-
A3.1.4.2. Recover aircraft	*							2b	-	-
A3.1.4.3. Tow aircraft TR: TO 1B-1B-2-05JG-10-1										
A3.1.4.3.1. Wing/tail walker	*							2b	-	-
A3.1.4.3.2. Brake operator	*							2b	-	-
A3.1.4.3.3. Tow team supervisor	*							-	-	-
A3.1.4.3.4. Tow vehicle operator								-	-	-
A3.1.4.4. Jack and level aircraft TR: TO 1B-1B-2-05JG-80-1										
A3.1.4.4.1. Jacking team member	*							b	-	-
A3.1.4.4.2. Jacking supervisor								-	-	-
A3.1.4.4.3. Operate jacking manifold								-	-	-
A3.1.4.4.4. Axle jacking	*							2b	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.1.4.5. Crash recovery TR: TOs GE07/2AAKP-502, 1B-1B-2-07GS-00-1	*							-	-	-
A3.1.5. Weight and balance functions TR: TO 1B-1B-5								-	-	-
A3.1.6. Safe aircraft for maintenance TR: TO 1B-1B-2-05JG-20-1	*							3c	-	-
A3.1.7. Hardness critical procedures TR: TO 1B-1B-2-XXJG-00-1								A	-	-
A3.1.8. Safe aircraft for simulated airborne condition TR: TO 1B-1B-2-05JG-20-1								-	-	-
A3.1.9. Proximity switch control covering/uncovering TR: TO 1B-1B-2-05JG-10-1								-	-	-
<b>A3.2. AIRFRAME SYSTEMS</b>										
A3.2.1. Airframe components and structure TR: TO 1B-1B-2-51GS-00-1, 1B-1B-2-57GS-00-1								B	-	-
A3.2.2. Perform operational check entry door/hatch TR: TO 1B-1B-2-52JG-10-1								-	-	-
A3.2.3. Perform operational check weapons bay door TR: TO 1B-1B-2-94JG-90-1								-	-	-
A3.2.4. Remove/install										
A3.2.4.1. Engine bay door TR: TO 1B-1B-2-54JG-00-1								-	-	-
A3.2.4.2. Panels TR: TOs 1B-1B-2-51JG-00-1, 1B-1B-2-51JG-00-9	*							2b	-	-
A3.2.4.3. Non-explosive seats TR: TO 1B-1B-2-25JG-00-1								-	-	-
A3.2.4.4. Windows TR: TO 1B-1B-2-56JG-10-1								-	-	-
A3.2.4.4.1. Pilot/copilot forward windshields								-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.2.4.4.2.	Pilot/copilot side windows							-	-	-	-
A3.2.4.4.3.	Pilot/copilot overhead windows							-	-	-	-
A3.2.4.4.4.	OSO/DSO side windows							-	-	-	-
A3.2.4.5.	Radomes TR: TO 1B-1B-2-53JG-50-1										
A3.2.4.5.1.	Nose							-	-	-	-
A3.2.4.5.2.	Tail							-	-	-	-
A3.2.4.5.3.	Forward side fairing							-	-	-	-
A3.2.4.5.4.	Aft side fairing							-	-	-	-
A3.2.4.6.	Thermal flash protection shields TR: TO 1B-1B-2-25JG-10-1							-	-	-	-
A3.2.4.7.	Weapons bay doors TR: TOs 1B-1B-2-52JG-30-1, 1B-1B-2-05JG-50-1										
A3.2.4.7.1.	Remove/install							-	-	-	-
A3.2.4.7.2.	Splitting							-	-	-	-
A3.2.4.8.	Weapons bay spoilers TR: TO 1B-1B-2-94JG-90-3							-	-	-	-
A3.2.4.9.	Entry door/stair ladder TR: TO 1B-1B-2-52JG-30-1										
A3.2.4.9.1.	Actuator/gearbox assembly							-	-	-	-
A3.2.4.9.2.	Actuator motor							-	-	-	-
A3.2.4.9.3.	Chain							-	-	-	-
A3.2.4.9.4.	Latching control mechanism							-	-	-	-
A3.2.4.9.5.	Pressure door seal							-	-	-	-
A3.2.4.10.	Overwing fairing inflatable seals TR: TO 1B-1B-2-51JG-00-1							-	-	-	-
A3.2.4.11.	Pivoting wedge TR: TO 1B-1B-2-54JG-50-1										
A3.2.4.11.1.	Fairing							-	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.2.4.11.2. Wedge assembly								-	-	-	-
A3.2.4.11.3. Spring assembly bungee								-	-	-	-
A3.2.4.12. Wing pivot panels TR: TO 1B-1B-2-53JG-00-1											
A3.2.4.12.1. Upper forward								-	-	-	-
A3.2.4.12.2. Upper intermediate								-	-	-	-
A3.2.4.12.3. Upper aft								-	-	-	-
A3.2.4.12.4. Lower pivot panel								-	-	-	-
A3.2.4.13. Fuel cooling scoops TR: TO 1B-1B-2-21JG-10-1								-	-	-	-
A3.2.4.14. Radar Cross Section (RCS) vane TR: TO 1B-1B-2-54JG-30-1											
A3.2.4.14.1. Forward RCS vane								-	-	-	-
A3.2.4.14.2. Aft RCS vane								-	-	-	-
A3.2.4.15. Horizontal stabilizer tip TR: TO 1B-1B-2-55JG-10-1								-	-	-	-
A3.2.4.16. Horizontal stabilizer leading edge TR: TO 1B-1B-2-55JG-10-1								-	-	-	-
A3.2.4.17. Wing tip TR: TO 1B-1B-2-55JG-10-1								-	-	-	-
A3.2.5. Open/close											
A3.2.5.1. Entry door/hatch TR: TOs 1B-1B-2-05JG-10-1, 1B-1B-2-05JG-50-1	*							2b	-	-	-
A3.2.5.2. Aft hatches TR: TO 1B-1B-2-05JG-50-1								-	-	-	-
A3.2.5.3. Main landing gear doors TR: TO 1B-1B-2-05JG-50-1	*							2b	-	-	-
A3.2.5.4. UARRSI door TR: TO 1B-1B-2-28JG-20-5								2b	-	-	-
A3.2.5.5. Weapons bay door TR: TO 1B-1B-2-05JG-50-1	*							b	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.2.5.6. Engine bay door TR: TO 1B-1B-2-05JG-50-1	*							2b	-	-	-
A3.2.5.7. Radomes TR: TO 1B-1B-2-05JG-50-1											
A3.2.5.7.1. Nose								-	-	-	-
A3.2.5.7.2. Tail								-	-	-	-
A3.2.5.7.3. Forward side fairing								2b	-	-	-
A3.2.5.7.4. Aft side fairing								-	-	-	-
A3.2.5.8. Overwing fairing TR: TO 1B-1B-2-05JG-50-1								-	-	-	-
A3.2.6. Adjust/rig											
A3.2.6.1. Weapons bay doors TR: TO 1B-1B-2-52JG-30-1								-	-	-	-
A3.2.6.2. Weapons bay PDUs TR: TO 1B-1B-2-94JG-40-2, 1B-1B-2-94JG-40-3								-	-	-	-
A3.2.6.3. Rotary actuators TR: TO 1B-1B-2-94JG-40-2 1B-1B-2-94JG-40-3								-	-	-	-
A3.2.6.4. Weapons bay spoilers TR: TO 1B-1B-2-52JG-30-1								-	-	-	-
A3.2.6.5. Entry door/stair ladder TR: TO 1B-1B-2-52JG-10-1								-	-	-	-
A3.2.6.5.1. Actuator/gearbox assembly								-	-	-	-
A3.2.6.5.2. Actuator motor								-	-	-	-
A3.2.6.5.3. Chain								-	-	-	-
A3.2.6.5.4. Latching control mechanism								-	-	-	-
A3.2.6.5.5. Entry door uplock system TR: TO 1B-1B-2-52JG-10-1								-	-	-	-
A3.3. LANDING GEAR SYSTEMS TR: TO 1B-1B-2-32GS-00-1, 1B-1B-2-32JG series											
A3.3.1. Landing gear components and system operation								A	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.3.2.	Perform operational check										
A3.3.2.1.	Landing gear							-	-	-	-
A3.3.2.2.	Brakes							-	-	-	-
A3.3.2.3.	Steering system							-	-	-	-
A3.3.3.	Operate										
A3.3.3.1.	Brakes	*						2b	-	-	-
A3.3.3.2.	Steering							-	-	-	-
A3.3.4.	Service TR: Applicable aircraft - 2 TOs										
A3.3.4.1.	Landing gear struts										
A3.3.4.1.1.	Nitrogen	*						2b	-	-	-
A3.3.4.1.2.	Hydraulic fluid							-	-	-	-
A3.3.4.2.	Axle beam positioner										
A3.3.4.2.1.	Nitrogen	*						2b	-	-	-
A3.3.4.2.2.	Hydraulic fluid							b	-	-	-
A3.3.4.3.	Nose wheel steering gearbox							2b	-	-	-
A3.3.4.4.	Tires TR: TO 4T-1-3	*						2b	-	-	-
A3.3.5.	Lubricate landing gear components TR: TO 1B-1B-6WC-2, 1B-1B-2-12JG-40-1							-	-	-	-
A3.3.6.	Remove/install										
A3.3.6.1.	Wheel and tire assemblies TR: TO 1B-1B-2-32JG-40-4	*						2b	-	-	-
A3.3.6.2.	Brake assemblies TR: TO 1B-1B-2-32JG-40-3		*					-	-	-	-
A3.3.6.3.	Nose gear strut assembly TR: TO 1B-1B-2-32JG-10-1							-	-	-	-
A3.3.6.4.	Nose gear wheel well doors TR: TO 1B-1B-2-52JG-80-1							-	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.3.6.5. Main gear strut assembly TR: TO 1B-1B-2-32JG-10-1								-	-	-
A3.3.6.6. Main gear axle beam Positioner TR: TO 1B-1B-2-32JG-10-3								-	-	-
A3.3.6.7. Main gear wheel well doors TR: TO 1B-1B-2-52JG-80-1		*						-	-	-
A3.3.7. Bleed brake systems TR: TO 1B-1B-2-32JG-40-1		*						-	-	-
A3.4. UTILITY SYSTEMS TR: TO 1B-1B-2-21GS-00-1, 1B-1B-2-26GS-00-1, 1B-1B-2-30GS-00-1, 1B-1B-2-35GS-00-1										
A3.4.1. Utility components and system operation								B	-	-
A3.4.2. Perform operational check of fire/overheat warning system TR: TO 1B-1B-2-26JG-10-1								-	-	-
A3.4.3. Operate										
A3.4.3.1. Bleed air system TR: TO 1B-1B-2-21JG-00-1								-	-	-
A3.4.3.2. Air conditioning system TR: TO 1B-1B-2-21JG-10-2								-	-	-
A3.4.3.3. Fire/overheat warning system TR: TO 1B-1B-2-26JG-10-1								-	-	-
A3.4.3.4. Fire extinguishing system TR: TO 1B-1B-2-26JG-20-1								-	-	-
A3.4.4. Service oxygen system TR: TO 1B-1B-2-12JG-20-1	*							2b	-	-
A3.4.5. Service environmental systems TR: TOs 1B-1B-2-12JG-20-1										
A3.4.5.1. Top off coolant loops (ACL, ICL, LCL)	*							2b	-	-
A3.4.5.2. Refrigeration units (#1, #2 and stores)	*							2b	-	-
A3.4.6. Pre cooler blower TR: TO 1B-1B-2-21JG-10-1										

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.4.6.1. Remove and install								-	-	-	-
A3.4.6.2. Perform operational check								-	-	-	-
A3.4.7. Self contained toilet TR: TO 1B-1B-2-25JG-40-1											
A3.4.7.1. Remove and install								-	-	-	-
A3.4.7.2. Service								-	-	-	-
A3.4.7.3. Repair								-	-	-	-
A3.5. FLIGHT CONTROL SYSTEMS TR: TO 1B-1B-2-27GS-00-1											
A3.5.1. Flight control components and system operation								B	-	-	-
A3.5.2. Perform operational check of flight controls								-	-	-	-
A3.5.3. Operate flight controls TR: TO 1B-1B-2-27JG-10-1, 1B-1B-2-27JG-20-1, 1B-1B-27JG-30-1											
A3.5.3.1. Roll control								2b	-	-	-
A3.5.3.2. Pitch control								2b	-	-	-
A3.5.3.3. Yaw control								2b	-	-	-
A3.5.3.4. Flap/slat control								2b	-	-	-
A3.5.3.5. Wing sweep TR: TO 1B-1B-2-27JG-80-1											
A3.5.3.5.1. Less than 35 degrees								-	-	-	-
A3.5.3.5.2. Greater than 35 degrees								-	-	-	-
A3.5.4. Remove/install flight control components											
A3.5.4.1. Spoiler master micro-adjust rod TR: TO 1B-1B-2-27JG-10-1								-	-	-	-
A3.5.4.2. Roll feel bungee TR: TO 1B-1B-2-27JG-10-2								-	-	-	-
A3.5.4.3. Roll disengage mechanism TR: TO 1B-1B-2-27JG-10-2								-	-	-	-

## B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT						4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E		A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.5.4.4.	Cable tension regulator bungee TR: TO 1B-1B-2-27JG-10-3								-	-	-	-
A3.5.4.5.	Roll centering bungee TR: TO 1B-1B-2-27JG-10-3								-	-	-	-
A3.5.4.6.	Inboard spoiler override bungee TR: TO 1B-1B-2-27JG-10-3								-	-	-	-
A3.5.4.7.	Roll aft feel bungee TR: TO 1B-1B-2-27JG-10-3								-	-	-	-
A3.5.4.8.	Spoiler EM actuator TR: TO 1B-1B-2-27JG-10-3								-	-	-	-
A3.5.4.9.	Outboard spoiler override bungee TR: TO 1B-1B-2-27JG-10-4								-	-	-	-
A3.5.4.10.	Horizontal stabilizer roll trim actuator TR: TO 1B-1B-2-27JG-10-4								-	-	-	-
A3.5.4.11.	Speedbrake/spoiler roll trim actuator TR: TO 1B-1B-2-27JG-10-4								-	-	-	-
A3.5.4.12.	Adjusto bolts TR: TO 1B-1B-2-27JG-20-1								-	-	-	-
A3.5.4.13.	Pilot/copilot pedals TR: TO 1B-1B-2-27JG-20-2								-	-	-	-
A3.5.4.14.	Upper rudder TR: TO 1B-1B-2-55JG series								-	-	-	-
A3.5.4.15.	Intermediate rudder TR: TO 1B-1B-2-55JG series								-	-	-	-
A3.5.4.16.	Lower rudder TR: TO 1B-1B-2-55JG series								-	-	-	-
A3.5.4.17.	Yaw trim actuator TR: TO 1B-1B-2-27JG-20-3								-	-	-	-
A3.5.4.18.	Yaw limiter actuator TR: TO 1B-1B-2-27JG-20-3								-	-	-	-
A3.5.4.19.	Horizontal stab upper/lower servo cylinder TR: TO 1B-1B-2-27JG-30-2								-	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT						4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E		A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.5.4.20.	Pitch aft feel bungee TR: TO 1B-1B-2-27JG-30-2								-	-	-	-
A3.5.4.21.	Pitch master cylinder override bungee TR: TO 1B-1B-2-27JG-30-2								-	-	-	-
A3.5.4.22.	Pitch override bungee TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.23.	Pitch disengage mechanism TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.24.	Pitch forward feel bungee TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.25.	Stick disengage handle TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.26.	Pitch centering bungee TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.27.	Linkage shaker motor TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.28.	Pitch trim actuator TR: TO 1B-1B-2-27JG-30-3								-	-	-	-
A3.5.4.29.	Roll SCAS override bungee TR: TO 1B-1B-2-27JG-40-2								-	-	-	-
A3.5.4.30.	Yaw SCAS override bungee TR: TO 1B-1B-2-27JG-40-4								-	-	-	-
A3.5.4.31.	Wing fairing TR: TO 1B-1B-2-53JG series								-	-	-	-
A3.5.4.32.	Wing sweep gear subassembly (GSA) drive coupling/shaft TR: TO 1B-1B-2-27JG-80-1								-	-	-	-
A3.5.4.33.	Wing sweep drive coupling TR: TO 1B-1B-2-27JG-80-2								-	-	-	-
A3.5.4.34.	Right angle drive gearbox TR: TO 1B-1B-2-27JG-80-2								-	-	-	-
A3.5.4.35.	Ballscrew actuator TR: TO 1B-1B-2-27JG-80-2								-	-	-	-
A3.5.4.36.	Mechanical control linkage TR: TO 1B-1B-2-27JG-80-3								-	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.5.4.37. Wing sweep ground interlock control cable assembly TR: TO 1B-1B-2-27JG-80-3								-	-	-
A3.5.4.38. Left angle drive gearbox TR: TO 1B-1B-2-27JG-80-3								-	-	-
A3.5.4.39. Alternate wing sweep control actuator TR: TO 1B-1B-2-27JG-80-3								-	-	-
A3.5.4.40. Flap/slat torque limiter TR: TO 1B-1B-2-27JG-80-6								-	-	-
A3.5.4.41. Flap/slat angle drive gearbox TR: TO 1B-1B-2-27JG-80-6								-	-	-
A3.5.4.42. Slat offset gearbox TR: TO 1B-1B-2-27JG-80-6								-	-	-
A3.5.4.43. Flap step-over gearbox TR: TO 1B-1B-2-27JG-80-7								-	-	-
A3.5.4.44. Slat step-over gearbox TR: TO 1B-1B-2-27JG-80-7								-	-	-
A3.5.4.45. Flap/slat jack-screw TR: TO 1B-1B-2-27JG-80-7								-	-	-
A3.5.4.46. Flap segments TR: TO 1B-1B-2-57JG series								-	-	-
A3.5.4.47. Slat segments TR: TO 1B-1B-2-57JG series								-	-	-
A3.5.4.48. Flap/slat interlock TR: TO 1B-1B-2-27JG-80-4								-	-	-
A3.5.4.49. SMCS vanes TR: TO 1B-1B-2-56JG series								-	-	-
A3.5.5. Inspect flight controls TR: TO 1B-1B-6								-	-	-
A3.5.6. Lubricate flight controls TR: TOS 1B-1B-6WC-2, 1B-1B-2-12JG-40-1								-	-	-
A3.5.7. Rig/adjust flight controls TR: TO 1B-1B-2-27JG series								-	-	-
A3.5.7.1. Roll control								-	-	-
A3.5.7.2. Outboard spoiler control								-	-	-

## B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.5.7.3. Yaw control								-	-	-	-
A3.5.7.4. Pitch control								-	-	-	-
A3.5.7.5. Stick position versus surface position check								-	-	-	-
A3.5.7.6. Roll SCAS								-	-	-	-
A3.5.7.7. Pitch SCAS								-	-	-	-
A3.5.7.8. Wing sweep								-	-	-	-
A3.5.7.9. Flap/slat								-	-	-	-
A3.5.8. Troubleshoot flight controls TR: TO 1B-1B-2-27JG series								-	-	-	-
A3.5.9. Flight control hydraulic actuator alignment test set (OSE 14H02) TR: TO 33D3-15-26-1											
A3.5.9.1. Inspect								-	-	-	-
A3.5.9.2. Setup								-	-	-	-
A3.5.9.3. Operate								-	-	-	-
A3.6.2. HYDRAULIC SYSTEMS											
A3.6.1. Hydraulic components and system operation TR: TO 1B-1B-2-29GS-00-1, applicable aircraft - 2 TOs								B	-	-	-
A3.6. Service											
A3.6.2.1. Reservoir TR: TO 1B-1B-2-12JG-20-1	*							2b	-	-	-
A3.6.2.2. Accumulator TR: TO 1B-1B-2-12JG-30-1	*							2b	-	-	-
A3.6.3. Apply hydraulic power											
A3.6.3.1. Using APU TR: TO 1B-1B-2-49JG-00-1, 1B-1B-2-49JG-00-2	*/R							2b	-	-	-
A3.6.3.2. Using hydraulic test stand TR: TO 1B-1B-2-29JG-00-1								-	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.6.4. Perform leak checks TR: TO 1B-1B-2-29JG-00-1	*							b	-	-	-
A3.7. ENGINES											
A3.7.1. Engine and Auxiliary Power Unit (APU) components and system operation TR: TO 1B-1B-2-70GS-00-1, 1B-1B-2-83GS-00-1, 1B-1B-2-49GS-00-1								B	-	-	-
A3.7.2. Inspect airframe inlet and engine intake TR: TO 1B-1B-6WC-1, 1B-1B-2-70JG-30-1								-	-	-	-
A3.7.3. Perform engine operational check TR: TOs 1B-1B-2-70JG-30-1, 1B-1B-2-70JG-40-1								-	-	-	-
A3.7.4. Operate											
A3.7.4.1. Engine TR: TOs 1B-1B-2-70JG-30-1								-	-	-	-
A3.7.4.2. APUs and subsystems TR: TO 1B-1B-2-49JG-00-2	*/R							2b	-	-	-
A3.7.4.3. Motor engines TR: TO 1B-1B-2-70JG-30-1								-	-	-	-
A3.7.5. Service TR: TO 1B-1B-2-12JG-30-1											
A3.7.5.1. Oil system	*							2b	-	-	-
A3.7.5.2. Integrated drive generator	*							2b	-	-	-
A3.7.5.3. Accessory drive gearbox	*							2b	-	-	-
A3.7.5.4. APUs	*							2b	-	-	-
A3.7.6. Remove/install TR: TO 1B-1B-2-80JG-10-1											
A3.7.6.1. Air turbine starter								-	-	-	-
A3.7.6.2. Starter control valve								-	-	-	-
A3.7.7. Take engine oil sample TR: TO 33-1-37, 1B-1B-2-12JG-30-1								-	-	-	-

## B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.7.8.	Perform leak checks TR: TO 1B-1B-2-49JG-00-1, 1B-1B-2-70JG-00-1							b	-	-	-
A3.7.9.	Air intake moveable lip components and system operation TR: TO 1B-1B-2-71JG-60-1										
A3.7.9.1.	Perform operational check of air intake moveable lip (ground power)							-	-	-	-
A3.7.9.2.	Perform operational check of air intake moveable lip (forward crew station)							-	-	-	-
A3.7.9.3.	Remove/install air intake moveable lip components TR: TO 1B-1B-2-71JG-60-1										
A3.7.9.3.1.	Moveable lip upper linear actuator							-	-	-	-
A3.7.9.3.2.	Moveable lip lower linear actuator							-	-	-	-
A3.7.9.3.3.	Moveable lip power drive unit							-	-	-	-
A3.7.9.3.4.	Moveable lip TR: TO 1B-1B-2-54JG-20-1							-	-	-	-
A3.7.9.4.	Rig/adjust air intake moveable lip components TR: TO 1B-1B-2-71JG-60-1							-	-	-	-
A3.8.	AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH STANDARDS, TO 00-25-172, Applicable aircraft – 2 series TOs										
A3.8.1.	Fuel components and system operation							B	-	-	-
A3.8.2.	Refuel aircraft TR: TO 1B-1B-2-12JG-10-1										
A3.8.2.1.	Team member (ground observer)	*						2b	-	-	-
A3.8.2.2.	Team panel operator										
A3.8.2.2.1.	Auto	*						2b	-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References										
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.8.2.2. Manual	*							2b	-	-
A3.8.2.3. Team supervisor										
A3.8.2.3.1. Auto		*						-	-	-
A3.8.2.3.2. Manual		*						-	-	-
A3.8.3. Defuel aircraft TR: TO 1B-1B-2-12JG-10-1										
A3.8.3.1. Team member (ground observer)	*							2b	-	-
A3.8.3.2. Team panel operator										
A3.8.3.2.1. Auto	*							2b	-	-
A3.8.3.2.2. Manual	*							2b	-	-
A3.8.3.3. Team supervisor										
A3.8.3.3.1. Auto		*						-	-	-
A3.8.3.3.2. Manual		*						-	-	-
A3.8.4. Emergency defueling TR: TO 1B-1B-2-12JG-10-1										
A3.8.4.1. Supervisor								-	-	-
A3.8.4.2. Fire guard								-	-	-
A3.8.4.3. Safety observer								-	-	-
A3.8.5. Prepare aircraft for fuel cell maintenance TR: TO 1B-B1-2-28JG-00-1								-	-	-
A3.8.6. Ground transfer fuel TR: TO 1B-1B-2-28JG-00-1	*							2b	-	-
A3.8.7. Remove/install 180 inch weapons bay tank TR: 1B-1B-2-28JG-10-1, 35D3-9-21-1										
A3.8.7.1. Load team supervisor								-	-	-
A3.8.7.2. Load team assistant								-	-	-
A3.8.7.3. Lift truck (jammer) operator								-	-	-
A3.8.7.4. Lift truck (jammer) RCU								-	-	-

# B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A3.8.7.5. operator								-	-	-	-
A3.8.7.5. Perform component check out								-	-	-	-
A3.8.8. Fuel sump draining								-	-	-	-
A3.8.8. TR: 1B-1B-2-12JG-10-1											
A3.9. ELECTRICAL SYSTEMS											
A3.9.1. Electrical components and system operation								B	-	-	-
A3.9.1. TR: TO 1B-1B-2-24GS-00-1											
A3.9.2. Connect/apply external electrical power	*							2b	-	-	-
A3.9.2. TR: TO 1B-1B-2-05JG-10-1											
A3.9.3. Disconnect external electrical power	*							2b	-	-	-
A3.9.3. TR: TO 1B-1B-2-05JG-10-1											
A3.9.4. Apply electrical power using APU	*/R							2b	-	-	-
A3.9.4. TR: TO 1B-1B-2-49JG-00-2											
A3.9.5. Remove/install batteries	*							2b	-	-	-
A3.9.5. TR: TO 1B-1B-2-24JG-00-1, 1B-1B-2-24JG-30-1											
A3.10. EGRESS SYSTEM											
A3.10. TR: TO 1B-1B-2-95GS-00-1, 1B-1B-2-95JG-00-1											
A3.10.1. Egress components and system operation								B	-	-	-
A3.10.2. Operate seat adjustment	*							2b	-	-	-
A3.11. AEROSPACE GROUND EQUIPMENT											
A3.11. TR: AFOSH Standard 91-100											
A3.11.1. Inspect and operate gaseous oxygen servicing equipment with intensifier								-	-	-	-
A3.11.1. TR: TOs 15X1-1, 37C2-8											
A3.11.2. Inspect and operate coolant servicing carts											
A3.11.2. TR: TO 35E10-27-1											
A3.11.2.1. Liquid coolant cart								-	-	-	-
A3.11.2.2. Hand operated servicing cart								-	-	-	-

## B-1B QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A3.11.3. Inspect and operate mobile hydraulic oil dispenser TR: TO 35D8 series								2b	-	-
A3.11.4. Inspect and operate wing sweep support fixture TO: 35-1-271-2								-	-	-
A3.11.5. Spring panel press TR: 35-1-271-2										
A3.11.5.1. Pre use inspection								-	-	-
A3.11.5.2. Use								-	-	-
A3.12. CENTRAL INTEGRATED TEST SYSTEM (CITS)										
A3.12.1. CITS operation TR: TO 1B-1B-2-46GS-00-1	*							B	-	-
A3.12.2. Remove/install magnetic tape TR: TO 1B-1B-2-46JG-40-1	*							2b	-	-
A3.12.3. Printer tape load TR: TO 1B-1B-2-46JG-40-1								B	-	-
A3.12.4. Operate TR: TOS 1B-1B-2-40JG-00-1, 1B-1B-2-40JG-24-1, 1B-1B-2-40JG-28-1, 1B-1B-2-40JG-92-1, 1B-1B-2-40JG-00-1, 1B-1B-2-40JG-46-1										
A3.12.4.1. Parameter monitor mode	*							2b	-	-
A3.12.4.2. Ground readiness test	*							2b	-	-
A3.13. Structural data collector remove/install TR: TO 1B-1B-2-33JG-10-1								-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course CDC

NOTE 1: This attachment is to be used in conjunction with Attachment 2.

A4.1. AIRCRAFT GENERAL										
A4.1.1. Phased inspection concept and inspections TR: TOs 00-20-5, 1B-2A-6, 1B-2A-6WC-1, 1B-2A-6WC-2										
A4.1.1.1. Phased inspection concept								B	-	-
A4.1.1.2. Perform inspections										
A4.1.1.2.1. Preflight										
A4.1.1.2.1.1. Work Area #1	*							2b	-	-
A4.1.1.2.1.2. Work Area #2 and #3	*							2b	-	-
A4.1.1.2.1.3. Work Area #4	*							2b	-	-
A4.1.1.2.2. Thruflight										
A4.1.1.2.2.1. Part 2A	*							2b	-	-
A4.1.1.2.2.2. Part 2B	*							2b	-	-
A4.1.1.2.3. Postflight										
A4.1.1.2.3.1. Work Area #1	*							2b	-	-
A4.1.1.2.3.2. Work Area #2 and #3	*							2b	-	-
A4.1.1.2.3.3. Work Area #4	*							2b	-	-
A4.1.1.2.4. Phase										
A4.1.1.2.4.1. Inspect Work Area #1								-	-	-
A4.1.1.2.4.2. Lubricate Work Area #1								-	-	-
A4.1.1.2.4.3. Inspect Work Area #2								-	-	-
A4.1.1.2.4.4. Lubricate Work Area #2								-	-	-
A4.1.1.2.4.5. Inspect Work Area #3								-	-	-
A4.1.1.2.4.6. Lubricate Work Area #3								-	-	-
A4.1.1.2.4.7. Inspect Work Area #4								-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
A4.1.1.2.4.8. Lubricate Work Area #4								-	-	-	-
A4.1.1.2.5. Acceptance								-	-	-	-
A4.1.1.2.6. Calendar								-	-	-	-
A4.1.1.2.7. Special								-	-	-	-
A4.1.1.2.8. Time change item								-	-	-	-
A4.1.1.2.9. Alert											
A4.1.1.2.9.1. Part 4A								-	-	-	-
A4.1.1.2.9.2 Part 4B								-	-	-	-
A4.1.2. Aircraft Wash TR: 1B-2A-2-12JG-40-1											
A4.1.2.1. Preparation								-	-	-	-
A4.1.2.2. Wash								-	-	-	-
A4.1.2.3. Lube								-	-	-	-
A4.1.2.4. Restoration								-	-	-	-
A4.1.3. Organizational Maintenance Manual Set (OMMS) TOs TR: Applicable B-2A TOs											
A4.1.3.1. OMMS TOs								B	-	-	-
A4.1.3.2. Use OMMS TOs	*							2b	-	-	-
A4.1.4. Aircraft communications equipment TR: Applicable -2 TOs											
A4.1.4.1. Operate radios								-	-	-	-
A4.1.4.2. Use interphone	*							3c	-	-	-
A4.1.5. Perform ground handling TR: AFI 21-101; AFOSH 91-100; TO 00-25-172; Applicable -2 TOs											
A4.1.5.1. Launch aircraft	*							2b	-	-	-
A4.1.5.2. Recover aircraft	*							2b	-	-	-
A4.1.5.3. Tow aircraft TR: 1B-2A-2-05JG-10-3											
A4.1.5.3.1. Wing/tail walker	*							2b	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.1.5.3.2. Brake operator	*							2b	-	-	-
A4.1.5.3.3. Tow team supervisor		*						-	-	-	-
A4.1.5.3.4. Tow vehicle operator								-	-	-	-
A4.1.5.3.5 Alert Towing								-	-	-	-
A4.1.5.4. Jack and level aircraft TR: 1B-2A-2-05JG-80-1											
A4.1.5.4.1. Jacking team member	*							b	-	-	-
A4.1.5.4.2. Jacking supervisor								-	-	-	-
A4.1.5.4.3. Jack manifold operator								-	-	-	-
A4.1.5.4.4. Plumb bob operator								-	-	-	-
A4.1.5.5. Axle jacking	*							2b	-	-	-
A4.1.5.6. Crash recovery								-	-	-	-
A4.1.6. Weight and balance functions TR: TO 1B-2A-5								-	-	-	-
A4.1.7. Verify aircraft center of gravity using FM/MS	*							-	-	-	-
A4.1.8. Remove and install proximity caps TR: 1B-2A-2-05JG-10-3	*							2b	-	-	-
A4.1.9. Simulate airborne								-	-	-	-
A4.1.10. Aircraft Safe											
A4.1.10.1. Aircraft safe for maintenance TR: 1B-2A-2-05JG-20-1	*							3c	-	-	-
A4.1.10.2. Alert safe for maintenance TR: 1B-2A-2-05JG-70-1								-	-	-	-
A4.1.11. Hardness critical procedures	*							b	-	-	-
A4.1.12. Perform electrostatic discharge procedures	*							2b	-	-	-
A4.1.13. Observable critical procedures	*							b	-	-	-
A4.1.14. Low observable awareness	*							b	-	-	-
A4.1.15. Comply with blade seal safety precautions	*							3c	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
A4.1.16. Remove/install/service equipment/furnishings											
A4.1.16.1. Toilet TR: 1B-2A-2-25JG-40-1								-	-	-	-
A4.1.16.2. Sustenance container TR: 1B-2A-2-25JG-10-1								-	-	-	-
A4.2. AIRFRAME SYSTEMS TR: Applicable -2 TOs											
A4.2.1. Airframe components and construction								B	-	-	-
A4.2.2. Operate Doors TR: 1B-2A-2-01JG-60-1 & 2											
A4.2.2.1. Crew entry door											
A4.2.2.1.1. Pneudraulically	*							2b	-	-	-
A4.2.2.1.2. Manually	*							-	-	-	-
A4.2.2.2. Aft nose landing gear door	*							b	-	-	-
A4.2.2.3. Aft equipment bay entry door											
A4.2.2.3.1. Electrically	*							2b	-	-	-
A4.2.2.3.2. Manually								-	-	-	-
A4.2.2.4. Auxiliary air inlet door								-	-	-	-
A4.2.2.5. APU exhaust doors								-	-	-	-
A4.2.3. Remove/install											
A4.2.3.1. Crew entry pressure door TR: 1B-2A-2-52JG-10-2								-	-	-	-
A4.2.3.2. Crew entry pressure door seal TR: 1B-2A-2-52JG-10-4								-	-	-	-
A4.2.3.3. Engine/AMAD bay doors TR: 1B-2A-2-52JG-90-2								-	-	-	-
A4.2.3.4. ECS/hyd bay doors TR: 1B-2A-2-52JG-40-3								-	-	-	-
A4.2.3.5. Nozzle bay panels TR: 1B-2A-2-57JG-30-2								-	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.2.3.6. Panels		*						-	-	-	-
A4.2.3.7. Remove LO tape								-	-	-	-
A4.2.3.8. Windows TR: 1B-2A-2-56JG-10-1								-	-	-	-
A4.2.3.9. Radomes TR: 1B-2A-2-53JG-40-1								-	-	-	-
A4.2.3.10. Passive Thermal Protection Systems (PTPS) TR: 1B-2A-2-25JG-10-1								-	-	-	-
<b>A4.2.4. Open/close</b>											
A4.2.4.1. Crew entry pressure door	*							2b	-	-	-
A4.2.4.2. Engine/AMAD bay doors TR: 1B-2A-2-01JG-60-1	*							2b	-	-	-
A4.2.4.3. ECS/hydraulic bay doors TR: 1B-2A-2-01JG-60-2	*							2b	-	-	-
A4.2.4.4. Wheel well blow out doors TR: 1B-2A-2-01JG-60-3								-	-	-	-
A4.2.4.5. Intermediate Mold Surface (IMS) door rig/adjustment TR: 1B-2A-2-51GS-00-1 1B-2A-2-53GS-00-1								-	-	-	-
A4.2.5. Inspect airframe and components TR: 1B-2A-6								2b	-	-	-
A4.2.6. Inspect secondary structure		*						2b	-	-	-
A4.2.7. Inspect aircraft windows	*							2b	-	-	-
A4.2.8. Clean aircraft windows TR: 1B-2A-2-12JG-40-1	*							2b	-	-	-
<b>A4.3. LANDING GEAR SYSTEMS</b> TR: Applicable -2 TOs											
A4.3.1. Landing gear components and system operation								B	-	-	-
A4.3.1.1. Inspect landing gear components	*							2b	-	-	-
A4.3.2. Perform operational check											

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.3.2.1. Landing gear TR: 1B-2A-2-32JG-30-1	*	*						-	-	-	-
A4.3.2.2. Brakes TR: 1B-2A-2-32JG-40-1	*	*						-	-	-	-
A4.3.2.3. Steering system TR: 1B-2A-2-32JG-40-1								-	-	-	-
A4.3.2.4. Anti skid TR: 1B-2A-2-32JG-40-1								-	-	-	-
A4.3.3. Service											
A4.3.3.1. Landing gear struts w/ nitrogen TR: 1B-2A-2-12JG-30-2											
A4.3.3.1.1. Normal servicing	*							2b	-	-	-
A4.3.3.1.2. Special maintenance								2b	-	-	-
A4.3.3.2. Landing Gear Struts with Hydraulic fluid TR: 1B-2A-2-12JG-30-1								b	-	-	-
A4.3.3.3. Tires TR: 1B-2A-2-12JG-30-2											
A4.3.3.3.1. Nose	*							2b	-	-	-
A4.3.3.3.2. Main	*							2b	-	-	-
A4.3.4. Remove/install											
A4.3.4.1. Wheel and tire assemblies TR: 1B-2A-2-32JG-40-4											
A4.3.4.1.1. Nose	*							-	-	-	-
A4.3.4.1.2. Main	*							2b	-	-	-
A4.3.4.2. Brake assemblies TR: 1B-2A-2-32JG-40-3		*						-	-	-	-
A4.3.4.3. Brake equalizer rods								-	-	-	-
A4.3.4.4. Anti-skid magnetic drive unit								-	-	-	-
A4.3.5. Bleed brake systems TR: 1B-2A-2-32JG-40-1		*						-	-	-	-
A4.3.6. Rig/adjust landing gear system								-	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.4. WEAPONS BAY COMPONENTS TR: Applicable -2 TOs											
A4.4.1. Weapons bay components and system operation								A	-	-	-
A4.4.2. Operate weapons bay doors TR: 1B-2A-2-01JG-60-1											
A4.4.2.1. Manually	*							-	-	-	-
A4.4.2.2. Electrically	*							2b	-	-	-
A4.4.2.3. Hydraulically								-	-	-	-
A4.4.3. Inspect weapons system components TR: TO 1B-2A-6		*						-	-	-	-
A4.4.4. Troubleshoot weapons bay system								-	-	-	-
A4.4.5. Rig/adjust weapons bay system								-	-	-	-
A4.5. UTILITY SYSTEMS TR: Applicable -2 TOs											
A4.5.1. Utility components and system operation								B	-	-	-
A4.5.2. ECS power-up TR: 1B-2A-2-21JG-00-1	*							b	-	-	-
A4.5.3. Operate											
A4.5.3.1. Bleed air system								-	-	-	-
A4.5.3.2. Air conditioning system								-	-	-	-
A4.5.3.3. Pressurization system								-	-	-	-
A4.5.3.4. Anti-ice/de-ice system								-	-	-	-
A4.5.3.5. Rain removal system								-	-	-	-
A4.5.3.6. Fire Warning & Leak Detection System (FWALDS)								-	-	-	-
A4.5.3.7. Fire extinguishing system								-	-	-	-
A4.5.3.8. Back-up Oxygen System (BOS)	*							-	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.5.3.9. On Board Maintenance Printer (OBMP) TR: 1B-2A-2-31JG-30-1	*							3c	-	-	-
A4.5.3.10. Remove/install printer tape TR: 1B-2A-2-31JG-30-1	*							3c	-	-	-
A4.5.3.11. Use OBTS Ground Processor (OGP) report for fault isolation of system malfunction		*						-	-	-	-
A4.5.3.12. Load/unload maintenance write tapes/disks TR: 1B-2A-2-31JG-10-1	*							3c	-	-	-
A4.5.3.13. Operate OBTS controls/displays	*							3c	-	-	-
<b>A4.5.4. Troubleshoot</b>											
A4.5.4.1. Bleed air system								-	-	-	-
A4.5.4.2. Air conditioning system								-	-	-	-
A4.5.4.3. Pressurization system								-	-	-	-
A4.5.4.4. Anti-ice/de-ice system								-	-	-	-
A4.5.4.5. Rain removal system								-	-	-	-
A4.5.4.6. Fire Warning & Leak Detection System (FWALDS)								-	-	-	-
A4.5.4.7. Fire extinguishing system								-	-	-	-
A4.5.4.8. Back-up Oxygen System (BOS)								-	-	-	-
A4.5.5. Service Back-up Oxygen System TR: 1B-2A-2-12JG-20-1	*							b	-	-	-
<b>A4.5.6. Service equipment cooling systems TR: 1B-2A-2-12JG-20-1</b>											
A4.5.6.1. Service Ethylene Glycol Water (EGW) System	*							b	-	-	-
A4.5.6.2. Service Defense Management System (DMS)	*							b	-	-	-
A4.5.6.3. Service Liquid Coolant System (LCS)	*							b	-	-	-
<b>A4.5.7. Sample equipment cooling</b>											

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A4.5.7.1. Sample Ethylene Glycol Water (EGW) System TR: 1B-2A-2-21JG-80-3	*							b	-	-	-
A4.5.7.2. Sample Defensive Management System (DMS) TR: 1B-2A-2-21JG-80-4	*							b	-	-	-
A4.5.7.3. Sample Liquid Coolant System (LCS) TR: 1B-2A-2-21JG-80-1	*							b	-	-	-
A4.6. FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs											
A4.6.1. Flight control components and system operation								B	-	-	-
A4.6.2. Perform operational check of flight controls								-	-	-	-
A4.6.3. Operate flight controls								-	-	-	-
A4.6.4. Remove/install flight control components								-	-	-	-
A4.6.5. Inspect flight controls	*							2b	-	-	-
A4.6.6. Rig flight controls								-	-	-	-
A4.7. HYDRAULIC SYSTEMS TR: Applicable -2 TOs											
A4.7.1. Hydraulic components and system operation								B	-	-	-
A4.7.2. Service hydraulic system											
A4.7.2.1. Reservoirs TR: 1B-2A-2-12JG-20-1											
A4.7.2.1.1. Normal	*							2b	-	-	-
A4.7.2.1.2. Top-off	*							2b	-	-	-
A4.7.2.1.3. Alert TR: 1B-2A-2-05JG-70-2								-	-	-	-
A4.7.2.2. Accumulators											
A4.7.2.2.1. Normal TR: 1B-2A-2-12JG-30-2	*							2b	-	-	-
A4.7.2.2.2. Alert TR: 1B-2A-2-05JG-70-2								-	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.7.3. Apply hydraulic power using test stand TR: 1B-2A-2-05JG-10-2								2b	-	-	-
A4.7.4. Take hydraulic samples								-	-	-	-
A4.7.5. Reposition and torque line connections								-	-	-	-
A4.8. ENGINES TR: Applicable -2 TOs											
A4.8.1. Engine and Auxiliary Power Unit (APU) components and system operation								B	-	-	-
A4.8.2. Operate											
A4.8.2.1. Inspect engine inlets/exhausts TR: 1B-2A-2-70JG-10-1	*							-	-	-	-
A4.8.2.2. Engine and subsystems TR: 1B-2A-2-70JG-30-1, 2 & 3 1B-2A-2-70JG-40-1								-	-	-	-
A4.8.2.3. APU TR: 1B-2A-2-05JG-10-1 & 2								-	-	-	-
A4.8.2.4. APU in maintenance mode								-	-	-	-
A4.8.2.5. APU in ECS mode								-	-	-	-
A4.8.2.6. Ground observer								-	-	-	-
A4.8.3. Service											
A4.8.3.1. Engine oil TR: 1B-2A-2-12JG-30-1											
A4.8.3.1.1. Normal engine off	*							3c	-	-	-
A4.8.3.1.2. Normal engine operating								b	-	-	-
A4.8.3.1.3. Initial/unknown								b	-	-	-
A4.8.3.2. Airframe Mounted Accessory Drive (AMAD) oil	*							b	-	-	-
A4.8.3.3. APU oil	*							b	-	-	-
A4.8.3.4. Pressurized Air Start System (PASS)											

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.8.3.4.1. Normal TR: 1B-2A-2-12JG-30-2	*							2b	-	-	-
A4.8.3.4.2. Alert TR: 1B-2A-2-05JG-70-2								-	-	-	-
A4.8.3.4.3. Turbine driven recharge compressor (TDC) TR: 1B-2A-2-80JG-10-1								b	-	-	-
A4.8.3.5. AMAD heat exchanger flushing TR: 1B-2A-2-83JG-50-1								-	-	-	-
<b>A4.8.4. Remove/install</b>											
A4.8.4.1. Air turbine starter TR: 1B-2A-2-80JG-10-1								-	-	-	-
A4.8.4.2. Air turbine starter control valve TR: 1B-2A-2-83JG-20-1								-	-	-	-
A4.8.4.3. AMAD TR: 1B-2A-2-83JG-20-1	*							-	-	-	-
A4.8.4.4. Turbine driven recharge compressor (TDC) TR: 1B-2A-2-49JG-40-1								-	-	-	-
A4.8.4.5. Engines TR: 1B-2A-2-70JG-20-1								-	-	-	-
A4.8.4.6. Power transmission shaft (PTS) TR: 1B-2A-2-83JG-10-1								-	-	-	-
A4.8.4.7. AMAD power takeoff flange TR: 1B-2A-2-71JG-10-1								-	-	-	-
A4.8.4.8. AMAD carbon seal replacement TR: 1B-2A-2-83JG-20-2								-	-	-	-
A4.8.4.9. Hydraulic pump TR: 1B-2A-2-29JG-10-1								-	-	-	-
A4.8.4.10. Pump manifold TR: 1B-2A-2-29JG-10-1								-	-	-	-
A4.8.4.11. Integrated drive generator TR: 1B-2A-2-24JG-20-1								-	-	-	-
A4.8.4.12. AMAD filter elements TR: 1B-2A-2-83JG-20-2								-	-	-	-
A4.8.5. Take engine oil samples TR: 1B-2A-2-12JG-30-1	*							3c	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.9. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds; -2 TOs; TO 00-25-172											
A4.9.1. Fuel components and system operation										B	-
A4.9.2. Refuel aircraft TR: 1B-2A-2-12JG-10-1											
A4.9.2.1. Ground observer	*									2b	-
A4.9.2.2. Team panel operator											
A4.9.2.2.1. Ground control panel manual	*									2b	-
A4.9.2.2.2. Ground control panel auto	*									2b	-
A4.9.2.2.3. Manual fuel control panel	*									2b	-
A4.9.2.3. Team supervisor											
A4.9.2.3.1. Manual		*								-	-
A4.9.2.3.2. Auto		*								-	-
A4.9.2.3.2.1. Refueling aircraft using RH APU TR: 1B-2A-2-12JG-10-2											
A4.9.2.3.2.1.1. Team supervisor										-	-
A4.9.2.3.2.1.2. Ground control panel operator										-	-
A4.9.2.3.2.1.3. Cockpit operator (APU operator)										-	-
A4.9.3. Alert top-off TR: 1B-2A-2-0-5JG-70-2										-	-
A4.9.4. Defuel aircraft TR: 1B-2A-2-12JG-10-2											
A4.9.4.1. Ground observer	*									2b	-
A4.9.4.2. Team panel operator											
A4.9.4.2.1. Ground control panel	*									2b	-
A4.9.4.2.2. Manual fuel control panel	*									2b	-
A4.9.4.3. Team supervisor		*								-	-
A4.9.5. Prepare aircraft for fuel cell maintenance TR: TO 1-1-3										-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A4.9.6. Operate Air Refueling Receptacle Slipway Installation (ARRSI) TR: 1B-2A-2-28JG-20-5	*							-	-	-	-
A4.9.7. Ground transfer fuel TR: 1B-2A-2-28JG-00-1	*							2b	-	-	-
A4.9.8. Drain fuel tank sumps/obtain fuel samples TR: 1B-2A-2-12JG-10-2	*							2b	-	-	-
A4.9.9. Troubleshoot Fuel System								-	-	-	-
A4.10. ELECTRICAL SYSTEMS TR: Applicable -2 TOs											
A4.10.1. Electrical components and system operation								B	-	-	-
A4.10.2. Operate lighting system TR: 1B-2A-2-33JG-10-1											
A4.10.2.1. Internal lighting system	*							2b	-	-	-
A4.10.2.2. External lighting system	*							2b	-	-	-
A4.10.2.3. Indicator warning lights	*							2b	-	-	-
A4.10.2.4. Emergency lights	*							2b	-	-	-
A4.10.3. Remove/Install											
A4.10.3.1. Light lenses	*							-	-	-	-
A4.10.3.2. Light bulbs	*							-	-	-	-
A4.10.3.3. Batteries TR: 1B-2A-2-24JG-30-1	*							2b	-	-	-
A4.10.3.4. Landing/taxi light TR: 1B-2A-2-33JG-40-1	*							-	-	-	-
A4.10.4. Troubleshoot lighting system								-	-	-	-
A4.10.5. Connect/apply external electrical power TR: 1B-2A-2-05JG-10-1	*							3c	-	-	-
A4.10.6. Disconnect external electrical power TR: 1B-2A-2-05JG-10-2	*							3c	-	-	-

## B-2 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.10.7. Connect/apply external electrical power using bleed air carts TR: 1B-2A-2-05JG-10-1								-	-	-	-
A4.11. EGRESS SYSTEM TR: Applicable -2 TOs											
A4.11.1. Egress components and system operation								B	-	-	-
A4.11.2. Operate seat adjustment	*							3c	-	-	-
A4.12. DOCK/HANGAR PROCEDURES TR: Local Directives											
A4.12.1. Aqueous Film Forming Form (AFFF) Procedures								b	-	-	-
A4.13.1. Centralized Aircraft Support Systems (CASS)											
A4.13.1.1. Operate Electrical Power and Inverter System	*							3c	-	-	-
A4.13.1.2. Operate CASS Combined Air System	*							3c	-	-	-
A4.13.1.3. Operate CASS Hydraulic Power								-	-	-	-
A4.13.1.4. Operate Hangar Nitrogen	*							2b	-	-	-
A4.14. Inspect/Operate Fall Protection Devices								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC

Note: This attachment is to be used in conjunction with Attachment 2.

A5.1. AIRCRAFT GENERAL										
A5.1.1. Phased inspection concept and inspection TR: TOs 00-20-5, 1B-52H-6, 1B-52H-6WC-1										
A5.1.1.1. Phase inspection concept								B	-	-
A5.1.1.2. Perform inspections TR: TO 1B-52H-6WC-1										
A5.1.1.2.1. Preflight	*							2b	-	-
A5.1.1.2.2. Thruflight	*							2b	-	-
A5.1.1.2.3. Hourly Postflight	*							2b	-	-
A5.1.1.2.4. Phase								-	-	-
A5.1.1.2.4.1. Area 1										
A5.1.1.2.4.1.1. Inspection								-	-	-
A5.1.1.2.4.1.2. Lubrication								-	-	-
A5.1.1.2.4.2. Area 2										
A5.1.1.2.4.2.1. Inspection								-	-	-
A5.1.1.2.4.2.2. Lubrication								-	-	-
A5.1.1.2.4.3. Area 3										
A5.1.1.2.4.3.1. Inspection								-	-	-
A5.1.1.2.4.3.2. Lubrication								-	-	-
A5.1.1.2.4.4. Area 4										
A5.1.1.2.4.4.1. Inspection								-	-	-
A5.1.1.2.4.4.2. Lubrication								-	-	-
A5.1.1.2.5. Acceptance								-	-	-
A5.1.1.2.6. Calendar								-	-	-
A5.1.1.2.7. Special								-	-	-
A5.1.1.2.8. Alert inspection								-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.1.1.2.9. Alert exercise								-	-	-	-
A5.1.1.2.10. Load/secure 47 section TR: Applicable –2 TOs								-	-	-	-
A5.1.2. Technical orders TR: Applicable B-52 TOs											
A5.1.2.1. B-52 TOs	*							B	-	-	-
A5.1.2.2. Use B-52 TOs	*							2b	-	-	-
A5.1.2.3. Aircraft communications equipment TR: Applicable aircraft -2 TOs											
A5.1.2.3.1. Operate radio	*							-	-	-	-
A5.1.2.3.2. Use interphone	*							2b	-	-	-
A5.1.2.4. Perform ground handling TR: TO 00-25-172, AFI 11-218, AFOSH STD 91-100, Applicable –2 TOs											
A5.1.2.4.1. Launch aircraft	*							b	-	-	-
A5.1.2.4.2. Recover aircraft	*							b	-	-	-
A5.1.2.4.3. Tow aircraft TR: TO 1B-52H-2-2JG-2											
A5.1.2.4.3.1. Towing principles and procedures	*							B	-	-	-
A5.1.2.4.3.2. Tow team member	*							b	-	-	-
A5.1.2.4.3.3. Brake operator	*							b	-	-	-
A5.1.2.4.3.4. Tow team supervisor		*						-	-	-	-
A5.1.2.4.3.5. Tow vehicle operator								-	-	-	-
A5.1.2.4.3.6. Connect/disconnect tow bar			*					2b	-	-	-
A5.1.2.4.4. Jack aircraft/tripod jack TR: TO 1B-52H-2-2JG-4, 1B-52H-2-2JG-JG-5											
A5.1.2.4.4.1. Jacking principles/procedures and preparation								B	-	-	-
A5.1.2.4.4.2. Jacking team member								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.1.2.4.4.3. Jacking supervisor								-	-	-	-
A5.1.2.4.4.4. Landing gear retraction position A (ground)								-	-	-	-
A5.1.2.4.4.5. Landing gear retraction position B (cockpit)								-	-	-	-
A5.1.2.4.4.6. Jack aircraft wing tip		*						-	-	-	-
A5.1.2.4.4.7. Axle jacking		*						1b	-	-	-
A5.1.2.5. Weight and balance functions TR: TO 1B-52H-5								A	-	-	-
A5.1.2.6. Compute aircraft center of gravity using load adjuster		*						-	-	-	-
A5.1.2.7. Aircraft wash TR: TO 1B-52H-6WC-5, 1B-52H-2-2JG-16											
A5.1.2.7.1. Wash operation								-	-	-	-
A5.1.2.7.2. Lubrication								-	-	-	-
A5.2. AIRFRAME SYSTEMS TR: Applicable -2 TOs, 1B-52H-3											
A5.2.1. Airframe components and structure								B	-	-	-
A5.2.2. Operate TR: TO 1B-52H-2-2JG-6, 1B-52H-2-2JG-JG-7, 1B-52H-2-36JG-6											
A5.2.2.1. Entry door/hatch	*							2b	-	-	-
A5.2.2.2. Bomb bay door								b	-	-	-
A5.2.2.3. Emergency doors/hatches	*							1b	-	-	-
A5.2.3. Remove/install TR: Applicable -2 TOs, 1B-52H-2-2GA-1											
A5.2.3.1. Afterbody cowling TR: TO 1B-52H-2-2JG-6											
A5.2.3.1.1. Cowling								2b/b	-	-	-
A5.2.3.1.2. Latches								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.2.3.2. Wrap cowling TR: TO 1B-52H-2-2JG-6											
A5.2.3.2.1. Cowling								2b/b	-	-	-
A5.2.3.2.2. Latches								-	-	-	-
A5.2.3.3. Nose cowling TR: TO 1B-52H-2-2JG-6											
A5.2.3.3.1. Cowl assembly								-	-	-	-
A5.2.3.3.2. Auxiliary inlet screens								-	-	-	-
A5.2.3.3.3. Auxiliary inlet doors								-	-	-	-
A5.2.3.4. Panels								2b	-	-	-
A5.2.3.5. Non explosive seats								-	-	-	-
A5.2.3.6. Windows TR: TO 1B-52H-2-2JG-10											
A5.2.3.6.1. Window #1								-	-	-	-
A5.2.3.6.2. Window #2L and 2R								-	-	-	-
A5.2.3.6.3. Window 3L and 3R								-	-	-	-
A5.2.3.6.4. Window 4L and 4R								-	-	-	-
A5.2.3.6.5. Window 5L and 5R								-	-	-	-
A5.2.3.6.6. Window 6L and 6R								-	-	-	-
A5.2.3.6.7. Pilot's and copilot's hatch windows								-	-	-	-
A5.2.3.7. Radomes TR: TO 1B-52H-2-2JG-13								-	-	-	-
A5.2.3.8. Wingtip TR: TO 1B-52H-2-2JG-14								-	-	-	-
A5.2.3.9. Vortex generator TR: TO 1B-52H-2-2JG-14, 1B-52H-2-2JG-JG-15								-	-	-	-
A5.2.3.10. Remove/install vertical fin TR: TO 1B-52H-2-2JG-14								-	-	-	-
A5.2.3.11. Fold/erect vertical fin TR: TO 1B-52H-2-2JG-15								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.2.3.12. Main entrance hatch TR: TO 1B-52H-2-2JG-6											
A5.2.3.12.1. Remove/install hatch assembly								-	-	-	-
A5.2.3.12.2. Remove/install/adjust components								-	-	-	-
A5.2.3.13. Main entry hatch checkout								-	-	-	-
A5.2.4. Open/close TR: TO 1B-52H-2-2JG-6, 1B-52H-2-2JG-JG-13											
A5.2.4.1. Cowling											
A5.2.4.1.1. Wrap cowling	*							2b/b	-	-	-
A5.2.4.1.2. Afterbody cowling	*							2b/b	-	-	-
A5.2.4.2. Radomes								A	-	-	-
A5.2.5. Serviceability of aircraft windows TR: TO 1B-52H-2-2GA-1								A	-	-	-
A5.2.6. Secondary structure inspection TR: TO 1B-52H-3		*						-	-	-	-
A5.2.7. Inspect/repair/clean thermal curtains TR: TO 1B-52H-2-2GA-1								-	-	-	-
A5.2.8. Bomb door system TR: TO 1B-52H-2-6JG-6, 1B-52H-2-2JG-JG-7, 1B-52H-2-7JG-1											
A5.2.8.1. Remove/install latch components								-	-	-	-
A5.2.8.2. Remove/install radius rods								-	-	-	-
A5.2.8.3. Rig/adjust system components								-	-	-	-
A5.2.8.4. Perform system checkout with standby pumps								-	-	-	-
A5.2.8.5. Perform system checkout with engine pumps								-	-	-	-
A5.2.8.6. Remove/install door support struts TR: TO 1B-52H-2-2JG-1								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A5.3. LANDING GEAR SYSTEMS TR: Applicable -2 TOs											
A5.3.1. Landing gear components and system operation										B	-
A5.3.2. Operate TR: TO 1B-52H-2-10JG-3, 1B-52H-2-JG-8, JG-10											
A5.3.2.1. Landing gear										-	-
A5.3.2.2. Brakes	*									2b	-
A5.3.2.3. Steering system										-	-
A5.3.2.4. Perform system operational check										-	-
A5.3.3. Remove/install TR: TO 1B-52H-2-10JG-1, 1B-52H-2-JG-2, 1B-52H-2-JG-3, 1B-52H-2-JG-11											
A5.3.3.1. MLG wheel and tire assemblies	*									1b	-
A5.3.3.2. TPG wheel and tire assemblies										-	-
A5.3.3.3. Brake assemblies	*									B	-
A5.3.3.4. MLG strut assembly										-	-
A5.3.3.5. TPG strut assembly										-	-
A5.3.3.6. MLG doors										-	-
A5.3.3.7. TPG doors										-	-
A5.3.4. Bleed brake system										B	-
A5.3.5. Adjust											
A5.3.5.1. Main landing gear doors										-	-
A5.3.5.2. TPG uplock roller										-	-
A5.3.6. Install jumper wire on K622 squat switch										-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.3.7. Determine serviceability of aircraft tires TR: TO 4T-1-3	*							2b	-	-	-
A5.3.8. Service landing gear components TR: TO 1B-52H-2-2JG-3											
A5.3.8.1. Fill/drain MLG strut								-	-	-	-
A5.3.8.2. Fill/drain TPG strut								-	-	-	-
A5.3.8.3. Inflate/deflate MLG strut	*							2b	-	-	-
A5.3.8.4. Perform MLG air-to-oil ratio check								b	-	-	-
A5.3.8.5. Inflate/deflate TPG strut (Load/No load condition)	*							b	-	-	-
A5.3.8.6. Inflate/deflate MLG tires	*							2b	-	-	-
A5.3.8.7. Inflate/deflate TPG tires	*							2b	-	-	-
A5.3.8.8. MLG hydraulic bungee								-	-	-	-
A5.3.9. Steering system TR: TO 1B-52H-2-10JG-8, 1B-52H-2—10JG-9											
A5.3.9.1. Rig steering/crosswind crab system								-	-	-	-
A5.3.9.2. MLG scribe line marking								-	-	-	-
A5.3.9.3. Perform steering/crosswind crab system operational check								-	-	-	-
A5.3.9.4. Rig brake control system TR: TO 1B-52H-2-10JG-11								-	-	-	-
A5.3.10. Wheel and tire maintenance TR: TO 4T-1-3, 4W-1-61											
A5.3.10.1. Determine disposition of aircraft tires								-	-	-	-
A5.3.10.2. Clean and inspect aircraft wheels								-	-	-	-
A5.3.10.3. Clean, inspect, and repack aircraft wheel bearings and races								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.3.10.4. Inspect wheel/tire assembly after buildup								-	-	-	-
A5.3.10.5. Assemble/disassemble B-52 tip wheels								-	-	-	-
A5.3.10.6. Assemble/disassemble B-52 main wheels								-	-	-	-
A5.3.10.7. Inspect/use tire bead breaker								-	-	-	-
A5.3.10.8. Inspect/use degreaser								-	-	-	-
A5.3.10.9. Inspect/use tire safety cage								-	-	-	-
A5.3.10.10. Inspect/use bearing cup puller								-	-	-	-
A5.3.10.11. Inspect/use bead blaster								-	-	-	-
A5.3.10.12. Inspect/use jet washer								-	-	-	-
A5.3.10.13. Inspect/use grinder								-	-	-	-
A5.4. UTILITY SYSTEMS TR: Applicable -2 TOs											
A5.4.1. Utility components and system operation								A	-	-	-
A5.4.2. Oxygen system TR: TOs 00-25-172, 15X-1-1, 1B-52H-2-2JG-3											
A5.4.2.1. Service	*							1b	-	-	-
A5.4.2.2. Drain	*							1b	-	-	-
A5.4.3. Windshield wiper system TR: TO 1B-52H-2-2JG-11											
A5.4.3.1. Remove/install wiper blade								-	-	-	-
A5.4.3.2. Remove/install wiper motor								-	-	-	-
A5.4.3.3. Remove/Install wiper converter								-	-	-	-
A5.4.3.4. Perform operational checkout								-	-	-	-
A5.4.4. Drain ECS heat exchanger								-	-	-	-
A5.5.5. Drain water separator								-	-	-	-
A5.5.6. Service air cycle machine								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.5. FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs											
A5.5.1. Flight control components and system operation								B	-	-	-
A5.5.2. Operate flight controls											
A5.5.2.1. Primary flight controls TR: TO 1B-52H-2-4JG-1, 1B-52H-2-JG-4, 1B-52H-2-JG-8											
A5.5.2.1.1. Spoilers								2b	-	-	-
A5.5.2.1.2. Elevators								2b	-	-	-
A5.5.2.1.3. Rudder								b	-	-	-
A5.5.2.2. Secondary flight controls TR: TO 1B-52H-2-4JG-1, 1B-52H-2-JG-6, 1B-52H-2- JG-9	*										
A5.5.2.2.1. Flaps	*							2b	-	-	-
A5.5.2.2.2. Horizontal stabilizer								2b	-	-	-
A5.5.2.2.3. Air brakes								2b	-	-	-
A5.5.3. Remove/install flight control components TR: TO 1B-52H-2-4JG series								-	-	-	-
A5.5.4. Rig flight controls TR: TO 1B-52H-2-4JG series								-	-	-	-
A5.5.5. Remove/install control column components TR: TO 1B-52H-2-4JG series								-	-	-	-
A5.5.6. Lateral control systems TR: TO 1B-52H-2-4JG-1, 1B-52H-2- JG-2											
A5.5.6.1. Remove/install spoiler segments								-	-	-	-
A5.5.6.2. Spoiler pick up and lay down checkout								-	-	-	-
A5.5.6.3. Rig lateral control/trim system								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.5.6.4. Lateral control/trim system checkout								-	-	-	-
A5.5.6.5. Install/remove spoiler actuator locks TR: applicable -2 TOs								-	-	-	-
A5.5.7. Flap control system TR: TO 1B-52H-2-4JG-9, 1B-52H-2- JG-10, 1B-52H-2- JG-11											
A5.5.7.1. Remove/install flap segments								-	-	-	-
A5.5.7.2. Remove/install flap jackscrew assembly								-	-	-	-
A5.5.7.3. Remove/install flap motor/drive power unit								-	-	-	-
A5.5.7.4. Remove/install flap carriage								-	-	-	-
A5.5.7.5. Rig/adjust flap control system								-	-	-	-
A5.5.7.6. Perform system operational checkout								-	-	-	-
A5.5.7.7. Service components TR: TO 1B-52H-2-2JG-16											
A5.5.7.7.1. Flap drive power unit								-	-	-	-
A5.5.7.7.2. Dashpot								-	-	-	-
A5.5.7.7.3. Motor reduction gear box								-	-	-	-
A5.5.8. Elevator system TR: TO 1B-52H-2-4JG-4, 1B-52H-2- JG-5											
A5.5.8.1. Remove/install elevator								-	-	-	-
A5.5.8.2. Rig elevator control system								-	-	-	-
A5.5.8.3. Perform system operational checkout								-	-	-	-
A5.5.9. Stabilizer trim control system TR: TO 1B-52H-2-4JG-6, 1B-52H-2-2JG-16											
A5.5.9.1. Remove/install trim mechanism								-	-	-	-
A5.5.9.2. Rig/adjust trim system								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.5.9.3. Perform system operational checkout								-	-	-	-
A5.5.9.4. Service stabilizer trim gear housing								-	-	-	-
A5.5.10. Rudder control system TR: TO 1B-52H-2-4JG-8, 1B-52H-2-JG-9											
A5.5.10.1. Remove/install rudder								-	-	-	-
A5.5.10.2. Rig/adjust rudder control system								-	-	-	-
A5.5.10.3. Rig/adjust rudder trim system								-	-	-	-
A5.5.10.4. Perform system operational checkout								-	-	-	-
A5.6. HYDRAULIC SYSTEMS TR: Applicable -2 TOs											
A5.6.1. Hydraulic components and system operation TR: TO 1B-52H-2-6GA-1								B	-	-	-
A5.6.1.1. Service TR: TO 1B-52H-2-2JG-2											
A5.6.1.1.1. Reservoir	*							2b	-	-	-
A5.6.1.1.2. Accumulator	*							2b	-	-	-
A5.6.1.1.3. Drain reservoir								-	-	-	-
A5.6.1.1.4. Partial drain reservoir	*							2b	-	-	-
A5.6.1.2. Operate TR: TO 1B-52H-2-6JG-1 1B-52H-2-6GA-1											
A5.6.1.2.1. Engine driven pump								-	-	-	-
A5.6.1.2.2. Electrically operated pump	*							2b	-	-	-
A5.6.1.3. Perform leakage check	*							b	-	-	-
A5.7. ENGINES TR: Applicable -2 TOs											
A5.7.1. Engine components and system Operation TR: TO 1B-52H-2-7GA-1								B	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.7.2. Perform engine run TR: AFI 11-218, TO 1B-52H-2-7JG-1								-	-	-	-
A5.7.4. Service TR: TO 1B-52H-2-2JG-3											
A5.7.4.1. Oil system	*							2b/b	-	-	-
A5.7.4.2. Constant speed drive	*							2b/b	-	-	-
A5.7.5. Remove/install TR: TO 1B-52H-2-7JG-4, 1B-52H-2- JG-5											
A5.7.5.1. Air turbine starter								-	-	-	-
A5.7.5.2. Starter cartridge								b	-	-	-
A5.7.6. Take engine oil sample TR: TOs 33-1-37-1, 1B-52H-2-2JG-3	*							2b	-	-	-
A5.7.7. Perform leakage check TR: TO 1B-52H-2-7GA-1								b	-	-	-
A5.7.8. Perform engine inlet and exhaust Inspection TR: TO 1B-52H-2-7JG-10		*						-	-	-	-
A5.7.9. Cartridge starter circuit continuity checkout TR: TO 1B-52H-2-7JG-5								-	-	-	-
A5.7.10. Motor engines TR: TO 1B-52H-2-7JG-1								-	-	-	-
A5.7.11. Throttle cables TR: TO 1B-52H-2-2JG-11, 1B-52H-2-JG-17											
A5.7.11.1. Remove/install								-	-	-	-
A5.7.11.2. Rig throttle cables								-	-	-	-
A5.7.11.3. Operational checkout								-	-	-	-
A5.7.12. Throttle brake system TR: TO 1B-52H-2-2JG-11, 1B-52H-2-JG-12											
A5.7.12.1. Remove/install components								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.7.12.2. Rig/adjust								-	-	-	-
A5.7.12.3. System checkout								-	-	-	-
A5.8. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds, TO 00-25-172, Applicable -2 TOs											
A5.8.1. Fuel components and system operation TR: TO 1B-52H-2-5GA-1								B	-	-	-
A5.8.2. Refuel aircraft TR: TO 1B-52H-2-2JG-2, 1B-52H-2- JG-3											
A5.8.2.1. Team member	*							b	-	-	-
A5.8.2.2. Team panel operator	*							b	-	-	-
A5.8.2.3. Team supervisor		*						-	-	-	-
A5.8.2.4. Filler neck refuel								B	-	-	-
A5.8.3. Defuel aircraft TR: TO 1B-52H-2-2JG2, 1B-52H-2-JG-3, 1B-52H-2-5JG-1											
A5.8.3.1. Team member	*							b	-	-	-
A5.8.3.2. Team panel operator	*							b	-	-	-
A5.8.3.3. Team supervisor		*						-	-	-	-
A5.8.3.4. Drain aircraft fuel tanks								-	-	-	-
A5.8.3.5. Drain wing surge tanks	*							-	-	-	-
A5.8.3.6. Fuel sump drain	*							b	-	-	-
A5.8.4. Ground transfer fuel	*							b	-	-	-
A5.8.5. Remove/install external fuel tank TR: TO 1B-52H-2-5JG-9, 1B-52H-2-JG-10								-	-	-	-
A5.8.6. In-Flight Refueling (IFR) system TR: TO 1B-52H-2-6JG-8, 1B-52H-2-JG-9											

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.8.6.1. Operate IFR doors	*							2b	-	-	-
A5.8.6.2 Remove/install IFR doors	*							-	-	-	-
A5.8.7. Fuel tank verification TR: 1B-52H-2-2JG-2, 1B-52H-5	*							1b	-	-	-
A5.8.8. Boost pump operational checkout TR: 1B-52H-2-5JG-3								-	-	-	-
A5.9. ELECTRICAL SYSTEMS TR: Applicable -2 TOs											
A5.9.1. Electrical components and system operation TR: TO 1B-52H-2-12GA-1								A	-	-	-
A5.9.2. Operate with external power unit TR: TO 1B-52H-2-12JG-6, 1B-52H-2-JG-7											
A5.9.2.1. Lighting system								2b	-	-	-
A5.9.2.2. Indicator warning lights								2b/b	-	-	-
A5.9.3. Remove/install TR: TO 1B-52H-2-12JG-6, 1B-52H-2-JG-7, 1B-52H-2- JG -8											
A5.9.3.1. Light lenses								-	-	-	-
A5.9.3.2. Light bulbs								-	-	-	-
A5.9.3.3. Light assemblies								-	-	-	-
A5.9.3.4. Batteries								2b	-	-	-
A5.9.4. Use wiring diagram TR: TO 1B-52H-2-12JG-4								-	-	-	-
A5.9.5. Connect/apply external electrical power TR: TO 1B-52H-2-2JG-1	*							2b	-	-	-
A5.9.6. Disconnect external electrical power TR: TO 1B-52H-2-2JG-1	*							2b	-	-	-
A5.9.7. Operate engine driven generators TR: TO 1B-52H-2-7JG-1								-	-	-	-

## B-52 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.10.	EGRESS SYSTEM TR: Applicable -2 TOs										
A5.10.1.	Egress components and system operation	*						B	-	-	-
A5.10.2.	Operate seat adjustment	*						2b	-	-	-
A5.10.3.	Remove/install safety pins	*						2b	-	-	-
A5.11.	DRAG CHUTE SYSTEM TR: Applicable -2 TOs										
A5.11.1.	Drag chute system components and system operation TR: TO 1B-52H-2-2GA-1							B	-	-	-
A5.11.2.	Perform operational check	*						-	-	-	-
A5.11.3.	Adjust drag chute system							-	-	-	-
A5.11.4.	Remove/install drag chute assembly	*						2b	-	-	-
A5.11.5.	Troubleshoot							-	-	-	-
A5.11.6.	Remove/install components							-	-	-	-
A5.11.7.	Remove/install door							-	-	-	-
A5.11.8.	Remove/install drag chute container							-	-	-	-

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# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: This attachment is be used in conjunction with Attachment 2.											
A6.1. AIRCRAFT GENERAL											
A6.1.1. Safety precautions pertaining to:											
A6.1.1.1. Aircraft containing ammunition or explosives TR: TO 11A-1-33, TO 1C-130H-2-00GE-00-1								B	-	-	-
A6.1.1.2. Pressurized aircraft TR: TO 1C-130H-2-21JG-30-1	*							-	-	-	-
A6.1.2. Use standard and technical publications TR: AFI 21-101, 37-160, Vol 1, TO 00-5-1, 00-5-2, applicable aircraft TOs	*							3c	-	-	-
A6.1.3. Maintain aircraft AFTO 781 series forms/supporting records TR: TO 00-20-2, 00-20-5	*							3c	-	-	-
A6.1.4. Inspections											
A6.1.4.1. Isochronal concept TR: TO 00-20-5								B	-	-	-
A6.1.4.2. Inspection principles TR: TO 1C-130A-6								B	-	-	-
A6.1.4.3. Perform inspections											
A6.1.4.3.1. Preflight (PR) TR: TO 1C-130A-6WC-10	*							3c	-	-	-
A6.1.4.3.2. Thruflight (TH) TR: TO 1C-130A-6WC-11	*							3c	-	-	-
A6.1.4.3.3. Basic Postflight (BPO) TR: TO 1C-130A-6WC-12	*							3c	-	-	-
A6.1.4.3.4. Preflight/postflight combined inspection (PR/BPO) TR: TO 1C-130A-6WC-13								-	-	-	-
A6.1.4.3.5. Home Station Check (HSC) TR: TO 1C-130A-6WC-14								-	-	-	-
A6.1.4.3.6. Minor TR: TO 1C-130A-6WC-15								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)		
1. Tasks, Knowledge And Technical References				A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A6.1.4.3.7.	Major TR: TO 1C-130A-6WC-15								-	-	-
A6.1.4.3.8.	Acceptance TR: AFI 21-101								-	-	-
A6.1.4.3.9.	Special TR: TO 1C-130A-6								-	-	-
A6.1.4.3.10.	Time Change Item (TCI) TR: TO 00-20-9								-	-	-
A6.1.5.	Communications equipment										
A6.1.5.1.	Operate AN/ARC-164 UHF communications system TR: TO 1C-130H-2-23JG-20-1								3c	-	-
A6.1.5.2.	Operate AN/ARC-186 VHF (SCNS) communications system TR: TO 1C-130H-2-23JG-20-1								-	-	-
A6.1.5.3.	Operate AN/AIC-18A-25 intercommunication system TR: TO 1C-130H-2-23JG-40-1								3c	-	-
A6.1.6.	Ground handling										
A6.1.6.1.	Marshall aircraft TR: AFI 11-218	*							3c	-	-
A6.1.6.2.	Launch aircraft TR: applicable -1 Flight Manual	*							-	-	-
A6.1.6.3.	Park aircraft TR: TO 1C-130H-2-10JG-00-1, TO 1C-130H-2-00GE-00-1	*							3c	-	-
A6.1.6.4.	Moor aircraft TR: TO 1C-130H-2-10JG-00-1, TO 1C-130H-2-00GE-00-1								3c	-	-
A6.1.6.5.	Deice aircraft TR: TO 1C-130H-2-00GE-00-1								-	-	-
A6.1.6.6.	Perform concurrent servicing TR: TO 1C-130H-2-10JG-00-1										
A6.1.6.7.	Tow aircraft TR: TO 1C-130H-2-09JG-10-1										
A6.1.6.7.1.	Perform tow team member positions										

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.1.6.7.1.1. Flight station (Brake operator)	*							3c	-	-	-
A6.1.6.7.1.2. Cargo compartment (Hand pump operator)								3c	-	-	-
A6.1.6.7.1.3. Wing								3c	-	-	-
A6.1.6.7.1.4. Tail								3c	-	-	-
A6.1.6.7.1.5. Tow vehicle (operator)								-	-	-	-
A6.1.6.7.1.6. Tow team supervisor	*							-	-	-	-
A6.1.6.8. Jacking TR: AFOSH Std 127-100, TO 1C-130H-2-07JG-00-1, TO 1C-130H-2-00GE-00-1											
A6.1.6.8.1. Jack complete airplane using wing and fuselage jacks											
A6.1.6.8.1.1. Jacking team member	*R							2b	-	-	-
A6.1.6.8.1.2. Jacking team supervisor	*R							-	-	-	-
A6.1.6.8.2. Jack nose of aircraft using fuselage jack								-	-	-	-
A6.1.6.8.3. Axle jack nose landing gear	*							3c	-	-	-
A6.1.6.8.4. Axle jack main landing gear	*							3c	-	-	-
A6.1.6.9. Shore aircraft TR: TO 1C-130H-2-00GE-00-1								-	-	-	-
A6.1.7. Remove, install and inspect aircraft -21 equipment TR: TO 1C-130A-21, applicable aircraft TOs								-	-	-	-
A6.1.8. Cargo handling equipment											
A6.1.8.1. Perform operational checkout											
A6.1.8.1.1. Cargo restraint rails TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
A6.1.8.1.2. Cargo detent locks TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
A6.1.8.1.3. Cargo winch TR: TO 1C-130H-2-25JG-00-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)		
1. Tasks, Knowledge And Technical References				A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A6.1.8.1.4.	Static line retriever system TR: TO 1C-130H-2-25JG-00-1								-	-	-
A6.1.8.2.	Remove and install										
A6.1.8.2.1.	Cargo restraint rails TR: TO 1C-130H-2-25JG-00-1								-	-	-
A6.1.8.2.2.	Cargo restraint rails, sections 5B & 6B for paratroop drops TR: TO 1C-130-H-2-25JG-00-1								-	-	-
A6.1.8.2.3.	Cargo conveyer rollers TR: TO 13C10-4-1								-	-	-
A6.1.8.2.4.	Cargo detent locks TR: TO 13C10-4-1								-	-	-
A6.1.8.2.5.	Static line retriever winch TR: TO 1C-130H-2-25JG-00-1								-	-	-
A6.1.8.2.6.	Cargo winch TR: TO 1C-130H-2-25JG-00-1								-	-	-
A6.1.8.3.	Inspect/repair										
A6.1.8.3.1.	Cargo restraint rails TR: TO 13C10-4-1								-	-	-
A6.1.8.3.2.	Cargo conveyer rollers TR: TO 13C10-4-1								-	-	-
A6.1.8.3.3.	Detent locks TR: TO 13C10-4-1, 16L1-10-2-3								-	-	-
A6.1.8.3.4.	Cargo winch TR: TO 35D4-2-30-1								-	-	-
A6.1.8.4.	Service cargo winch TR: TO 1C-130H-2-25JG-00-1								-	-	-
A6.1.9.	Configure aircraft TR: AFI 11-2C-130										
A6.1.9.1.	For rolling stock								-	-	-
A6.1.9.2.	For palletized cargo								-	-	-
A6.1.9.3.	For passenger seats								-	-	-
A6.1.9.4.	For paratroop drop								-	-	-
A6.1.9.5.	For aerial delivery system (ADS)								-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A6.1.9.6. For container delivery system (CDS)								-	-	-	-
A6.1.9.7. For distinguished visitor (DV)								-	-	-	-
A6.1.10. Perform aircraft wash TR: TO 1C-130A-23								-	-	-	-
A6.1.11. Lubricate aircraft											
A6.1.11.1. Perform after-wash lubrication TR: TO 1C-130H-2-12JG-20-1								-	-	-	-
A6.1.11.2. Perform 15 day flap track lubrication TR: TO 1C-130A-6, TO 1C-130H-2-12JG-20-1								3c	-	-	-
A6.2. AIRFRAME SYSTEMS											
A6.2.1. Airframe components and structure TR: TO 1C-130H-2-00GE-00-1								B	-	-	-
A6.2.2. Door system principles of operation TR: TO 1C-130H-2-52GS-00-1 1C-130H-2-00GE-00-1											
A6.2.2.1. Crew door								B	-	-	-
A6.2.2.2. Aft cargo door and ramp								B	-	-	-
A6.2.2.3. Paratroop door								B	-	-	-
A6.2.3. Operate											
A6.2.3.1. Aft cargo door using auxiliary hydraulic system electrically driven pump TR: TO 1C-130H-2-52JG-00-1								2b	-	-	-
A6.2.3.2. Cargo ramp using auxiliary hydraulic system electrically driven pump TR: TO 1C-130H-2-52JG-00-1								2b	-	-	-
A6.2.3.3. Aft cargo door using auxiliary hydraulic system hand pump TR: TO 1C-130H-2-52JG-00-1								2b	-	-	-
A6.2.3.4. Cargo ramp using auxiliary hydraulic system hand pump TR: TO 1C-130H-2-52JG-00-1								2b	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.2.3.5. Paratroop doors TR: TO 1C-130H-2-52JG-10-2								2b	-	-	-
A6.2.3.6. Crew door TR: TO 1C-130H-2-52JG-10-1								2b	-	-	-
A6.2.4. Remove and install											
A6.2.4.1. Nacelle access doors TR: TO 1C-130H-2-00GE-00-1								2b	-	-	-
A6.2.4.2. Access panels TR: TO 1C-130H-2-00GE-00-1								2b	-	-	-
A6.2.4.3. Structural panels TR: TO 1C-130H-3								-	-	-	-
A6.2.4.4. Crew member seats TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
A6.2.4.5. NESA windshields/windows TR: TO 1C-130H-2-56JG-00-1								-	-	-	-
A6.2.4.6. Non-NESA windows TR: TO 1C-130H-2-56JG-00-1								-	-	-	-
A6.2.4.7. Wing life raft TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
A6.2.4.8. Wing life raft stowage compartment liner TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
A6.2.4.9. Door and ramp pressure seals TR: TO 1C-130H-2-52JG-00-1								-	-	-	-
A6.2.4.10. Crew door TR: TO 1C-130H-2-52JG-10-1								-	-	-	-
A6.2.4.11. Radome TR: TO 1C-130H-2-05JG-00-1								-	-	-	-
A6.2.4.12. Leading edges TR: TO 1C-130H-2-51JG-00-1								b	-	-	-
A6.2.4.13. Paratroop door TR: TO 1C-130H-2-52JG-10-2								-	-	-	-
A6.2.4.14. Aft cargo door TR: TO 1C-130H-2-52JG-30-1								-	-	-	-
A6.2.4.15. Cargo ramp TR: TO 1C-130H-2-52JG-30-2								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A6.2.4.16.	Side emergency exit doors TR: TO 1C-130H-2-52JG-20-1							3c	-	-	-
A6.2.4.17.	Forward and aft top emergency exit doors TR: TO 1C-130H-2-52JG-20-1							3c	-	-	-
A6.2.4.18.	Center top emergency exit hatch TR: TO 1C-130H-2-52JG-20-1							-	-	-	-
A6.2.4.19.	Static line retriever TR: TO 1C-130H-2-25JG-00-1							-	-	-	-
A6.2.4.20.	Bomb rack TR: TO 1C-130H-2-25JG-00-1							-	-	-	-
A6.2.4.21.	Negator spring and counterbalance mechanism TR: TO 1C-130H-2-52JG-10-2							-	-	-	-
A6.2.4.22.	V-band coupling TR: TO 1C-130H-2-30JG-00-1-1							-	-	-	-
A6.2.5.	Rig										
A6.2.5.1.	Paratroop door TR: TO 1C-130H-2-52JG-10-2							-	-	-	-
A6.2.5.2.	Crew door TR: TO 1C-130H-2-52JG-10-1							-	-	-	-
A6.2.5.3.	Cargo ramp TR: TO 1C-130H-2-52JG-30-2							-	-	-	-
A6.2.5.4.	Aft cargo door system TR: TO 1C-130H-2-52JG-30-1							-	-	-	-
A6.2.6.	Check crew door lower torque tube for allowable rotation TR: TO 1C-130H-2-52JG-10-1							-	-	-	-
A6.2.7.	Troubleshoot ramp system TR: TO 1C-130H-2-52FI-00-1							-	-	-	-
A6.2.8.	Troubleshoot aft cargo door system TR: TO 1C-130H-52FI-00-1							-	-	-	-
A6.2.9.	Open and close										
A6.2.9.1.	Nacelle access doors TR: TO 1C-130H-2-00GE-00-1							-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.2.9.2. Nose radome TR: TO 1C-130H-2-05JG-00-1								2b	-	-	-
A6.2.10. Inspect/service crew/passenger comfort facilities TR: TO 1C-130H-2-25JG-00-1								-	-	-	-
<b>A6.3. LANDING GEAR SYSTEMS</b>											
A6.3.1. Components and system operation TR: TO 1C-130H-2-32GS-00-1								B	-	-	-
A6.3.2. Perform operational check											
A6.3.2.1. Landing gear retraction/extension TR: TO 1C-130H-2-32JG-10-1											
A6.3.2.1.1. Team member								-	-	-	-
A6.3.2.1.2. Supervisor								-	-	-	-
A6.3.2.2. Brakes TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
A6.3.2.3. Steering system TR: TO 1C-130H-2-32JG-50-1								-	-	-	-
A6.3.2.4. Anti skid TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
<b>A6.3.3. Service</b>											
A6.3.3.1. Tires TR: TO 1C-130H-2-12JG-10-2, TO 1C-130H-2-00GE-00-1	*							3c	-	-	-
A6.3.3.2. Shock strut (alternate method) TR: TO 1C-130H-2-12JG-10-2	*							3c	-	-	-
A6.3.3.3. Shock strut (preferred method) TR: TO 1C-130H-2-12JG-10-2								-	-	-	-
A6.3.4. Determine serviceability of tires TR: TO 4T-1-3, TO 1C-130H-2-00GE-00-1								2b	-	-	-
<b>A6.3.5. Remove and install</b>											
A6.3.5.1. Nose landing gear (NLG) wheel and tire assembly TR: TO 1C-130H-2-32JG-20-1	*							3c	-	-	-
A6.3.5.2. Main landing gear (MLG) wheel and tire assembly TR: TO 1C-130H-2-32JG-40-1	*							3c	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.3.5.3. Brake assembly TR: TO 1C-130H-2-32JG-40-1								1b	-	-	-
A6.3.5.4. NLG forward and aft doors TR: TO 1C-130H-2-32JG-20-1								-	-	-	-
A6.3.5.5. NLG strut TR: TO 1C-130H-2-32JG-20-1								-	-	-	-
A6.3.5.6. NLG steering control valve TR: TO 1C-130H-2-32JG-50-1								-	-	-	-
A6.3.5.7. MLG ball screw TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.8. MLG track shoes TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.9. MLG drag pin TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.10. MLG ballscrew trunnion assembly TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.11. MLG friction washer, cap, nut and spacer TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.12. MLG torque strut TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.13. MLG shock strut assembly TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.14. MLG hydraulic motor TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.15. MLG manual gear box assembly TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.5.16. MLG inboard and outboard doors TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.6. Brakes											
A6.3.6.1. Bleed brake system TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
A6.3.6.2. Remove and install MLG parking brake cable TR: TO 1C-130H-2-32JG-40-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.3.6.3. Remove and install parking brake crossover cables TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
A6.3.6.4. Perform operational check of MLG normal brake system TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
A6.3.6.5. Perform operational check of MLG emergency brake system TR: TO 1C-130H-2-32JG-40-1								-	-	-	-
A6.3.7. Adjust/Rig											
A6.3.7.1. NLG steering valve TR: TO 1C-130H-2-32JG-50-1								-	-	-	-
A6.3.7.2. NLG forward and aft doors TR: TO 1C-130H-2-32JG-20-1								-	-	-	-
A6.3.7.3. MLG inboard and outboard doors TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.7.4. MLG shoes TR: TO 1C-130H-2-32JG-10-1								-	-	-	-
A6.3.8. Troubleshoot landing gear system TR: TO 1C-130H-2-32FI-00-1-1, TO 1C-130H-2-32FI-00-1-2								-	-	-	-
A6.3.9. Inspect landing gear system TR: TO 1C-130A-6	*							-	-	-	-
A6.4. UTILITY SYSTEMS											
A6.4.1. Components and system operation											
A6.4.1.1. Bleed air TR: TO 1C-130H-2-21GS-00-1								B	-	-	-
A6.4.1.2. Wing overheat warning system TR: TO 1C-130H-2-30GS-00-1								B	-	-	-
A6.4.1.3. Air conditioning TR: TO 1C-130H-2-21GS-00-1								B	-	-	-
A6.4.1.4. Pressurization TR: TO 1C-130H-2-21GS-00-1								-	-	-	-
A6.4.1.5. Anti-ice/de-ice TR: TO 1C-130H-2-30GS-00-1								B	-	-	-
A6.4.1.6. Windshield wiper TR: TO 1C-130H-2-30GS-00-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.4.1.7. Fire/overheat detection/warning TR: TO 1C-130H-2-26GS-00-1								B	-	-	-
A6.4.1.8. Fire extinguishing TR: TO 1C-130H-2-26GS-00-1								B	-	-	-
A6.4.1.9. Oxygen TR: TO 1C-130H-2-35GS-00-1								B	-	-	-
A6.4.1.10. Air turbine motor (ATM) TR: TO 1C-130E-2-49GS-00-1-1								B	-	-	-
<b>A6.4.2. Operate systems</b>											
A6.4.2.1. Bleed air TR: TO 1C-130H-2-21JG-10-1								3c	-	-	-
A6.4.2.2. Air conditioning TR: TO 1C-130H-2-21JG-00-1								-	-	-	-
A6.4.2.3. Pressurization TR: TO 1C-130H-2-21JG-30-1								-	-	-	-
A6.4.2.4. Anti-ice/de-ice TR: TO 1C-130H-2-30JG-00-1								-	-	-	-
A6.4.2.5. Windshield wiper TR: TO 1C-130H-2-30JG-00-1	*							-	-	-	-
A6.4.2.6. Fire/overheat warning TR: TO 1C-130H-2-26JG-10-1								3c	-	-	-
A6.4.2.7. Fire extinguishing TR: TO 1C-130H-2-26GS 00-1								-	-	-	-
A6.4.2.8. Oxygen TR: TO 1C-130H-2-35JG-00-1								-	-	-	-
A6.4.2.9. ATM TR: TO 1C-130E-2-49JG-00-1-1								2b	-	-	-
A6.4.2.10. Auxiliary power unit (APU) Generator TR: TO 1C-130H-2-24JG-20-1								b	-	-	-
<b>A6.4.3. Remove and install</b>											
A6.4.3.1. Windshield wiper motor TR: TO 1C-130H-2-30JG-00-1-1								-	-	-	-
A6.4.3.2. Windshield wiper converter TR: TO 1C-130H-2-30JG-00-1-1								-	-	-	-
A6.4.3.3. Windshield wiper flexdrive cable TR: TO 1C-130H-2-30JG-00-1-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.4.3.4. Windshield wiper arm assemblies TR: TO 1C-130H-2-30JG-00-1-1								-	-	-	-
A6.4.3.5. Windshield wiper blades TR: TO 1C-130H-2-30JG-00-1-1								-	-	-	-
<b>A6.4.4. Inspect systems</b>											
A6.4.4.1. Bleed air TR: TO 1C-130H-2-21JG-10-1, TO 1C-130H-2-30JG-00-1-1								-	-	-	-
A6.4.4.2. Air conditioning TR: TO 1C-130H-2-21JG-00-1								-	-	-	-
A6.4.4.3. Pressurization TR: TO 1C-130H-2-21JG-30-1								-	-	-	-
A6.4.4.4. Anti-ice/de-ice TR: TO 1C-130H-2-30JG-00-1								-	-	-	-
A6.4.4.5. Windshield wiper TR: TO 1C-130H-2-30JG-00-1								-	-	-	-
A6.4.4.6. Fire/overheat warning TR: TO 1C-130H-2-26JG-10-1								-	-	-	-
A6.4.4.7. Fire extinguishing TR: TO 1C-130H-2-26JG-10-1								-	-	-	-
A6.4.4.8. Oxygen TR: TO 1C-130H-2-35JG-00-1								-	-	-	-
A6.4.4.9. ATM TR: TO 1C-130H-2-49JG-00-1-1	*							-	-	-	-
A6.4.5. Service oxygen system TR: TO 1C-130H-2-12JG-10-2	*							3c	-	-	-
A6.4.6. Troubleshoot windshield wiper system TR: TO 1C-130H-2-30FL-00-1								-	-	-	-
A6.4.7. Detect aircraft pressure leaks TR: TO 1C-130H-2-21JG-30-1								-	-	-	-
<b>A6.5. FLIGHT CONTROL SYSTEMS</b>											
<b>A6.5.1. Aileron system</b>											
A6.5.1.1. Components and system operation TR: TO 1C-130H-2-27GS-00-1								B	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)		
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	(1) CDC	(2) CDC
A6.5.1.2. Operate system TR: TO 1C-130H-2-27JG-00-1								2b	-	-
A6.5.1.3. Remove and install										
A6.5.1.3.1. Aileron TR: TO 1C-130H-2-27JG-10-1								-	-	-
A6.5.1.3.2. Aileron push rod TR: TO 1C-130H-2-27JG-10-1								-	-	-
A6.5.1.3.3. Aileron booster assembly TR: TO 1C-130H-2-27JG-10-1								-	-	-
A6.5.1.3.4. Aileron trim tab TR: TO 1C-130H-2-27JG-10-2	*							-	-	-
A6.5.1.3.5. Aileron trim tab actuator TR: TO 1C-130H-2-27JG-10-2								-	-	-
A6.5.1.4. Inspect aileron system TR: TO 1C-130A-6								-	-	-
A6.5.1.5. Rig and adjust aileron system TR: TO 1C-130H-2-27JG-10-1								-	-	-
A6.5.1.6. Rig and adjust aileron trim system TR: TO 1C-130H-2-27JG-10-2								-	-	-
A6.5.1.7. Troubleshoot aileron system TR: TO 1C-130H-2-27FI-00-1								-	-	-
A6.5.2. Rudder system										
A6.5.2.1. Components and system operation TR: TO 1C-130H-2-27GS-00-1								B	-	-
A6.5.2.2. Operate system TR: TO 1C-130H-2-27JG-00-1								2b	-	-
A6.5.2.3. Remove and install										
A6.5.2.3.1. Rudder TR: TO 1C-130H-2-27JG-20-1								-	-	-
A6.5.2.3.2. Rudder push rod TR: TO 1C-130H-2-27JG-20-1								-	-	-
A6.5.2.3.3. Rudder trim tab TR: TO 1C-130H-2-27JG-20-2								-	-	-
A6.5.2.3.4. Rudder trim tab actuator TR: TO 1C-130H-2-27JG-20-2								-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.5.2.3.5. Rudder booster assembly TR: TO 1C-130H-2-27JG-20-1	*							-	-	-	-
A6.5.2.4. Inspect rudder system TR: TO 1C-130A-6	*							-	-	-	-
A6.5.2.5. Rig and adjust rudder system TR: TO 1C-130H-2-27JG-20-1								-	-	-	-
A6.5.2.6. Rig and adjust rudder trim system TR: TO 1C-130H-2-27JG-20-2								-	-	-	-
A6.5.2.7. Troubleshoot rudder system TR: TO 1C-130H-2-27FI-00-1								-	-	-	-
A6.5.3. Elevator system											
A6.5.3.1. Components and system operation TR: TO 1C-130H-2-27GS-00-1								B	-	-	-
A6.5.3.2. Operate system TR: TO 1C-130H-2-27JG-00-1								2b	-	-	-
A6.5.3.3. Remove and install											
A6.5.3.3.1. Elevator TR: TO 1C-130H-2-27JG-30-1								-	-	-	-
A6.5.3.3.2. Elevator push rod TR: TO 1C-130H-2-27JG-30-1								-	-	-	-
A6.5.3.3.3. Elevator booster assembly TR: TO 1C-130H-2-27JG-30-1								-	-	-	-
A6.5.3.3.4. Elevator trim tab TR: TO 1C-130H-2-27JG-30-2								-	-	-	-
A6.5.3.3.5. Elevator trim tab actuator TR: TO 1C-130H-2-27JG-30-2								-	-	-	-
A6.5.3.3.6. Elevator trim tab flexible driveshaft TR: TO 1C-130H-2-27JG-30-2								-	-	-	-
A6.5.3.4. Inspect elevator system TR: TO 1C-H-2-27JG-30-1	*							-	-	-	-
A6.5.3.5. Rig and adjust elevator system TR: TO 1C-130H-2-27JG-30-2								-	-	-	-
A6.5.3.6. Rig and adjust elevator trim system TR: TO 1C-130H-2-27JG-30-2								-	-	-	-
A6.5.3.7. Troubleshoot elevator system TR: TO 1C-130H-2-27FI-00-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.5.4. Flap system								B	-	-	-
A6.5.4.1. Components and system operation TR: TO 1C-130H-2-27GS-00-1								2b	-	-	-
A6.5.4.2. Operate system TR: TO 1C-130H-2-27JG-00-1											
A6.5.4.3. Remove and install											
A6.5.4.3.1. Flap TR: TO 1C-130H-2-27JG-50-1-1, TO 1C-130H-2-27JG-50-1-2								-	-	-	-
A6.5.4.3.2. Flap torque shafts and bearings TR: TO 1C-130H-2-27JG-50-1-1, TO 1C-130H-2-27JG-50-1-2								-	-	-	-
A6.5.4.3.3. Flap actuator assembly TR: TO 1C-130H-2-27JG-50-1-1, TO 1C-130H-2-27JG-50-1-2								-	-	-	-
A6.5.4.3.4. Flap manual drive cable TR: 1C-130H-2-27JG-50-1								-	-	-	-
A6.5.4.4. Inspect flap system TR: TO 1C-130A-6	*							-	-	-	-
A6.5.4.5. Rig and adjust flap system TR: TO 1C-130H-2-27JG-50-1-1, TO 1C-130H-2-27JG-50-1-2								-	-	-	-
A6.5.4.6. Troubleshoot flap system TR: TO 1C-130H-2-27FI-00-1								-	-	-	-
A6.6. HYDRAULIC SYSTEMS											
A6.6.1. Components and system operation TR: TO 1C-130H-2-29GS-00-1-1								B	-	-	-
A6.6.2. Schematics TR: TO 1C-130H-2-29GS-00-1-1								A	-	-	-
A6.6.3. Service											
A6.6.3.1. Hydraulic reservoirs TR: TO 1C-130H-2-12JG-10-2	*							2b	-	-	-
A6.6.3.2. Hydraulic accumulators TR: TO 1C-130H-2-12JG-10-2	*							2b	-	-	-
A6.6.3.3. Operate auxiliary hydraulic system TR: TO 1C-130H-2-29JG-00-1-2								2b	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	(1) CDC	(2) CDC
A6.6.4.	Troubleshoot system TR: TO 1C-130H-2-29FI-00-1								-	-	-
A6.6.5.	Remove and install										
A6.6.5.1.	Pressure switches TR: TO 1C-130H-2-29JG-1-2								-	-	-
A6.6.5.2.	Pressure transmitters TR: TO 1C-130H-2-29JG-00-1-2								-	-	-
A6.6.5.3.	Engine driven hydraulic pump TR: TO 1C-130H-2-29JG-00-1-1								-	-	-
A6.6.5.4.	Auxiliary hydraulic pump TR: TO 1C-130H-2-29JG-00-1-2								-	-	-
A6.6.5.5.	Booster or utility system accumulator TR: TO 1C-130H-29JG-00-1-1								-	-	-
A6.6.5.6.	Auxiliary system accumulator TR: TO 1C-130H-29JG-00-1-2								-	-	-
A6.6.5.7.	Ground test valve TR: TO 1C-130H-2-29JG-00-1-2								-	-	-
A6.6.6.	Rig ground test valve cable TR: TO 1C-130H-2-29JG-00-1-2								-	-	-
A6.6.7.	Connect/disconnect hydraulic test stand TR: TO 1C-130H-2-05JG-00-1								-	-	-
A6.7.	POWER PLANT SYSTEMS										
A6.7.1.	Power plant components and system operation TR: TO 1C-130H-2-70GS-00-1								B	-	-
A6.7.2.	Auxiliary power unit (APU) components and system operation TR: TO 1C-130H-2-49GS-00-1								B	-	-
A6.7.3.	Gas turbine compressor (GTC) components and system operation TR: TO 1C-130E-2-49GS-00-1								B	-	-
A6.7.4.	Operate										
A6.7.4.1.	Power plant TR: TO 1C-130H-2-71JG-00-1								-	-	-
A6.7.4.2.	APU TR: TO 1C-130H-2-49JG-00-1-1	*R							b	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.7.4.3. GTC TR: TO 1C-130E-2-49JG-00-1-1	*R							3c	-	-	-
A6.7.5. Service											
A6.7.5.1. Engine oil system TR: TO 1C-130H-2-12JG-10-2	*							2b	-	-	-
A6.7.5.2. APU oil tank TR: TO 1C-130H-2-12JG-10-2								b	-	-	-
A6.7.5.3. GTC oil tank TR: TO 1C-130H-2-12JG-10-2								3c	-	-	-
A6.7.5.4. Engine starter TR: TO 1C-130H-2-12JG-10-2								2b	-	-	-
A6.7.6. Remove and install power plant components											
A6.7.6.1. Starter TR: TO 1C-130H-2-80JG-00-1								-	-	-	-
A6.7.6.2. Starter control valve TR: TO 1C-130H-2-80JG-00-1								-	-	-	-
A6.7.6.3. Fuel and oil filters TR: TO 1C-130H-2-80JG-00-1								-	-	-	-
A6.7.6.4. Tailpipe TR: TO 1C-130H-2-71JG-00-2								-	-	-	-
A6.7.6.5. Tachometer generator TR: TO 1C-130H-2-77JG-00-1								-	-	-	-
A6.7.6.6. Throttle and condition lever components TR: TO 1C-130H-2-76JG-00-1								-	-	-	-
A6.7.6.7. Ignition relay TR: TO 1C-130H-2-80JG-00-1								-	-	-	-
A6.7.6.8. Speed switch TR: TO 1C-130H-2-80JG-00-1								-	-	-	-
A6.7.6.9. Oil cooler TR: TO 1C-130H-2-79JG-00-1								-	-	-	-
A6.7.6.10. Oil cooler flap actuator TR: TO 1C-130H-2-79JG-00-1								-	-	-	-
A6.7.6.11. Inlet anti-ice valve TR: TO 1C-130H-2-75JG-00-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.7.6.12. Fuel heater strainer TR: TO 1C-130H-2-73JG-00-1								-	-	-	-
A6.7.6.13. External scavenge oil filter element TR: TO 1C-130H-2-79JG-20-1								-	-	-	-
A6.7.6.14. Generator and disconnect assembly TR: TO 1C-130H-2-24JG-20-1								-	-	-	-
A6.7.6.15 Bleed air shutoff valve TR: TO 1C-130H-2-21JG-10-1								-	-	-	-
A6.7.7. Remove and install APU components											
A6.7.7.1. Generator TR: TO 1C-130H-2-24JG-20-1								-	-	-	-
A6.7.7.2. Speed switch TR: TO 1C-130H-2-49JG-00-1-1								-	-	-	-
A6.7.7.3. APU TR: TO 1C-130H-2-49JG-00-1-1								-	-	-	-
A6.7.8. Remove and install GTC TR: TO 1C-130E-2-49JG-00-1-1								-	-	-	-
A6.7.9. Engine removal and installation TR: TO 1C-130H-2-71JG-00-2											
A6.7.9.1. Perform engine removal preparation								-	-	-	-
A6.7.9.2. Perform engine installation preparation inspection								-	-	-	-
A6.7.10. Adjust/rig engine throttle and condition lever cables TR: TO 1C-130H-2-76JG-00-1								-	-	-	-
A6.7.11. Troubleshoot engine system TR: TO 1C-130H-2-70FI-00-1-2								-	-	-	-
A6.8. PROPELLERS											
A6.8.1. Components and system operation TR: TO 1C-130H-2-61GS-00-1								B	-	-	-
A6.8.2. Service propeller through atmospheric sump TR: TO 1C-130H-2-12JG-10-2	*							3c	-	-	-
A6.8.3. Remove/install propeller assembly TR: TO 1C-130H-2-61JG-10-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.8.4. Remove/install propeller brush block assembly TR: TO 1C-130H-2-61JG-10-1								-	-	-	-
A6.8.5. Remove/install propeller after body TR: TO 1C-130H-2-61JG-10-1								-	-	-	-
A6.8.6. Remove/install synchrophaser TR: TO 1C-130H-2-61JG-20-1								-	-	-	-
A6.8.7. Troubleshoot propeller system TR: TO 1C-130H-2-61FI-00-1								-	-	-	-
<b>A6.9. FUEL SYSTEM</b>											
A6.9.1. Components and system operation TR: TO 1C-130H-2-28GS-00-1								B	-	-	-
A6.9.2. Service											
A6.9.2.1. Refuel											
A6.9.2.1.1. Single point refueling (SPR) panel operator TR: TO 1C-130H-2-12JG-10-1	*							3c	-	-	-
A6.9.2.1.2. Supervisor TR: TO 1C-130H-2-12JG-10-1		*						-	-	-	-
A6.9.2.1.3. Concurrent servicing supervisor TR: TO 1C-130H-2-12JG-10-1, TO 00-25-172								-	-	-	-
A6.9.2.2. Defuel											
A6.9.2.2.1. SPR panel operator TR: TO 1C-130H-2-12JG-10-1	*							b	-	-	-
A6.9.2.2.2. Flight station panel operator TR: TO 1C-130H-2-12JG-10-1	*							b	-	-	-
A6.9.2.2.3. Supervisor TR: TO 1C-130H-2-12JG-10-1		*						-	-	-	-
A6.9.2.3. Perform ground transfer TR: TO 1C-130H-2-12JG-10-1	*							3c	-	-	-
A6.9.2.4. Drain residual fuel from tanks TR: TO 1C-130H-2-28JG-00-1								-	-	-	-
A6.9.3. In-Flight Refueling (IFR) system											
A6.9.3.1. Components and system operation TR: TO 1C-130H-2-28GS-00-1								-	-	-	-

# C-130 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.9.3.2. Inspect system TR: TO 1C-130A-6								-	-	-	-
A6.9.3.3. Remove and install TR: TO 1C-130H-2-28JG-20-2											
A6.9.3.3.1. Reel								-	-	-	-
A6.9.3.3.2. Hose								-	-	-	-
A6.9.3.3.3. Paradrouge								-	-	-	-
A6.9.3.4. Perform operational check								-	-	-	-
A6.9.4. Troubleshoot fuel system TR: TO 1C-130H-2-28FI-00-1-1, TO 1C-130H-2-28FI-00-1-2, TO 1C-130H-2-28FI-00-1-2-1, TO 1C-130H-2-28FI-00-1-3, TO 1C-130H-2-28FI-00-1-4								-	-	-	-
A6.10. ELECTRICAL SYSTEM											
A6.10.1. Components and system operation TR: TO 1C-130H-2-24GS-00-1	*							B	-	-	-
A6.10.2. Connect and disconnect external electrical power TR: TO 1C-130H-2-05JG-00-1	*							3c	-	-	-
A6.10.3. Perform operational check											
A6.10.3.1. Electrical power supply system TR: TO 1C-130H-2-24JG-20-1								-	-	-	-
A6.10.3.2. Lighting system TR: TO 1C-130H-2-33JG-00-1								2b	-	-	-
A6.10.4. Remove and install											
A6.10.4.1. Light assemblies and components TR: TO 1C-130H-2-33JG-00-1								-	-	-	-
A6.10.4.2. Airplane and SCNS batteries TR: TO 1C-130H-2-24JG-30-1								2b	-	-	-
A6.10.5. Use wiring diagrams TR: TO 1C-130H-2-24GS-00-1								-	-	-	-
A6.10.6. Troubleshoot system TR: TO 1C-130H-2-24FI-00-1-1 , TR: TO 1C-130H-2-24FI-00-1-2 TR: TO 1C-130H-2-24FI-00-2								-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE 1: This attachment is to be used in conjunction with Attachment 2.												
NOTE 2: This attachment is to be used as an alternative to Attachment 6.												
A6a.1.	AIRCRAFT GENERAL TR: 1C-130J-2-CD-1											
A6a.1.1.	Safety precautions pertaining to aircraft containing ammunition/explosives TR: AFI 91-100								-	-	-	-
A6a.1.2.	Using standard and technical publications TR: AFI 37-160 Vol. I								-	-	-	-
A6a.1.3.	Maintain AFTO 781 series forms TR: TO 00-20-5								-	-	-	-
A6a.1.4.	Aircraft inspections											
A6a.1.4.1.	Isochronal inspection concept TR: TO 00-20-5								-	-	-	-
A6a.1.4.2.	Aircraft inspection principles TR: TO 1C-130J-6								-	-	-	-
A6a.1.4.3.	Perform inspections TR: TO 00-20-5											
A6a.1.4.3.1.	Preflight TR: TO 1C-130J-6WC-10	*							-	-	-	-
A6a.1.4.3.2.	Thruflight TR: TO 1C-130J-6WC-11	*							-	-	-	-
A6a.1.4.3.3.	Basic postflight TR: TO 1C-130J-6WC-12	*							-	-	-	-
A6a.1.4.3.4.	Combined preflight/basic postflight TR: TO 1C-130J-6WC-13								-	-	-	-
A6a.1.4.3.5.	Home station check TR: TO 1C-130J-6WC-14								-	-	-	-
A6a.1.4.3.6.	Minor								-	-	-	-
A6a.1.4.3.7.	Major								-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.1.4.3.8.	Acceptance							-	-	-	-
A6a.1.4.3.9.	Special							-	-	-	-
A6a.1.4.3.10.	Time Change Item (TCI)							-	-	-	-
A6a.1.5.	System integration and display components and operation TR: TO 1C-130J-2-46GS-00-1										
A6a.1.5.1.	Mission Computer (MC) 1 & 2							-	-	-	-
A6a.1.5.2.	Bus Interface Unit (BIU)							-	-	-	-
A6a.1.5.3.	Bus Adapter Unit (BAU) TYPE I & II							-	-	-	-
A6a.1.5.4.	Communication/navigation/electronic circuit breaker control panel (CNBP)							-	-	-	-
A6a.1.5.5.	Avionic Management Unit (AMU)							-	-	-	-
A6a.1.5.6.	Head Down Display (HDD)							-	-	-	-
A6a.1.5.7.	Head Up Display (HUD)							-	-	-	-
A6a.1.6.	Communication/navigation/identification (COMM/NAV/ID) management system (CNI-MS) TR: TO1C-130J-2-48GS-00-1										
A6a.1.6.1.	COMM/NAV/ID System processor (CNI-SP)							-	-	-	-
A6a.1.6.2.	COMM/NAV/ID Management Unit (CNI-MU) operation							-	-	-	-
A6a.1.7.	Indicating and recording system components and operation TR: TO 1C-130J-2-31GS-00-1										
A6a.1.7.2.	Dual slot data transfer system (DSDTS)							-	-	-	-
A6a.1.7.3.	Removable memory module (RMM)							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	(1) Course	(2) CDC
A6a.1.7.4.	Control panels										
A6a.1.7.4.1.	Operational checkout of hard panels TR: TO 1C-130J-2-31JG-10-1							-	-	-	-
A6a.1.7.4.2.	Use of soft panels TR: TO 1C-130J-2-48GS-00-1							-	-	-	-
A6a.1.7.4.3.	Remove and install control panels TR: TO 1C-130J-2-31JG-10-1; TO 1C-130J-2-00JG-00-1							-	-	-	-
A6a.1.8.	Portable maintenance aid (PMA) function and operation TR: TO 31S5-4-2834-1										
A6a.1.8.1.	Aircraft maintenance operations										
A6a.1.8.1.1.	Initiated Built-In-Test (IBIT)							-	-	-	-
A6a.1.8.1.2.	Data Bus Test Points (DBTS)							-	-	-	-
A6a.1.8.1.3.	Faults / Advisory Caution and Warning System (ACAWS)							-	-	-	-
A6a.1.8.1.4.	Maintenance unique							-	-	-	-
A6a.1.8.2.	Loading software to Line Replaceable Units (LRU)										
A6a.1.8.2.1.	Aircraft/bench mode loading procedures							-	-	-	-
A6a.1.8.3.	PMA tool bar operation										
A6a.1.8.3.1.	Shutting down the PMA							-	-	-	-
A6a.1.8.3.2.	CD ROM drive operation							-	-	-	-
A6a.1.8.3.3.	Technical manuals							-	-	-	-
A6a.1.8.3.4.	System mounting /un-mounting							-	-	-	-
A6a.1.8.4.	Deployed Ground Maintenance System (GMS) procedures TR: TO 31S5-4-6197-1										
A6a.1.8.4.1.	Debrief aircraft – normal/manual							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	(1) Course	(2) CDC
A6a.1.8.4.2.	RMM utilities							-	-	-	-
A6a.1.9.	Aircraft communications equipment										
A6a.1.9.1.	Use Intercommunication System (ICS) control panel TR: TO 1C-130J-2-23JG-50-1							-	-	-	-
A6a.1.9.2.	Operate radios										
A6a.1.9.2.1.	Get home control panel TR: TO 1C-130J-2-23JG-00-1							-	-	-	-
A6a.1.9.2.2.	UHF TR: TO 1C-130J-2-23JG-30-1							-	-	-	-
A6a.1.9.2.3.	VHF TR: TO 1C-130J-2-23JG-20-2							-	-	-	-
A6a.1.10.	Perform ground handling TR: AFOSHSTD 91-100										
A6a.1.10.1.	Launch/marshall aircraft TR: AFI 11-218							-	-	-	-
A6a.1.10.2.	Recover aircraft TR: TO 1C-130J-2-10JG-00-1	*						-	-	-	-
A6a.1.10.3.	Aircraft tow procedures TR: TO 1C-130J-2-09JG-00-1							-	-	-	-
A6a.1.10.4.	Moor aircraft (chains) TR: TO 1C-130J-2-10JG-00-1							-	-	-	-
A6a.1.10.5.	Deice aircraft							-	-	-	-
A6a.1.10.6.	Debrief aircrew							-	-	-	-
A6a.1.10.7.	Tow aircraft TR: TO 1C-130J-2-09JG-10-1										
A6a.1.10.7.1.	Prepare aircraft for tow	*						-	-	-	-
A6a.1.10.7.2.	Wing/tail walker							-	-	-	-
A6a.1.10.7.3.	Brake operator							-	-	-	-
A6a.1.10.7.4.	Hand pump operator							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.1.10.7.5.	Tow team supervisor	*							-	-	-	-
A6a.1.10.7.6.	Tow vehicle operator								-	-	-	-
A6a.1.10.8.	Jack aircraft											
A6a.1.10.8.1.	Aircraft jacking								-	-	-	-
	TR: TO 1C-130J-2-07JG-00-1											
A6a.1.10.8.2.	Wing jack team member								-	-	-	-
	TR: TO 1C-130J-2-07JG-10-1	*R										
A6a.1.10.8.3.	Nose jack team member								-	-	-	-
	TR: TO 1C-130J-2-07JG-10-1	*R										
A6a.1.10.8.4.	Jacking supervisor								-	-	-	-
	TR: TO 1C-130J-2-07JG-10-1		*R									
A6a.1.10.8.5.	Axle jacking								-	-	-	-
	TR: TO 1C-130J-2-07JG-10-1	*										
A6a.1.10.8.6.	Operate jack manifold AF/M-1								-	-	-	-
	TR: 35D29, 35AA3-3-7-1											
A6a.1.10.8.7.	Shore aircraft for major maintenance								-	-	-	-
	TR: TO 1C-130J-3											
A6a.1.11.	Remove , install and inspect -21 equipment								-	-	-	-
	TR: 1C-130J-21											
A6a.1.12.	Enhanced Cargo Handling System (ECHS)											
	TR: TO 1C-130J-2-25JG-00-1-1											
A6a.1.12.1.	Inspect								-	-	-	-
A6a.1.12.2.	Operational checkout								-	-	-	-
A6a.1.12.3.	Remove and install											
A6a.1.12.3.1.	Electric locks								-	-	-	-
A6a.1.12.3.2.	Center rails								-	-	-	-
A6a.1.12.3.3.	Vertical restraints								-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.1.12.3.4.	Restraint rails							-	-	-	-
A6a.1.12.3.5.	Pallet Lock Control Units (PLCU)							-	-	-	-
A6a.1.12.3.6.	Multifunction Control Display (MFCD)							-	-	-	-
A6a.1.13.	Reconfigure aircraft										
A6a.1.13.1.	Rolling stock/palletized cargo							-	-	-	-
A6a.1.13.2.	Passenger/personnel							-	-	-	-
A6a.1.13.3.	Tactical airlift personnel							-	-	-	-
A6a.1.13.4.	Aerial Delivery System (ADS)							-	-	-	-
A6a.1.13.5.	Container Delivery System (CDS)							-	-	-	-
A6a.1.13.6.	Distinguished Visitor (DV)							-	-	-	-
A6a.1.14.	Cargo winch TR: TO 1C-130J-2-25JG-00-1-1										
A6a.1.14.1.	Operate							-	-	-	-
A6a.1.14.2.	Service/repair							-	-	-	-
A6a.1.14.3.	Remove/install							-	-	-	-
A6a.1.15.	Perform aircraft wash							-	-	-	-
A6a.1.16.	Lube aircraft after wash							-	-	-	-
A6a.1.17.	Remove/install galley microwave TR: TO 1C-130J-2-25JG-00-1-1							-	-	-	-
A6a.1.18.	Lavatory and Waste System TR: TO 1C-130J-2-38JG-30-1										
A6a.1.18.1.	Remove/install/repair components							-	-	-	-
A6a.1.18.2.	Inspect/operational check components							-	-	-	-
A6a.2.	AIRFRAME SYSTEMS										

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.2.1.	Airframe components and structure TR: TO 1C-130J-2-00GV-00-1							-	-	-	-
A6a.2.2.	Door system principles of operation										
A6a.2.2.1.	Crew entry door TR: TO 1C-130J-2-52JG-10-1							-	-	-	-
A6a.2.2.2.	Aft cargo door and ramp TR: TO 1C-130J-2-52JG-30-1, 1C-130J-2-52JG-30-2							-	-	-	-
A6a.2.2.3.	Paratroop door TR: TO 1C-130J-52JG-10-2							-	-	-	-
A6a.2.3.	Operate doors										
A6a.2.3.1.	Paratroop TR: TO 1C-130J-2-52JG-10-2							-	-	-	-
A6a.2.3.2.	Crew entry TR: TO 1C-130J-2-52JG-10-1							-	-	-	-
A6a.2.3.3.	Aft cargo door and ramp										
A6a.2.3.3.1.	Normal TR: TO 1C-130J-52JG-00-1							-	-	-	-
A6a.2.3.3.2.	Emergency TR: TO 1C-130J-52JG-00-1							-	-	-	-
A6a.2.4.	Remove and install										
A6a.2.4.1.	Cowlings							-	-	-	-
A6a.2.4.2.	Panels TR: TO 1C-130J-2-00GV-00-1							-	-	-	-
A6a.2.4.3.	Structural panels TR: TO 1C-130J-2-53JG-00-1							-	-	-	-
A6a.2.4.4.	Crew member seats TR: TO 1C-130J-2-25JG-00-1-1							-	-	-	-
A6a.2.4.5.	Windshields/windows TR: TO 1C-130J-2-56JG-00-1							-	-	-	-
A6a.2.4.6.	Life rafts TR: TO 1C-130J-2-25JG-00-1-2							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.2.4.7.	Pressure seals								-	-	-
A6a.2.4.8.	Crew door TR: TO 1C-130J-2-52JG-10-1								-	-	-
A6a.2.4.9.	Radomes								-	-	-
A6a.2.4.10.	Leading edges TR: TO 1C-130J-2-57JG-00-1								-	-	-
A6a.2.4.11.	Paratroop door TR: TO 1C-130J-2-52JG-10-2								-	-	-
A6a.2.4.12.	Aft cargo door and ramp TR: TO 1C-130J-2-52JG-30-2								-	-	-
A6a.2.4.13.	Aircraft escape hatches TR: TO 1C-130J-2-52JG-20-1								-	-	-
A6a.2.4.14.	Aft cargo door safety lock TR: TO 1C-130J-2-00JG-00-1								-	-	-
A6a.2.4.15.	Static line retriever TR: TO 1C-130J-2-25JG-00-1-2								-	-	-
A6a.2.4.16.	Hydraulic actuator (cargo door and ramp) TR: TO 1C-130J-2-52JG-30-1/-2								-	-	-
A6a.2.4.17.	Negator spring TR: TO 1C-130J-2-52JG-10-1/-2								-	-	-
A6a.2.4.18.	Parachute initiation device TR: TO 1C-130J-2-25JG-00-1-2								-	-	-
A6a.2.5.	Rig crew entry door TR: TO 1C-130J-2-52JG-10-1								-	-	-
A6a.2.6.	Rig paratroop door TR: TO 1C-130J-2-52JG-10-2								-	-	-
A6a.2.7.	Check crew entry door lower torque tube for allowable rotation TR: TO 1C-130J-2-52JG-10-1								-	-	-
A6a.2.8.	Rig cargo ramp and door system TR: TO 1C-130J-2-52JG-30-1/-2								-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.2.8.	Troubleshoot cargo ramp and door system TR TO 1C-130J-2-52JG-30-1/2							-	-	-	-
A6a.2.9.	Open and close										
A6a.2.9.1.	Cowling TR: TO 1C-130J-2-00GV-00-1							-	-	-	-
A6a.2.9.2.	Radomes TR: TO 1C-130J-2-00JG-00-1							-	-	-	-
A6a.2.10.	Inspect crew/passenger comfort facilities							-	-	-	-
A6a.2.11.	Service crew/passenger comfort facilities							-	-	-	-
A6a.3.	LANDING GEAR SYSTEMS										
A6a.3.1.	Landing gear components and system operation TR: TO 1C-130J-2-32GS-00-1							-	-	-	-
A6a.3.2.	Determine serviceability of aircraft tires TR: TO 4T-1-3							-	-	-	-
A6a.3.3.	Inspect landing gear system TR: TO 1C-130J-6	*						-	-	-	-
A6a.3.4.	Troubleshoot							-	-	-	-
A6a.3.5.	Perform operational check										
A6a.3.5.1.	Landing gear retraction member TR: TO 1C-130J-2-32JG-00-1							-	-	-	-
A6a.3.5.2.	Landing gear retraction supervisor TR: TO 1C-130J-2-32JG-00-1							-	-	-	-
A6a.3.5.3.	Brakes TR: TO 1C-130J-2-32JG-40-1							-	-	-	-
A6a.3.5.4.	Steering system TR: TO 1C-130J-2-32JG-50-1							-	-	-	-
A6a.3.5.5.	Anti skid TR: TO 1C-130J-2-32JG-40-1							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	(1) Course	(2) CDC
A6a.3.6.	Service TR: TO 1C-130J-2-12JG-10-2										
A6a.3.6.1.	Tires	*						-	-	-	-
A6a.3.6.2.	Shock strut (Alternate method)	*						-	-	-	-
A6a.3.6.3.	Shock strut (Preferred method)							-	-	-	-
A6a.3.7.	Remove/install landing gear components TR: TO 1C-130J-2-32JG-10-1, 20-1, 50-1										
A6a.3.7.1.	Wheel and tire assemblies TR: TO 1C-130J-2-32JG-40-1							-	-	-	-
A6a.3.7.2.	Brake assemblies TR: TO 1C-130J-2-32JG-40-1							-	-	-	-
A6a.3.7.3.	Nose landing gear forward and aft door							-	-	-	-
A6a.3.7.4.	Nose landing gear strut							-	-	-	-
A6a.3.7.5.	Nose steering control valve							-	-	-	-
A6a.3.7.6.	Main landing gear ball screw							-	-	-	-
A6a.3.7.7.	Main landing gear shoes							-	-	-	-
A6a.3.7.8.	Main landing gear drag pin							-	-	-	-
A6a.3.7.9.	Main landing gear trunnion							-	-	-	-
A6a.3.7.10.	Main landing gear friction washer							-	-	-	-
A6a.3.7.11.	Main landing gear torque strut							-	-	-	-
A6a.3.7.12.	Main landing gear strut							-	-	-	-
A6a.3.7.13.	Main landing gear motor							-	-	-	-
A6a.3.7.14.	Main landing gear gearbox							-	-	-	-
A6a.3.7.15.	Main landing gear inboard and outboard doors							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.3.8.	Brakes TR: TO 1C-130J-2-32JG-40-1										
A6a.3.8.1.	Bleed brake systems							-	-	-	-
A6a.3.8.2.	Remove and install parking brake cable							-	-	-	-
A6a.3.8.3.	Remove and install parking brake crossover cable							-	-	-	-
A6a.3.8.4.	Perform normal and emergency main landing gear brake system operational check							-	-	-	-
A6a.3.9.	Adjust/rig landing gear components										
A6a.3.9.1.	Nose landing gear forward and aft door TR: TO 1C-130J-2-32JG-20-1							-	-	-	-
A6a.3.9.2.	Main landing gear inboard and outboard door TR: TO 1C-130J-2-32JG-10-1							-	-	-	-
A6a.3.9.3.	Nose landing gear steering system TR: TO 1C-130J-2-32JG-50-1							-	-	-	-
A6a.3.9.4.	Main landing gear shoes TR: TO 1C-130J-2-32JG-30-1							-	-	-	-
A6a.4.	UTILITY SYSTEMS										
A6a.4.1.	Utility system components and system operation TR: TO 1C-130J-2-36GS-00-1										
A6a.4.1.1.	Bleed air system TR: TO 1C-130J-2-36JG-00-1							-	-	-	-
A6a.4.1.2.	Wing overheat warning system TR: TO 1C-130J-2-36JG-00-1							-	-	-	-
A6a.4.1.3.	Air conditioning system TR: TO 1C-130J-2-21JG-00-1							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.4.1.4.	Pressurization system TR: TO 1C-130J-2-21JG-30-1							-	-	-	-
A6a.4.1.5.	Anti-ice/de-ice system TR: TO 1C-130J-2-30JG-00-1							-	-	-	-
A6a.4.1.6.	Rain protection system TR: TO 1C-130J-2-30JG-00-1							-	-	-	-
A6a.4.1.7.	Fire/overheat detection system (FODS) TR: TO 1C-130J-2-26JG-10-1							-	-	-	-
A6a.4.1.8.	Fire extinguishing system TR: TO 1C-130J-2-26JG-20-1							-	-	-	-
A6a.4.1.9.	Oxygen system TR: TO 1C-130J-2-35JG-00-1							-	-	-	-
A6a.4.1.10.	Smoke detection system TR: TO 1C-130J-2-26JG-10-1							-	-	-	-
A6a.4.2.	Operate										
A6a.4.2.1.	Bleed air system TR: TO 1C-130J-2-36JG-00-1							-	-	-	-
A6a.4.2.2.	Air conditioning system TR: TO 1C-130J-2-21JG-00-1							-	-	-	-
A6a.4.2.3.	Pressurization system TR: TO 1C-130J-2-21JG-30-1							-	-	-	-
A6a.4.2.4.	Anti-ice/de-ice system TR: TO 1C-130J-2-30JG-00-1							-	-	-	-
A6a.4.2.5.	Rain protection system TR: TO 1C-130J-2-30JG-00-1							-	-	-	-
A6a.4.2.6.	Smoke detection system TR: TO 1C-130J-2-26JG-10-1							-	-	-	-
A6a.4.2.7.	Fire/overheat detection system (FODS) TR: TO 1C-130J-2-26JG-10-1	*						-	-	-	-
A6a.4.2.8.	Fire extinguishing system TR: TO 1C-130J-2-26JG-20-1							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.4.2.9.	Oxygen system TR: TO 1C-130J-2-35JG-00-1							-	-	-	-
A6a.4.2.10.	Auxiliary Power Unit (APU) generator TR: TO 1C-130J-2-49JG-00-1							-	-	-	-
A6a.4.3.	Inspect										
A6a.4.3.1.	Bleed air system							-	-	-	-
A6a.4.3.2.	Air conditioning system							-	-	-	-
A6a.4.3.3.	Pressurization system							-	-	-	-
A6a.4.3.4.	Anti-ice/de-ice system							-	-	-	-
A6a.4.3.5.	Rain protection system							-	-	-	-
A6a.4.3.6.	Fire/overheat detection system (FODS)							-	-	-	-
A6a.4.3.7.	Fire extinguishing system							-	-	-	-
A6a.4.3.8.	Oxygen system							-	-	-	-
A6a.4.4.	Service oxygen system TR: TO 1C-130J-2-12JG-10-2	*						-	-	-	-
A6a.4.5.	Remove/install wiper motor/converter/blade TR: TO 1C-130J-2-30JG-00-1							-	-	-	-
A6a.4.6.	Troubleshoot windshield wiper system							-	-	-	-
A6a.4.7.	Detect aircraft pressure leaks TR: TO 1C-130J-2-21JG-30-1							-	-	-	-
A6a.4.8.	Remove and install bleed air V- Band couplings TR: TO 1C-130J-2-36JG-00-1							-	-	-	-
A6a.4.9.	Remove/service/install portable oxygen bottles TR: TO 1C-130J-2-35JG-00-1							-	-	-	-
A6a.5.	FLIGHT CONTROL SYSTEMS										

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.5.1.	Flight control components and system operation TR: TO 1C-130J-2-27GS-00-1							-	-	-	-
A6a.5.2.	Ailerons										
A6a.5.2.1.	Aileron control components and system operation TR: TO 1C-130J-2-27GS-00-1							-	-	-	-
A6a.5.2.2.	Operate aileron system TR: TO 1C-130J-2-27JG-00-1							-	-	-	-
A6a.5.2.3.	Remove and install aileron TR: TO 1C-130J-2-27JG-10-1							-	-	-	-
A6a.5.2.4.	Remove and install aileron push rod TR: TO 1C-130J-2-27JG-10-1							-	-	-	-
A6a.5.2.5.	Remove and install aileron boost pack TR: TO 1C-130J-2-27JG-10-1							-	-	-	-
A6a.5.2.6.	Remove and install aileron trim tab TR: TO 1C-130J-2-27JG-10-2							-	-	-	-
A6a.5.2.7.	Remove and install aileron trim tab actuator TR: TO 1C-130J-2-27JG-10-2	*						-	-	-	-
A6a.5.2.8.	Inspect aileron system	*						-	-	-	-
A6a.5.2.9.	Rig and adjust aileron system TR: TO 1C-130J-2-27JG-10-1							-	-	-	-
A6a.5.2.10.	Rig and adjust aileron trim system TR: TO 1C-130J-2-27JG-10-2							-	-	-	-
A6a.5.2.11.	Troubleshoot aileron system							-	-	-	-
A6a.5.3.	Rudder										
A6a.5.3.1.	Rudder control components and system operation TR: TO 1C-130J-2-27GS-00-1							-	-	-	-
A6a.5.3.2.	Operate rudder system TR: TO 1C-130J-2-27JG-00-1							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)					
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.5.3.3.	Remove and install rudder TR: TO 1C-130J-2-27JG-20-1								-	-	-	-
A6a.5.3.4.	Remove and install rudder push rod TR: TO 1C-130J-2-27JG-20-1								-	-	-	-
A6a.5.3.5.	Remove and install rudder trim tab TR: TO 1C-130J-2-27JG-20-2								-	-	-	-
A6a.5.3.6.	Remove and install rudder trim tab actuator TR: TO 1C-130J-2-27JG-20-2								-	-	-	-
A6a.5.3.7.	Remove and install rudder boost pack TR: TO 1C-130J-2-27JG-20-1								-	-	-	-
A6a.5.3.8.	Inspect rudder system	*							-	-	-	-
A6a.5.3.9.	Rig and adjust rudder system TR: TO 1C-130J-2-27JG-20-1								-	-	-	-
A6a.5.3.10.	Rig and adjust rudder trim system TR: TO 1C-130J-2-27JG-20-2								-	-	-	-
A6a.5.3.11.	Troubleshoot rudder system								-	-	-	-
A6a.5.4.	Elevators											
A6a.5.4.1.	Elevator control components and system operation TR: TO 1C-130J-2-27GS-00-1								-	-	-	-
A6a.5.4.2.	Operate elevator system TR: TO 1C-130J-2-27JG-00-1								-	-	-	-
A6a.5.4.3.	Remove and install elevator TR: TO 1C-130J-2-27JG-30-1								-	-	-	-
A6a.5.4.4.	Remove and install elevator push rod TR: TO 1C-130J-2-27JG-30-1								-	-	-	-
A6a.5.4.5.	Remove and install elevator boost pack TR: TO 1C-130J-2-27JG-30-1								-	-	-	-
A6a.5.4.6.	Remove and install elevator trim tab TR: TO 1C-130J-2-27JG-30-2								-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.5.4.7.	Remove and install elevator trim tab actuator TR: TO 1C-130J-2-27JG-30-2								-	-	-	-
A6a.5.4.8.	Remove and install elevator trim tab flex drive TR: TO 1C-130J-2-27JG-30-2								-	-	-	-
A6a.5.4.9.	Inspect elevator system	*							-	-	-	-
A6a.5.4.10.	Rig and adjust elevator TR: TO 1C-130J-2-27JG-30-1								-	-	-	-
A6a.5.4.11.	Rig and adjust elevator trim system TR: TO 1C-130J-2-27JG-30-2								-	-	-	-
A6a.5.4.12.	Trouble shoot elevator system								-	-	-	-
A6a.5.4.13.	Stall warning system components and operation TR: TO 1C-130J-2-27GS-00-1											
A6a.5.4.13.1.	Stall warning system operational checkout TR: TO 1C-130J-2-27JG-30-3								-	-	-	-
A6a.5.4.13.2.	Removal and installation of stick pusher control actuator, capstan, control cables and sector assembly TR: TO 1C-130J-2-27JG-30-3								-	-	-	-
A6a.5.4.13.3.	Adjustment of stick pusher control cable tension TR: TO 1C-130J-2-27JG-30-3								-	-	-	-
A6a.5.5.	Flaps											
A6a.5.5.1.	Flap system components and operation TR: TO 1C-130J-2-27GS-00-1								-	-	-	-
A6a.5.5.2.	Operate flap system TR: TO 1C-130J-2-27JG-00-1								-	-	-	-
A6a.5.5.3.	Remove and install flap torque tube TR: TO 1C-130J-2-27JG-50-1-1; TO 1C-130J-2-27JG-50-1-2								-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.5.5.4.	Remove and install flap jackscrew TR: TO 1C-130J-2-27JG-50-1-1; TO 1C-130J-2-27JG-50-1-2							-	-	-	-
A6a.5.5.5.	Remove and install flap manual drive cable TR: TO 1C-130J-2-27JG-50-1-1							-	-	-	-
A6a.5.5.6.	Inspect flap system	*						-	-	-	-
A6a.5.5.7.	Rig and adjust flap system TR: TO 1C-130J-2-27JG-50-1-1; TO 1C-130J-2-27JG-50-1-2							-	-	-	-
A6a.5.5.8.	Troubleshoot flap syste							-	-	-	-
A6a.6.	HYDRAULIC SYSTEM										
A6a.6.1.	Hydraulic system components and system operation TR: TO 1C-130J-2-29GS-00-1							-	-	-	-
A6a.6.2.	Hydraulic schematics TR: TO 1C-130J-2-29GS-00-1							-	-	-	-
A6a.6.3.	Inspect hydraulic system TR: TO 1C-130J-6							-	-	-	-
A6a.6.4.	Operate auxiliary hydraulic pump TR: TO 1C-130J-2-29JG-20-1							-	-	-	-
A6a.6.5.	Connect/disconnect hydraulic test stand TR: TO 1C-130J-2-00JG-00-1							-	-	-	-
A6a.6.6.	Troubleshoot hydraulic system							-	-	-	-
A6a.6.7.	Remove and install										
A6a.6.7.1.	Pressure switches TR: TO 1C-130J-2-29JG-30-1							-	-	-	-
A6a.6.7.2.	Pressure transducers TR: TO 1C-130J-2-29JG-30-1							-	-	-	-
A6a.6.7.3.	Hydraulic pumps TR: TO 1C-130J-2-29JG-10-1							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.6.7.4.	Auxiliary hydraulic pump TR: TO 1C-130J-2-29JG-20-1								-	-	-	-
A6a.6.7.5.	Hydraulic accumulator TR: TO 1C-130J-2-29JG-10-1								-	-	-	-
A6a.6.7.6.	Ground test valve TR: TO 1C-130J-2-29JG-20-1								-	-	-	-
A6a.6.8.	Service											
A6a.6.8.1.	Hydraulic Reservoir TR: TO 1C-130J-2-12JG-10-2	*							-	-	-	-
A6a.6.8.2.	Hydraulic accumulator TR: TO 1C-130J-2-12JG-10-2	*							-	-	-	-
A6a.6.9.	Rig ground test valve cable TR: TO 1C-130J-2-29JG-20-1								-	-	-	-
A6a.7.	ENGINES AND AUXILIARY POWER UNIT (APU)											
A6a.7.1.	Engine components and operation TR: TO 1C-130J-2-70GS-00-1								-	-	-	-
A6a.7.2.	APU components and operation TR: TO 1C-130J-2-49GS-00-1								-	-	-	-
A6a.7.3.	Operate											
A6a.7.3.1.	Engine and subsystems TR: TO 1C-130J-2-71JG-00-1								-	-	-	-
A6a.7.3.2.	APU TR: TO 1C-130J-2-49JG-00-1	*R							-	-	-	-
A6a.7.4.	Service											
A6a.7.4.1.	Engine oil system TR: TO 1C-130J-2-12JG-10-2	*							-	-	-	-
A6a.7.4.2.	APU oil system TR: TO 1C-130J-2-12JG-10-2								-	-	-	-
A6a.7.4.3.	Engine starter TR: TO 1C-130J-2-12JG-10-2								-	-	-	-
A6a.7.5.	Remove and install											

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.7.5.1.	Engine										
A6a.7.5.1.1.	Full Authority Digital Electronic Control (FADEC) TR: TO 1C-130J-2-73JG-00-1								-	-	-
A6a.7.5.1.2.	Nacelle Interface Unit (NIU) TR: TO 1C-130J-2-77JG-00-1								-	-	-
A6a.7.5.1.3.	Starter TR: TO 1C-130J-2-80JG-00-1								-	-	-
A6a.7.5.1.4.	Starter control valve TR: TO 1C-130J-2-80JG-00-1								-	-	-
A6a.7.5.1.5.	Hydraulic filters TR: TO 1C-130J-2-29JG-10-1								-	-	-
A6a.7.5.1.6.	Gas generator speed switch (NG) TR: TO 1C-130J-2-77JG-00-1								-	-	-
A6a.7.5.1.7.	Power turbine speed sensor (NP) TR: TO 1C-130J-2-77JG-00-1								-	-	-
A6a.7.5.1.8.	Throttle quadrant TR: TO 1C-130J-2-76JG-00-1								-	-	-
A6a.7.5.1.9.	Ignition exciter TR: TO 1C-130J-2-80JG-00-1								-	-	-
A6a.7.5.1.10.	Fuel Cooled Oil Cooler (FCOC) TR: TO 1C-130J-2-79JG-00-1								-	-	-
A6a.7.5.1.11.	Air/oil cooler TR: TO 1C-130J-2-79JG-00-1								-	-	-
A6a.7.5.1.12.	Oil cooler flap actuator TR: TO 1C-130J-2-79JG-00-1								-	-	-
A6a.7.5.1.13.	Anti-icing air valve TR: TO 1C-130J-2-75JG-00-1								-	-	-
A6a.7.5.1.14.	Pressure and scavenge oil filters TR: TO 1C-130J-2-79JG-00-1								-	-	-
A6a.7.5.1.15.	Generator TR: TO 1C-130J-2-24JG-20-1								-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.7.5.1.16.	Engine driven hydraulic pump TR: TO 1C-130J-2-29JG-10-1							-	-	-	-
A6a.7.5.1.17.	Bleed air valve TR: TO 1C-130J-2-75JG-00-1							-	-	-	-
A6a.7.5.1.18.	Perform engine removal preparation							-	-	-	-
A6a.7.5.1.19.	Perform engine installation preparation inspection TR: TO 1C-130J-6							-	-	-	-
A6a.7.5.2.	APU										
A6a.7.5.2.1.	Generator TR: TO 1C-130J-2-24JG-20-1							-	-	-	-
A6a.7.5.2.2.	Starter TR: TO 1C-130J-2-49JG-00-1							-	-	-	-
A6a.7.5.2.3.	Inlet door TR: TO 1C-130J-2-49JG-00-1							-	-	-	-
A6a.7.5.2.4.	Electronic Three Speed Switch (E3SS) TR: TO 1C-130J-2-49JG-00-1							-	-	-	-
A6a.7.5.2.5.	Electronic Temperature and Acceleration Control (ETAC) TR: TO 1C-130J-2-49JG-00-1							-	-	-	-
A6a.7.6.	Troubleshoot							-	-	-	-
A6a.8.	PROPELLERS										
A6a.8.1.	Propeller components and system operation TR: TO 1C-130J-2-61GS-00-1							-	-	-	-
A6a.8.2.	Perform static ground operation TR: TO 1C-130J-2-61JG-00-1	*						-	-	-	-
A6a.8.3.	Inspect propeller system TR: TO 1C-130J-2-61JG-00-1							-	-	-	-
A6a.8.4.	Remove and install										

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)					
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.8.4.1.	Propeller assembly TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.4.2.	Pitch control unit (PCU) TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.4.3.	Brush block assembly TR: TO 1C-130J-2-30JG-00-1								-	-	-	-
A6a.8.4.4.	Auxiliary feather pump TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.4.5.	Overspeed governor and high pressure pump TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.4.6.	Spinner TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.4.7.	Beta tube TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.5.	Adjust Beta tube TR: TO 1C-130J-2-61JG-00-1								-	-	-	-
A6a.8.6.	Troubleshoot								-	-	-	-
A6a.9.	AIRCRAFT FUEL SYSTEMS											
A6a.9.1.	Fuel system components and operation TR: TO 1C-130J-2-28GS-00-1								-	-	-	-
A6a.9.2.	Remove and install fuel control panel TR: TO 1C-130J-2-28JG-00-1								-	-	-	-
A6a.9.3.	Service fuel surge suppressor TR: TO 1C-130J-2-12JG-10-1								-	-	-	-
A6a.9.4.	Perform ground transfer TR: TO 1C-130J-2-12JG-10-1	*							-	-	-	-
A6a.9.5.	Prepare aircraft for fuel cell maintenance								-	-	-	-
A6a.9.6.	Inspect fuel system		*						-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.9.7.	Refuel aircraft TR: TO 1C-130J-2-12JG-10-1										
A6a.9.7.1.	Fuel control panel operator	*						-	-	-	-
A6a.9.7.2.	Team supervisor		*					-	-	-	-
A6a.9.7.3.	Concurrent refuel supervisor							-	-	-	-
A6a.9.8.	Defuel aircraft TR: TO 1C-130J-2-12JG-10-1										
A6a.9.8.1.	Fuel control panel operator	*						-	-	-	-
A6a.9.8.2.	Team supervisor		*					-	-	-	-
A6a.9.8.3	Drain residual fuel TR: TO 1C-130J-2-28JG-00-1							-	-	-	-
A6a.9.9.	Troubleshoot							-	-	-	-
A6a.10.	ELECTRICAL SYSTEMS										
A6a.10.1.	Electrical system components and operation TR: TO 1C-130J-2-24GS-00-1							-	-	-	-
A6a.10.2.	Service sump jar TR: TO 1C-130J-2-12JG-10-2							-	-	-	-
A6a.10.3.	Connect/disconnect external electrical power TR: TO 1C-130J-2-00JG-00-1										
A6a.10.3.1.	Using Operational Flight Program (OFP)	*						-	-	-	-
A6a.10.3.2.	Loading Operational Maintenance Program (OMP)	*						-	-	-	-
A6a.10.3.3.	Transitioning between airplane software programs										
A6a.10.3.3.1.	OFP to OMP without removing external electrical power							-	-	-	-
A6a.10.3.3.2.	OMP to OFP without removing external electrical power							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)			
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC	(2) Course CDC
A6a.10.4.	Perform operational check										
A6a.10.4.1.	Regulated power supply TR: TO 1C-130J-2-24JG-30-1							-	-	-	-
A6a.10.4.2.	Electrical control panel TR: TO 1C-130J-2-24JG-20-1							-	-	-	-
A6a.10.4.3.	Electronic Circuit Breaker (ECB) manipulation using CNBP or CNI-MU TR: TO 1C-130J-2-00JG-00-1							-	-	-	-
A6a.10.4.4.	Lighting system normal and covert/ Night Vision Imaging System (NVIS) TR: TO 1C-130J-2-33JG-00-1										
A6a.10.4.4.1.	Flight station							-	-	-	-
A6a.10.4.4.2.	Cargo compartment							-	-	-	-
A6a.10.4.4.3.	Exterior							-	-	-	-
A6a.10.4.4.4.	Emergency Exit Lights (EEL)							-	-	-	-
A6a.10.4.4.5.	Indicator warning lights							-	-	-	-
A6a.10.5.	Remove and install										
A6a.10.5.1.	Electrical control panel TR: TO 1C-130J-2-24JG-20-1							-	-	-	-
A6a.10.5.2.	Electronic Circuit Breaker Unit (ECBU) TR: TO 1C-130J-2-24JG-70-1							-	-	-	-
A6a.10.5.3.	Light assemblies and components TR: TO 1C-130J-2-33JG-00-1							-	-	-	-
A6a.10.5.4.	Aircraft utility/avionics batteries TR: TO 1C-130J-2-24JG-20-1							-	-	-	-
A6a.10.6.	Inspect										
A6a.10.6.1.	Components							-	-	-	-
A6a.10.6.2.	Wiring and connectors							-	-	-	-

# C-130J QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Attach 1)				
1. Tasks, Knowledge And Technical References			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
		5	7	Training Start	Training Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6a.10.7.	Use wiring diagrams								-	-	-	-
A6a.10.8.	Verify electrical bonding of components TR: TO 1C-130J-2-00GV-00-1								-	-	-	-
A6a.10.9.	Troubleshoot								-	-	-	-
A6a.11.	EGRESS SYSTEM											
A6a.11.1.	Egress system components and operation TR: TO 1C-130J-2-25GS-00-1								-	-	-	-
A6a.11.2.	Inspect egress components								-	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
NOTE: this attachment is used in conjunction with Attachment 2.										
A7.1. AIRCRAFT GENERAL										
A7.1.1. Periodic inspection concept and Inspection TR: TOs 00-20 series, applicable aircraft -6 TOs										
A7.1.1.1. Periodic/Isochronal inspection concept								B	-	-
A7.1.1.2. Perform inspections										
A7.1.1.2.1. Preflight	*							2b	-	-
A7.1.1.2.1.1. Alert 5A								-	-	-
A7.1.1.2.1.2. Alert 5B								-	-	-
A7.1.1.2.2. Thruflight										
A7.1.1.2.2.1. Inspection 2A	*							2b	-	-
A7.1.1.2.2.2. Inspection 2B	*							2b	-	-
A7.1.1.2.3. Quick Turn	*							-	-	-
A7.1.1.2.4. Home Station Check/Hourly Post Flight		*R						2b	-	-
A7.1.1.2.5. Periodic/ISO										
A7.1.1.2.5.1. Inspect area 1								-	-	-
A7.1.1.2.5.2. Lube area 1								-	-	-
A7.1.1.2.5.3. Inspect area 2								-	-	-
A7.1.1.2.5.4. Lube area 2								-	-	-
A7.1.1.2.5.5. Inspect area 3								-	-	-
A7.1.1.2.5.6. Lube area 3								-	-	-
A7.1.1.2.5.7. Inspect area 4								-	-	-
A7.1.1.2.5.8. Lube area 4								-	-	-
A7.1.1.2.6. Acceptance								-	-	-
A7.1.1.2.7. Calendar								-	-	-
A7.1.1.2.8. Special								-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.1.1.2.9. Time change item								-	-	-	-
A7.1.1.2.10. Exterior panel/secondary structure inspection		*R						-	-	-	-
A7.1.1.2.11. Critical corrosion inspection								-	-	-	-
A7.1.2. Aircraft communications equipment TR: Applicable aircraft -2 TOs											
A7.1.2.1. Operate radio								-	-	-	-
A7.1.2.2. Use interphone	*							2b/b	-	-	-
A7.1.3. Perform ground handling TR: AFI 11-218 AFOSH Std 127-100, TO 00-25-172, Applicable aircraft -1 and -2 TOs											
A7.1.3.1. Aircraft launch								b	-	-	-
A7.1.3.2. Call flight controls	*							2b	-	-	-
A7.1.3.3. Aircraft recovery								b	-	-	-
A7.1.3.4. Tow aircraft											
A7.1.3.4.1. Wing/tail walker	*							b	-	-	-
A7.1.3.4.2. Brake operator	*							b	-	-	-
A7.1.3.4.3. Tow team supervisor		*						-	-	-	-
A7.1.3.4.4. Tow vehicle operator								-	-	-	-
A7.1.3.5. Jack and level aircraft											
A7.1.3.5.1. Jacking team member								-	-	-	-
A7.1.3.5.2. Leveling scale (plumb bob) operator								-	-	-	-
A7.1.3.5.3. Jacking manifold operator								-	-	-	-
A7.1.3.5.4. Jacking supervisor								-	-	-	-
A7.1.3.5.5. Axle jacking	*							2b	-	-	-
A7.1.4. Compute center of gravity TR: Applicable aircraft -5 TOs	*							2b	-	-	-
A7.1.5. Install/remove ground safety devices TR: Applicable aircraft -2 TOs											

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.1.5.1. Landing gear	*							2b	-	-	-
A7.1.5.2. Landing gear doors	*							2b	-	-	-
A7.1.6. Ground aircraft TR: Applicable aircraft -2 TOs								2b	-	-	-
A7.1.7. Configure/reconfigure aircraft											
A7.1.7.1. Rolling stock/palletized cargo								-	-	-	-
A7.1.7.2. Passenger/personnel								-	-	-	-
A7.1.7.3. Distinguished Visitor (DV)								-	-	-	-
A7.1.8. Maintain/store/configure/-21 equipment								-	-	-	-
A7.1.9. Cargo roller system											
A7.1.9.1. Remove/install								-	-	-	-
A7.1.9.2. Troubleshoot/repair								-	-	-	-
A7.1.10. Aircraft wash TR: TO - 6WC-3											
A7.1.10.1. Team member								-	-	-	-
A7.1.10.2. Team supervisor								-	-	-	-
A7.1.10.3. Post wash lube								-	-	-	-
A7.2. AIRFRAME SYSTEMS TR: Applicable aircraft -2 TOs											
A7.2.1. Airframe components and structure								A	-	-	-
A7.2.2. Operate											
A7.2.2.1. Crew entry door	*							2b	-	-	-
A7.2.2.2. Cargo door	*							2b	-	-	-
A7.2.2.3. Emergency exit hatch	*							2b	-	-	-
A7.2.2.4. Wheel well doors								2b	-	-	-
A7.2.3. Service cargo door reservoir								b	-	-	-
A7.2.4. Open and close											
A7.2.4.1. Cowling (F-108)	*							2b/b	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.2.4.2. Cowling (TF-33)								-	-	-	-
A7.2.4.3. Panels/doors								-	-	-	-
A7.2.4.4. Windows								-	-	-	-
A7.2.5. Remove and install											
A7.2.5.1. Cowling (F-108)	*							-	-	-	-
A7.2.5.2. Cowling (TF-33)	*							b	-	-	-
A7.2.5.3. Panels/doors								-	-	-	-
A7.2.5.4. Non-explosive seats								-	-	-	-
A7.2.5.5. Windows								-	-	-	-
A7.2.5.6. Life rafts								-	-	-	-
A7.2.5.7. Radomes								-	-	-	-
A7.2.5.8. Door/hatch seals								-	-	-	-
A7.2.5.9. Thermal curtains								-	-	-	-
A7.2.5.10. Boom sighting door window								-	-	-	-
A7.2.5.11. Boom sighting door								-	-	-	-
A7.2.5.12. QSAS inlet and exhaust doors								-	-	-	-
A7.2.6. Perform aircraft inclement weather procedures								-	-	-	-
A7.2.7. Inspect crew/passenger comfort facilities TR: Applicable acft -6 TOs								-	-	-	-
A7.2.8. Service crew/passenger comfort facilities								-	-	-	-
A7.2.9. Technical order (TO) publications											
A7.2.9.1. Applicable aircraft technical orders								B	-	-	-
A7.2.9.2. Use C-135 technical orders								2b	-	-	-
A7.2.9.3. Review aircraft flight and maintenance records								B	-	-	-
A7.3. LANDING GEAR SYSTEMS TR: Applicable aircraft -2 TOs											
A7.3.1. Landing gear components and system operation								A	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.3.2. Operate								-	-	-	-
A7.3.2.1. Landing gear	*							2b	-	-	-
A7.3.2.2. Brakes	*							-	-	-	-
A7.3.2.3. Steering system								-	-	-	-
A7.3.2.4. Anti skid system								-	-	-	-
A7.3.3. Service								2b	-	-	-
A7.3.3.1. Snubber	*							2b	-	-	-
A7.3.3.2. Centering cylinder	*							2b	-	-	-
A7.3.3.3. Landing gear struts								2b	-	-	-
A7.3.3.3.1. Deflate	*							2b	-	-	-
A7.3.3.3.2. Drain								-	-	-	-
A7.3.3.3.3. Fill	*							2b	-	-	-
A7.3.3.3.4. Inflate	*							2b	-	-	-
A7.3.3.4. Tires TR: TO 4T-1-3	*							2b	-	-	-
A7.3.4. Lubricate landing gear components								-	-	-	-
A7.3.5. Remove and Install								-	-	-	-
A7.3.5.1. Snubbers								-	-	-	-
A7.3.5.2. Centering cylinder								-	-	-	-
A7.3.5.3. Wheel and tire assemblies								-	-	-	-
A7.3.5.3.1. Nose	*							2b	-	-	-
A7.3.5.3.2. Main	*							2b	-	-	-
A7.3.5.4. Anti-skid transducer	*R							2b	-	-	-
A7.3.5.5. Brake assemblies	*R							2b	-	-	-
A7.3.6. Bleed brake system	*R							2b	-	-	-
A7.3.7. Determine serviceability of aircraft tires TR: TO 4T-1-3	*							2b	-	-	-
A7.3.8. Inspect landing gear system TR: Applicable aircraft -6 TOs								2b	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.3.9. Troubleshoot landing gear system								-	-	-	-
A7.4. UTILITY SYSTEMS TR: TO 00-25-172, applicable aircraft -2 TOs											
A7.4.1. Utility components and system operation								A	-	-	-
A7.4.2. Operate											
A7.4.2.1. Bleed air system								-	-	-	-
A7.4.2.2. Air conditioning system								-	-	-	-
A7.4.2.3. Pressurization system								-	-	-	-
A7.4.2.4. Anti-ice system								-	-	-	-
A7.4.2.5. Rain removal system								-	-	-	-
A7.4.2.6. Fire/overheat warning system								-	-	-	-
A7.4.2.7. Fire extinguishing system								-	-	-	-
A7.4.2.8. Oxygen system								-	-	-	-
A7.4.3. Oxygen system TR: Applicable aircraft -2, -3 TOs	*							2b	-	-	-
A7.4.3.1. Service gaseous oxygen	*							-	-	-	-
A7.4.3.2. Service liquid oxygen								-	-	-	-
A7.4.3.3. Drain liquid oxygen								-	-	-	-
A7.4.4. Inspect TR: Applicable aircraft -6 TOs											
A7.4.4.1. Bleed air system								-	-	-	-
A7.4.4.2. Air conditioning system								-	-	-	-
A7.4.4.3. Pressurization system								-	-	-	-
A7.4.4.4. Anti-ice system								-	-	-	-
A7.4.4.5. Rain removal system								-	-	-	-
A7.4.4.6. Fire/overheat warning system								-	-	-	-
A7.4.4.7. Fire extinguisher system								-	-	-	-
A7.4.4.8. Oxygen system								-	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.4.5. Air Cycle Machine (ACM)											
A7.4.5.1. Drain	*							b	-	-	-
A7.4.5.2. Service	*							b	-	-	-
A7.4.6. Troubleshoot utility systems								-	-	-	-
A7.5. FLIGHT CONTROL SYSTEM TR: Applicable aircraft -2 TOs											
A7.5.1. Flight control components and system operation								A	-	-	-
A7.5.2. Operate flight controls											
A7.5.2.1. Aileron system								2b	-	-	-
A7.5.2.2. Rudder system								2b	-	-	-
A7.5.2.3. Elevator system								2b	-	-	-
A7.5.2.4. Spoiler/Speed brake system								2b	-	-	-
A7.5.2.5. Stabilizer trim system								2b	-	-	-
A7.5.2.6. Flap system								2b	-	-	-
A7.5.3. Remove & install flight control components											
A7.5.3.1. Cove lip door								-	-	-	-
A7.5.3.2. Cove lip door latch								-	-	-	-
A7.5.3.3. Flap torque limiter								-	-	-	-
A7.5.3.4. Flap jackscrew								-	-	-	-
A7.5.3.5. Fore flap								-	-	-	-
A7.5.3.6. Aileron snubber								-	-	-	-
A7.5.3.7. Elevator snubber								-	-	-	-
A7.5.4. Inspect flight controls TR: Applicable aircraft -6 TOs											
A7.5.5. Lubricate flight controls								-	-	-	-
A7.5.6. Rig flight controls								-	-	-	-
A7.5.7. Troubleshoot flight control systems								-	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.6. HYDRAULIC SYSTEMS TR: Applicable -2 TOs											
A7.6.1. Hydraulic components and system operation								A	-	-	-
A7.6.2. Service hydraulic system											
A7.6.2.1. Reservoir	*							2b	-	-	-
A7.6.2.2. Accumulator	*							2b	-	-	-
A7.6.2.3. Drain reservoir								-	-	-	-
A7.6.3. Inspect major components TR: Applicable -6 TOs								2b	-	-	-
A7.6.4. Operate											
A7.6.4.1. Engine driven pump								-	-	-	-
A7.6.4.2. Non-engine driven pump	*							2b	-	-	-
A7.6.5. Troubleshoot hydraulic system								-	-	-	-
A7.6.6. Remove and install accumulator								-	-	-	-
A7.7. ENGINES TR: AFI 11-218, AFOSH Std 91-100 applicable aircraft -2 TOs,											
A7.7.1. Engine and Auxiliary Power Unit (APU) components and system operation								A	-	-	-
A7.7.2. Perform											
A7.7.2.1. Engine operational check								-	-	-	-
A7.7.2.2. Engine trim								-	-	-	-
A7.7.2.3. Adjust main engine control								-	-	-	-
A7.7.2.4. Engine motor wet								-	-	-	-
A7.7.2.5. Engine motor dry								-	-	-	-
A7.7.2.6. Audible ignition check								-	-	-	-
A7.7.2.7. Alternate engine start								-	-	-	-
A7.7.3. Operate											
A7.7.3.1. Engine and subsystems								-	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.7.3.2. Auxiliary Power Unit (if equipped)	*							-	-	-	-
A7.7.4. Service											
A7.7.4.1. Oil system	*							b	-	-	-
A7.7.4.2. Constant speed drive/integrated drive generator								-	-	-	-
A7.7.4.3. Gear box								-	-	-	-
A7.7.4.4. Auxiliary Power Unit (if equipped)								-	-	-	-
A7.7.5. Remove and install											
A7.7.5.1. Starter								-	-	-	-
A7.7.5.2. Starter cartridge								-	-	-	-
A7.7.5.3. Minor components								-	-	-	-
A7.7.6. Take engine oil sample TR: TO 42B2-1-9, 33-1-37								-	-	-	-
A7.7.7. Inspect chip detectors								b	-	-	-
A7.7.8. Inspect installed engine TR: Applicable aircraft -6 TOs											
A7.7.8.1. Turbine								1b	-	-	-
A7.7.8.2. Compressor								1b	-	-	-
A7.7.8.3. Blend blades								-	-	-	-
A7.7.9. Inspect Auxiliary Power Unit TR: Applicable -6 TOs								2b	-	-	-
A7.8. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds; TO 00-25-172, Applicable aircraft TOs											
A7.8.1. Fuel components and system operation								A	-	-	-
A7.8.2. Ground transfer fuel											
A7.8.2.1. Wing tank transfer	*							b	-	-	-
A7.8.2.2. Body tank transfer								-	-	-	-
A7.8.3. Refuel aircraft											
A7.8.3.1. Team member	*							b	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.8.3.2. Team panel operator	*							b	-	-	-
A7.8.3.3. Team supervisor		*						-	-	-	-
A7.8.4. Defuel aircraft											
A7.8.4.1. Team member	*R							b	-	-	-
A7.8.4.2. Team panel operator	*R							b	-	-	-
A7.8.4.3. Team supervisor		*R						-	-	-	-
A7.8.4.4. Refuel and defuel JP-7/dissimilar fuels											
A7.8.4.4.1. Supervisor								-	-	-	-
A7.8.4.4.2. Panel operator								-	-	-	-
A7.8.4.4.3. Ground observer/panel operator								-	-	-	-
A7.8.4.4.4. Defuel station monitor (vehicle, overfill monitor)								-	-	-	-
A7.8.5. Prepare aircraft for fuel cell maintenance								-	-	-	-
A7.8.6. Inspect fuel system TR: Applicable aircraft -6 TO								1b	-	-	-
A7.8.7. In-Flight Refueling (IFR) system (TR as applicable)											
A7.8.7.1. IFR receiver system											
A7.8.7.1.1. Inspect								-	-	-	-
A7.8.7.1.2. Operate								-	-	-	-
A7.8.7.2. Boom											
A7.8.7.2.1. Inspect	*							2b	-	-	-
A7.8.7.2.2. Install/remove boom sling	*							2b	-	-	-
A7.8.7.2.3. Drain								b	-	-	-
A7.8.7.2.4. Service shock absorber								2b	-	-	-
A7.8.7.2.5. Service boom hoist reservoir								b	-	-	-
A7.8.7.2.6. Service surge boots								2b	-	-	-

# C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.8.7.2.7. Remove/install ruddevators								-	-	-	-
A7.8.7.2.8. Remove/install nozzle								-	-	-	-
A7.8.7.3. Drogue											
A7.8.7.3.1. Remove and install	*R							-	-	-	-
A7.8.7.3.2. Perform breakaway test								-	-	-	-
A7.9. ELECTRICAL SYSTEMS TR: Applicable aircraft -2 TOs											
A7.9.1. Electrical components and system operation								A	-	-	-
A7.9.2. Switch guards								A	-	-	-
A7.9.3. Perform operational check											
A7.9.3.1. Electrical power supply system								-	-	-	-
A7.9.3.2. Lighting system	*							2b	-	-	-
A7.9.3.3. Indicator warning lights								-	-	-	-
A7.9.4. Remove and install											
A7.9.4.1. Light lenses	*							-	-	-	-
A7.9.4.2. Light bulbs	*							-	-	-	-
A7.9.4.3. Batteries	*							2b/b	-	-	-
A7.9.5. Use wiring diagrams								-	-	-	-
A7.9.6. Inspect TR: Applicable aircraft -6 TOs											
A7.9.6.1. Components								-	-	-	-
A7.9.6.2. Wiring and connectors								-	-	-	-
A7.9.7. Connect/apply and disconnect external electrical power	*							2b	-	-	-
A7.10. EGRESS SYSTEM TR: Applicable aircraft -2 TOs											
A7.10.1. Egress components and system operation								A	-	-	-
A7.10.2. Inspect TR: Applicable aircraft -6 TOs								-	-	-	-

## C-135 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References											
A7.10.3. Remove/install emergency escape slides								-	-	-	-
A7.10.4. Remove/install emergency exit spoiler bottle								-	-	-	-

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC

NOTE: This attachment is used in conjunction with Attachment 2.

A8.1. MAINTENANCE MATERIALS AND TOOLS TR: TO 1-1A-8, 1-1A-14, 1-1-691, 1C-141B-2-00GE-00-1 and 32-series TOs as applicable											
A8.1.1. Use hardware and securing devices	*							2b	-	-	-
A8.1.2. Select and use aircraft sealants								b	-	-	-
A8.1.3. Use restraint harnesses								2b	-	-	-
A8.2. MAINTENANCE MANAGEMENT											
A8.2.1. Maintenance data collection/GO81 TR: AFI 21-101, TO 00-20-2, 00-20-5, 1C-141B-06, on-line help screens											
A8.2.1.1. Maintenance Data Collection (GO81)	*							A	-	-	-
A8.2.1.2. 9050-Open aircraft discrepancies	*							2b	-	-	-
A8.2.1.3. 9010-Close aircraft discrepancies	*							2b	-	-	-
A8.2.1.4. 9099-MDC/close aircraft discrepancy	*							2b	-	-	-
A8.2.1.5. 8063-Jobs closed, no MDC taken list	*							2b	-	-	-
A8.2.2. Research parts TR: AFI 21-101, TO 00-20- series, 1C-141B-series TOs as applicable											
A8.2.2.1. 9128-Build repairable item processing tag (AFTO Form 350)	*							A	-	-	-
A8.2.2.2. 8044-Supply information on a particular aircraft		*						A	-	-	-
A8.2.2.3. 8057-Tail number bin (TNB) list		*						A	-	-	-
A8.2.2.4. Documenting AF Form 2413, Supply Ordering	*							A	-	-	-
A8.2.3. Maintain aircraft records TR: TO 00-20 Series											

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.2.3.1. 9032F-Generate and document aircraft flying forms	*							A	-	-	-
A8.2.3.2. 9203-JOAP sample form	*							A	-	-	-
A8.2.3.3. Documenting AF Form 1492, Warning Tag	*							A	-	-	-
<b>A8.3. AIRCRAFT GENERAL</b>											
A8.3.1. Safety precautions TR: AFOSH Std 91 series, TO 00-25-172											
A8.3.1.1. Danger areas								B	-	-	-
A8.3.1.2. Accident prevention								B	-	-	-
A8.3.2. Prevent FOD TR: AFI-21-101								2b	-	-	-
A8.3.3. Use technical orders TR: TO 00-5-1, 00-5-2, 00-5-18	*							2b	-	-	-
A8.3.4. Detect corrosion TR: TO 1-1-691	*							2b	-	-	-
A8.3.5. Isochronal inspections TR: TO 00-20-5, 1C-141B-6WC-1, 1C-141B-6WC-2											
A8.3.5.1. Isochronal inspection concept								B	-	-	-
A8.3.5.2. Perform preflight inspection	*							2b	-	-	-
A8.3.5.3. Perform thru flight inspection	*							2b	-	-	-
A8.3.5.4. Perform basic post flight inspection	*							2b	-	-	-
A8.3.5.5. Perform home station check								-	-	-	-
A8.3.5.6. Perform major isochronal inspection								-	-	-	-
A8.3.5.7. Perform acceptance inspection								-	-	-	-
A8.3.5.8. Perform calendar inspection								-	-	-	-
A8.3.5.9. Perform special inspection								-	-	-	-
A8.3.5.10. Perform time change item								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.3.6. Communications systems TR: TO 1C-141B-2-23JG-40-1											
A8.3.6.1. Operate UHF radio	*							-	-	-	-
A8.3.6.2. Operate VHF radio	*							-	-	-	-
A8.3.6.3. Operate interphone	*							2b	-	-	-
A8.3.7. Ground handling TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-12JG-10-2, 1C-141B-2-10JG-00-1											
A8.3.7.1. Launch aircraft	*							A	-	-	-
A8.3.7.2. Recover aircraft	*							A	-	-	-
A8.3.7.3. Statically ground aircraft	*							2b	-	-	-
A8.3.7.4. Tow aircraft TR: TO 1C-141B-2-09JG-00-1											
A8.3.7.4.1. Tow procedures								B	-	-	-
A8.3.7.4.2. Prepare aircraft for tow	*							2b	-	-	-
A8.3.7.4.3. Wing/tail walker	*							B	-	-	-
A8.3.7.4.4. Brake operator	*							B	-	-	-
A8.3.7.4.5. Panel operator	*R							-	-	-	-
A8.3.7.4.6. Tow supervisor		*R						-	-	-	-
A8.3.7.4.7. Tow vehicle operator	*R							-	-	-	-
A8.3.7.5. Moor aircraft TR: TO 1C-141B-2-10JG-00-1	*							2b	-	-	-
A8.3.7.6. Jack aircraft TR: TO 1C-141B-2-07JG-00-1											
A8.3.7.6.1. Aircraft jacking								B	-	-	-
A8.3.7.6.2. Wing jack team member	*							-	-	-	-
A8.3.7.6.3. Nose jack team member	*							2b	-	-	-
A8.3.7.6.4. Jacking supervisor								-	-	-	-
A8.3.7.6.5. Axle jacking	*							2b	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.3.7.7. Marshall aircraft TR: AFI 11-218	*							B	-	-	-
A8.3.8. Reconfigure aircraft TR: TO 1C-141B-2-25JG-90-1											
A8.3.8.1. Remove/install troop/passenger seats	*							2b	-	-	-
A8.3.8.2. Inspect/remove/install -21 equipment								-	-	-	-
A8.3.8.3. Configure for aero medical evacuation								-	-	-	-
A8.3.8.4. Configure for rolling stock/palletized cargo								-	-	-	-
A8.3.8.5. Configure for troop drop								-	-	-	-
A8.3.8.6. Configure for aerial delivery system (ADS)								-	-	-	-
A8.3.8.7. Configure for container delivery system								-	-	-	-
A8.3.8.8. Configure for distinguished visitor (DV)								-	-	-	-
A8.3.9. Cargo Winch TR: TO 1C-141B-2-25JG-50-1											
A8.3.9.1. Operate								2b	-	-	-
A8.3.9.2. Service/repair								-	-	-	-
A8.3.9.3. Remove/install								2b	-	-	-
A8.3.10. Assist in weight and balance								-	-	-	-
A8.3.11. Debrief aircrews								-	-	-	-
A8.3.12. Galley and equipment											
A8.3.12.1. Remove and install								-	-	-	-
A8.3.12.2. Inspect/operational check								-	-	-	-
A8.3.13. Lavatory and waste system TR: TO 1C-141B-2-25JG-00-1											
A8.3.13.1. Remove and install crew latrine								2b	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.3.13.2. Inspect/operational check components								-	-	-	-
A8.3.14. Potable water system											
A8.3.14.1. Remove and install potable water tank								-	-	-	-
A8.3.14.2. Inspect/operational check system								-	-	-	-
A8.3.15. Remove/install/repair											
A8.3.15.1. Cargo rollers								-	-	-	-
A8.3.15.2. Cargo rails								-	-	-	-
A8.3.15.3. Restraint locks								-	-	-	-
A8.3.15.4. Troubleshoot/adjust rails								-	-	-	-
A8.4. AIRFRAME SYSTEMS											
A8.4.1. Airframe components and structure TR: TO 1C-141B-2-00GE-00-1								B	-	-	-
A8.4.2. Door system principles of operation TR: TO 1C-141B-2-52JG-10-1, 1C-141B-2-52JG-00-1											
A8.4.2.1. Crew entry door/troop doors								B	-	-	-
A8.4.2.2. Cargo doors/ramp								B	-	-	-
A8.4.2.3. Pressure door principles of operation								-	-	-	-
A8.4.2.4. Petal doors principles of operation								-	-	-	-
A8.4.2.5. Troubleshoot petal doors								-	-	-	-
A8.4.3. Open and close TR: TO 1C-141B-2-05JG-00-1, 1C-141B-2-52JG-10-1, 1C-141B-2-52JG-20-1, 1C-141B-2-52JG-30-1											
A8.4.3.1. Cargo doors (normal mode)	*							2b	-	-	-
A8.4.3.2. Cargo doors (manual)	*							-	-	-	-
A8.4.3.3. Paratroop doors	*							2b	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.4.3.4. Crew entry door	*							2b	-	-	-
A8.4.3.5. Emergency exits	*							2b	-	-	-
A8.4.3.6. Radome								2b	-	-	-
A8.4.3.7. Fuselage cabin windows								-	-	-	-
A8.4.3.8. Fuselage doors								-	-	-	-
A8.4.3.9. Escape hatches								-	-	-	-
A8.4.3.10. Fuselage tail cone assembly								-	-	-	-
A8.4.3.11. Pilot/co-pilot sliding windows								-	-	-	-
A8.4.4. Remove and install TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-52JG-10-1, 1C-141B-2-56JG-00-1, 1C-141B-2-25JG-60-1											
A8.4.4.1. Aircraft panels	*							2b	-	-	-
A8.4.4.2. Crew member/passenger seats	*							2b	-	-	-
A8.4.4.3. Windshield								b	-	-	-
A8.4.4.4. Wing life rafts	*							2b	-	-	-
A8.4.4.5. Aft upper deck life rafts	*							2b	-	-	-
A8.4.4.6. Upper hatch life rafts	*							2b	-	-	-
A8.4.4.7. Pressure seals								-	-	-	-
A8.4.4.8. Pilot/co-pilot sliding windows								-	-	-	-
A8.4.4.9. Flight station windshields								-	-	-	-
A8.4.4.10. Fuselage/cabin windows								-	-	-	-
A8.4.4.11. Fuselage doors								-	-	-	-
A8.4.4.12. Fuselage doors seals								-	-	-	-
A8.4.4.13. Escape hatches								-	-	-	-
A8.4.4.14. Escape hatch seals								-	-	-	-
A8.4.4.15. Fuselage tail cone assembly								-	-	-	-
A8.4.4.16. Troop door								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.4.4.17. Crew entry door								-	-	-	-
A8.4.4.18. Crew door/flight station ladder assemblies								-	-	-	-
A8.4.5. Inspect TR: TO 1C-141B-2-52JG-10-1, 1C-141B-2-56JG-00-1											
A8.4.5.1. Crew member/passenger seats								-	-	-	-
A8.4.5.2. Windshield								-	-	-	-
A8.4.5.3. Pressure seals								-	-	-	-
A8.4.5.4. Pilot/co-pilot sliding windows								-	-	-	-
A8.4.5.5. Fuselage/cabin windows								-	-	-	-
A8.4.5.6. Fuselage doors								-	-	-	-
A8.4.5.7. Fuselage doors seals								-	-	-	-
A8.4.5.8. Escape hatches								-	-	-	-
A8.4.5.9. Escape hatch seals								-	-	-	-
A8.4.5.10. Fuselage tail cone assembly								-	-	-	-
A8.4.5.11. Troop door								-	-	-	-
A8.4.5.12. Crew entry door								-	-	-	-
A8.4.5.13. Crew door/flight station ladder assemblies								-	-	-	-
A8.4.5.14. Mechanical lock indicators fuselage doors/hatches								-	-	-	-
A8.4.6. Lubricate TR: TO 1C-141B-2-12JG-20-1											
A8.4.6.1. Airframe and landing gear components								2b	-	-	-
A8.4.6.2. Flight control components								-	-	-	-
A8.4.7. Perform cold weather procedures								-	-	-	-
A8.4.8. Inspect crew/passenger comfort facilities								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.4.9. Rig											
A8.4.9.1. #2 escape hatch								-	-	-	-
A8.4.9.2. Troop door								-	-	-	-
A8.4.9.3. Crew entry door								-	-	-	-
A8.4.9.4. Aft loading ramp lock mechanism								-	-	-	-
A8.4.9.5. Pressure door actuator		*						-	-	-	-
A8.4.10. Inspect exterior panels		*						-	-	-	-
A8.4.11. Troubleshoot cargo door system								-	-	-	-
A8.5. LANDING GEAR SYSTEMS											
A8.5.1. Landing gear components and system operation TR: TO 1C-141B-2-32GS-00-1								B	-	-	-
A8.5.2. Operate TR: TO 1C-141B-2-32JG-40-1, 1C-141B-2-32JG-50-1 1C-141B-2-23JG-10-1											
A8.5.2.1. Landing gear								-	-	-	-
A8.5.2.2. Brakes		*						2b	-	-	-
A8.5.2.3. Steering system								-	-	-	-
A8.5.2.4. Anti skid system								-	-	-	-
A8.5.2.5. Landing gear retract supervisor								-	-	-	-
A8.5.2.6. Landing gear retract team member								-	-	-	-
A8.5.3. Rig and adjust											
A8.5.3.1. Landing gear assembly								-	-	-	-
A8.5.3.2. Door assemblies								-	-	-	-
A8.5.3.3. Emergency extension systems								-	-	-	-
A8.5.3.4. Parking brake cable								-	-	-	-
A8.5.4. Inflate TR: TO 1C-141B-2-07JG-00-1 1C-141B-2-12JG-10-1											

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.5.4.1. Shock strut	*							2b	-	-	-
A8.5.4.2. Axle beam (bogie) positioner	*							2b	-	-	-
A8.5.4.3. Tires	*							2b	-	-	-
A8.5.5. Disconnect/connect TR: TO 1C-141B-2-32JG-10-2, 1C-141B-2-32JG-20-1, 1C-141B-2-32JG-20-2											
A8.5.5.1. NLG torque arms	*							2b	-	-	-
A8.5.5.2. Right NLG door	*							2b	-	-	-
A8.5.5.3. MLG doors	*							2b	-	-	-
A8.5.6. Remove and install TR: TO 1C-141B-2-32JG-20-1, 1C-141B-2-32JG-40-1											
A8.5.6.1. Main wheel and tire assembly	*							2b	-	-	-
A8.5.6.2. Nose wheel and tire assembly	*							2b	-	-	-
A8.5.6.3. Brake assembly								2b	-	-	-
A8.5.6.4. Brake hose								2b	-	-	-
A8.5.6.5. Brake swivel fitting								2b	-	-	-
A8.5.6.6. Main landing gear aft support structure								-	-	-	-
A8.5.6.7. Main landing gear door bell crank drive assembly								-	-	-	-
A8.5.6.8. Parking brake cable								-	-	-	-
A8.5.6.9. Landing gear doors								-	-	-	-
A8.5.6.10. Door locking mechanisms								-	-	-	-
A8.5.6.11. Steering components								-	-	-	-
A8.5.6.12. Trunion assembly								-	-	-	-
A8.5.6.13. Landing gear assembly								-	-	-	-
A8.5.6.14. Emergency extension components								-	-	-	-
A8.5.6.15. Torque arms								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E			
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
A8.5.6.16. Drag brace								-	-	-
A8.5.6.17. Uplock/downlock assemblies								-	-	-
A8.5.7. Brake bleeding TR: TO 1C-141B-2-32JG-40-1								2b	-	-
A8.5.8. Reset brake fuse TR: TO 1C-141B-2-32JG-40-1	*							2b	-	-
A8.5.9. Determine serviceability of tires TR: TO 4T-1-3								2b	-	-
A8.5.10. Troubleshoot								-	-	-
A8.5.11. Rig and adjust nose wheel steering sprocket wheel drive								-	-	-
<b>A8.6. UTILITY SYSTEMS</b>										
A8.6.1. Utility components and system operation TR: TO 1C-141B-2-21GS-00-1, 1C-141B-2-26GS-00-1, 1C-141B-2-30GS-00-1, 1C-141B-2-35GS-00-1										
A8.6.1.1. Bleed air system								B	-	-
A8.6.1.2. Wing overheat warning system								B	-	-
A8.6.1.3. Air conditioning system								B	-	-
A8.6.1.4. Pressurization system								B	-	-
A8.6.1.5. Anti-ice/de-ice system								B	-	-
A8.6.1.6. Rain removal system								B	-	-
A8.6.1.7. Fire/overheat warning/extinguishing system								B	-	-
A8.6.1.8. Smoke detection system								B	-	-
A8.6.1.9. Oxygen system								B	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.6.2. Operate TR: TO 1C-141B-2-12JG-10-1, 1C-141B-2-21JG-10-1, 1C-141B-2-21JG-50-1, 1C-141B-2-26JG-10-1, 1C-141B-2-30JG-10-1, 1C-141B-2-30JG-40-1, 1C-141B-2-35JG-10-1											
A8.6.2.1. Bleed air system								2b	-	-	-
A8.6.2.2. Air conditioning system								2b	-	-	-
A8.6.2.3. Pressurization system								-	-	-	-
A8.6.2.4. Rain removal system								-	-	-	-
A8.6.2.5. Oxygen system								-	-	-	-
A8.6.2.6. Anti-ice/de-ice systems								-	-	-	-
A8.6.2.7. Fire/overheat warning systems								2b	-	-	-
A8.6.2.8. Smoke detection system								2b	-	-	-
A8.6.2.9. Wing overheat warning system								2b	-	-	-
A8.6.2.10. Fire extinguishing system	*							-	-	-	-
A8.6.3. Service oxygen system	*							2b	-	-	-
A8.6.4. Remove/service/install portable oxygen bottles/unit								-	-	-	-
A8.7. FLIGHT CONTROL SYSTEMS TR: 1C-141B-2-27GS-00-1, 1C-141B-2-27JG-00-1, 1C-141B-2-27JG-50-2											
A8.7.1. Flight control components and system operation								B	-	-	-
A8.7.2. Operate flight controls	*							2b	-	-	-
A8.7.3. Reset a flap asymmetry								B	-	-	-
A8.7.4. Rig and adjust flight controls								B	-	-	-
A8.7.5. Troubleshoot flight controls								-	-	-	-
A8.7.6. Remove and install flight control components											
A8.7.6.1. Flap torque limiter								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E			
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
A8.7.6.2. Flap jackscrew/transmitter screw assembly								-	-	-
A8.7.6.3. Roll link dampen								-	-	-
A8.7.6.4. Spoiler panels								-	-	-
A8.7.6.5. Aileron control wheel								-	-	-
A8.7.6.6. Control column/stick assembly								-	-	-
A8.7.6.7. Cable tension regulator								-	-	-
A8.7.7. Rudder pedal adjustment								-	-	-
A8.8. HYDRAULIC SYSTEMS TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-29GS-00-1										
A8.8.1. Hydraulic components and system operation								B	-	-
A8.8.2. Hydraulic schematic symbols								B	-	-
A8.8.3. Service TR: TO 1C-141B-2-12JG-10-1										
A8.8.3.1. Reservoir	*							2b	-	-
A8.8.3.2. Accumulator	*							2b	-	-
A8.8.4. Operate non-engine driven pump TR: TO 1C-141B-2-29JG-10-1-1	*							2b	-	-
A8.8.5. Reposition/re-torque lines for minor leaks TR: TO 1C-141B-2-00GE-00-1	*							2b	-	-
A8.8.6. Remove and install TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-29JG-10-1-1										
A8.8.6.1. Tubing	*							2b	-	-
A8.8.6.2. Fittings	*							2b	-	-
A8.8.6.3. Filter elements	*							2b	-	-
A8.8.7. Troubleshoot								-	-	-
A8.9. ENGINES										

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.9.1. Engine and auxiliary power unit (APU) components and system operation TR: TO 1C-141B-2-49GS-00-1								B	-	-	-
A8.9.2. Operate TR: TO 1C-141B-2-49JG-10-1-1											
A8.9.2.1. Engine								-	-	-	-
A8.9.2.2. Auxiliary power unit	*R							2b	-	-	-
A8.9.3. Service TR: TO 1C-141B-2-12JG-10-1											
A8.9.3.1. Oil tank	*							2b/b	-	-	-
A8.9.3.2. Constant speed drive tank	*							2b/b	-	-	-
A8.9.3.3. Auxiliary power unit	*							2b	-	-	-
A8.9.3.4. Starter								-	-	-	-
A8.9.4. Remove and install TR: TO 1C-141B-2-71JG-00-1, 1C-141B-2-73JG-00-1, 1C-141B-2-78JG-00-1, 1C-141B-2-79JG-00-1, 1C-141B-2-80JG-00-1											
A8.9.4.1. Starter								-	-	-	-
A8.9.4.2. Starter control valve								-	-	-	-
A8.9.4.3. Fuel filter								-	-	-	-
A8.9.4.4. Oil filter								-	-	-	-
A8.9.4.5. Forward cowl door								-	-	-	-
A8.9.4.6. Nose dome								-	-	-	-
A8.9.4.7. Thrust reverser fairing door								-	-	-	-
A8.9.4.8. Cowling locks								-	-	-	-
A8.9.4.9. Throttle control cable								-	-	-	-
A8.9.4.10. Throttle cable tension regulator								-	-	-	-
A8.9.4.11. Emergency shutoff "T" handle cable								-	-	-	-
A8.9.4.12. Blend compressor/stator/fan blades								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT							4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.9.4.13. Rig/adjust throttle cable/tension regulator								-	-	-	-
A8.9.4.14. Aft cowl door	*							-	-	-	-
A8.9.5. Adjust cowl door latch TR: TO 1C-141B-2-71JG-00-1	*							2b	-	-	-
A8.9.6. Open and close TR: TO 1C-141B-2-71JG-00-1, 1C-141B-2-78JG-00-1											
A8.9.6.1. Forward cowl door	*							2b	-	-	-
A8.9.6.2. Aft cowl door	*							2b	-	-	-
A8.9.6.3. Thrust reverser fairing door	*							2b	-	-	-
A8.9.6.4. Engine accessory doors	*							2b	-	-	-
A8.9.7. Take JOAP sample TR: TO 33-1-37	*							2b	-	-	-
A8.9.8. Inspect installed engine								-	-	-	-
A8.9.9. Inspect auxiliary power unit								-	-	-	-
A8.9.10. Deactivate thrust reverser system TR: TO 1C-141B-2-78JG-00-1	*							2b	-	-	-
A8.10. FUEL SYSTEM TR: TO 1C-141B-2-28GS-00-1, 1C-141B-2-12JG-10-1											
A8.10.1. Fuel components and system operation								B	-	-	-
A8.10.2. Perform ground transfer of fuel	*							-	-	-	-
A8.10.3. Drain fuel sumps								-	-	-	-
A8.10.4. Refuel aircraft TR: TO 1C-141B-2-12 JG-10-1											
A8.10.4.1. Preparation								b	-	-	-
A8.10.4.2. Panel operator	*							b	-	-	-
A8.10.4.3. Supervisor		*						-	-	-	-
A8.10.4.4. Perform duties of a concurrent servicing supervisor (CSS)								-	-	-	-

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.10.5. Defuel aircraft TR: TO 1C-141B-2-12 JG-10-1											
A8.10.5.1. Preparation	*						b	-	-	-	-
A8.10.5.2. Panel operator	*						b	-	-	-	-
A8.10.5.3. Supervisor		*R					-	-	-	-	-
A8.10.6. Prepare aircraft for fuel cell maintenance							-	-	-	-	-
A8.10.7. In-flight refueling system TR: TO 1C-141B-2-28GS-00-1											
A8.10.7.1. Location of components and system operation							B	-	-	-	-
A8.10.7.2. Operate							-	-	-	-	-
A8.10.8. Troubleshoot fuel system							-	-	-	-	-
A8.11. ELECTRICAL SYSTEM TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-24GS-00-1											
A8.11.1. Electrical system components and system operation							B	-	-	-	-
A8.11.2. Electrical schematic symbols							B	-	-	-	-
A8.11.3. Remove and install TR: TO 1C-141B-2-00GE-00-1, 1C-141B-2-24JG-20-1											
A8.11.3.1. Light lenses	*						2b	-	-	-	-
A8.11.3.2. Light bulbs	*						2b	-	-	-	-
A8.11.3.3. Strobe anti-collision bulb	*						2b	-	-	-	-
A8.11.3.4. Battery	*						2b	-	-	-	-
A8.11.4. Operate lighting systems	*						2b	-	-	-	-
A8.11.5. Apply/disconnect external electrical power TR: TO 1C-141B-2-05JG-00-1	*						2b	-	-	-	-
A8.11.6. Troubleshoot							-	-	-	-	-
A8.12. EGRESS SYSTEM TR: TO 1C-141B-2-25JG-60-1											

STS 2A5X1  
(Attachment 8)

# C-141 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.12.1. Egress system components and system operation								B	-	-	-
A8.12.2. Inspect egress system components								2b	-	-	-
A8.12.3. Operate egress system components								2b	-	-	-
A8.13. AEROSPACE GROUND EQUIPMENT TR: AFOSH Std 91-66 as applicable											
A8.13.1. Inspect and operate maintenance stands TR: AFOSH std 91-2, TO 35A4 series as applicable								2b	-	-	-
A8.13.2. Inspect and operate aircraft jacks TR: TO 35A2 series as applicable								2b	-	-	-
A8.13.3. Inspect and operate MC-1A/MC2A air compressor TR: TO 34Y1 series as applicable								2b	-	-	-
A8.13.4. Inspect and operate H-1 heater TR: TO 35E7 series as applicable								2b	-	-	-
A8.13.5. Inspect and operate A/M32A-86 electric generator TR: TO 35 series as applicable								2b	-	-	-
A8.13.6. Inspect and operate portable lighting equipment TR: TO 35F5 series as applicable								2b	-	-	-
A8.13.7. Inspect and operate AM32A-95 gas turbine compressor TR: TO 35D12 series as applicable								2b	-	-	-
A8.13.8. Inspect and operate LN-2 liquid nitrogen cart TR: TO 35D3 series as applicable								2b	-	-	-
A8.13.9. Inspect and operate liquid oxygen servicing cart TR: TO 37C series as applicable, 15X-1-1								2b	-	-	-
A8.13.10. Inspect and position ground fire extinguisher TR: AFI 32-2001, TO 0025-172								2b	-	-	-

STS 2A5X1  
(Attachment 8)

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References										
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC

NOTE 1: This attachment is to be used in conjunction with Attachment 2.

A9.1. AIRCRAFT GENERAL										
A9.1.1. Safety precautions										
A9.1.1.1. Safe for maintenance	*							3c	-	-
A9.1.1.1.1. Statically ground aircraft TR: 00-25-172								3c	-	-
A9.1.1.1.2. Remove/install ground safety locks TR: 1C-17A-2-05JG-10-1	*							3c	-	-
A9.1.1.2. Danger areas TR: 1C-17-2-00GV-00-1, Ch3								B	-	-
A9.1.1.3. Aircraft containing ammunition/explosives TR: AFOSH Std 91-100, TO 05-10-05								B	-	-
A9.1.1.4. Radar TR: 1C-17-2-00GV-00-1								B	-	-
A9.1.2. Use C-17 technical orders TR: 1C-17-2-00GV-00-1, Ch 1								B	-	-
A9.1.3. Isochronal inspections										
A9.1.3.1. Perform inspections	*							-	-	-
A9.1.3.1.1. Preflight TR: 1C-17A-6WC-1, Section I	*							2b	-	-
A9.1.3.1.2. Thruflight TR: 1C-17A-6WC-1, Section II	*							-	-	-
A9.1.3.1.3. Quick turn-around TR: 1C-17A-6WC	*							-	-	-
A9.1.3.1.4. Post flight (BPO) TR: 1C-17A- 6WC-1, Section III	*							-	-	-
A9.1.3.1.5. Post flight/ preflight (BPO/Pre) TR: 1C-17A-6WC-1, Section IV	*							-	-	-
A9.1.3.1.6. Home station check TR: 1C-17A-6WC-2								-	-	-
A9.1.3.1.7. Acceptance TR: 1C-17A-6, Chapter 2, Part B								-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.1.3.2 Special											
A9.1.3.2.1. Time replacement item TR: 1C-17A-6, Chapter 3								-	-	-	-
A9.1.3.2.2. Excessive taxiing maneuvers inspection TR: 1C-17A-6, Chapter 2, Part A5								-	-	-	-
A9.1.3.2.3. Flap overspeed inspection TR: 1C-17A-6, Chapter 2, Part A6								-	-	-	-
A9.1.3.2.4. Slat overspeed inspection TR: 1C-17A-6, Chapter 2, Part A7								-	-	-	-
A9.1.3.2.5. Landing gear overspeed inspection TR: 1C-17A-6, Chapter 2, Part A8								-	-	-	-
A9.1.3.2.6. Inspect aircraft for terrain damage TR: 1C-17A-6, Chapter 1, Part G								-	-	-	-
A9.1.3.2.7. Hard landing inspection TR: 1C-17A-6, Chapter 2, Part A1								-	-	-	-
A9.1.4. Integrated avionics											
A9.1.4.1. Operate radio											
A9.1.4.1.1. IRMS TR: 23-81-02	*							3c	-	-	-
A9.1.4.1.2. UHF TR: 23-13-02	*							3c	-	-	-
A9.1.4.1.3. VHF TR: 23-12-02								-	-	-	-
A9.1.4.1.4. COMM TR: 23-15-02-3								-	-	-	-
A9.1.4.1.5. ARC-210 TR: 23-15-02-4								-	-	-	-
A9.1.4.2. Operate mission computing systems (MCD/MCK) TR: 34-62-02	*							3c	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.1.4.3.	Operate Multi Function Display (MFD) TR: 31-62-02	*						3c	-	-	-
A9.1.4.4.	Operate Maintenance Monitor Panel (MMP) TR: 40-21-10	*						3c	-	-	-
A9.1.4.5.	Operate interphone system TR: 23-41-02, 23-51-02							3c	-	-	-
A9.1.4.6.	Perform proper handling of ESD devices TR: 00-25-234							-	-	-	-
A9.1.5.	Perform ground handling										
A9.1.5.1.	Launch aircraft TR: 1C-17A-2-10JG-50-1	*						3c	-	-	-
A9.1.5.2.	Recover aircraft TR: 1C-17A-2-10JG-10-1	*						3c	-	-	-
A9.1.5.3.	Tow aircraft TR: 09-11-01, 09-11-02										
A9.1.5.3.1.	Tow vehicle operator							-	-	-	-
A9.1.5.3.2.	Prepare aircraft for tow	*						3c	-	-	-
A9.1.5.3.3.	Wing/tail walker	*						3c	-	-	-
A9.1.5.3.4.	Brake operator	*						2b	-	-	-
A9.1.5.3.5.	Tow team supervisor	*R						-	-	-	-
A9.1.5.3.6.	Hand pump operator	*						-	-	-	-
A9.1.5.4.	Moor aircraft TR: 10-11-01	*						-	-	-	-
A9.1.5.5.	Fuselage jack aircraft TR: 07-11-02										
A9.1.5.5.1.	Jack operator							-	-	-	-
A9.1.5.5.2.	Jacking supervisor							-	-	-	-
A9.1.5.5.3.	Jacking manifold operator							-	-	-	-
A9.1.5.5.4.	Plumb bob monitor							-	-	-	-
A9.1.5.5.5.	Fwd fuselage jacking supervisor							-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.1.5.6. MLG jacking (integral) TR: 07-12-01	*										
A9.1.5.6.1. Integral jacking supervisor		*R						-	-	-	-
A9.1.5.6.2. Integral jacking team member	*							2b	-	-	-
A9.1.5.7. NLG axle jacking TR: 07-12-02	*							3c	-	-	-
A9.1.6. Cargo winch											
A9.1.6.1. Operational checkout TR: 41-24-01	*							3c	-	-	-
A9.1.6.2. Service cargo winch TR: 12-41-01	*							3c	-	-	-
A9.1.6.3. Remove and install TR: 41-24-10								-	-	-	-
A9.1.7. Lubricate aircraft TR: 1C-17A-6WC-4								-	-	-	-
A9.1.8. Cargo handling and mission systems											
A9.1.8.1. Remove/install cargo rails TR: 41-11-11, 41-11-12	*							-	-	-	-
A9.1.8.2. Remove/install restraint locks TR: 41-11-14, 41-11-13								-	-	-	-
A9.1.9. Configure/reconfigure aircraft											
A9.1.9.1. Aeromedical evacuation TR: 10-74-01	*							3c	-	-	-
A9.1.9.2. Logistics TR: 10-75-01	*							3c	-	-	-
A9.1.9.3. Passenger/personnel TR: 10-76-01								-	-	-	-
A9.1.9.4. Troop drop TR: 10-73-01	*							3c	-	-	-
A9.1.9.5. Aerial Delivery System (ADS) TR: 10-71-01	*							3c	-	-	-
A9.1.9.6. Container Delivery System (CDS) TR: 10-77-01	*							3c	-	-	-
A9.1.9.7. Distinguished Visitor (DV) TR: 10-78-01-3, -4, 10-79-02								-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A9.1.9.8. Low altitude parachute extraction System (LAPES) drop TR: 10-79-01								-	-	-
A9.1.9.9. Stow buffet/lav unit TR: 10-78-01-1, -2								-	-	-
A9.1.10. Configuration operations										
A9.1.10.1. Support/stab strut for cargo TR: 41-22-02, 04-4								-	-	-
A9.1.10.2. Logistics /ADS lock actuator TR: 41-11-12-1-3, 41-11-10-1-1								-	-	-
A9.1.10.3. Cargo ramp logistics/ADS lock actuator TR: 41-11-17								-	-	-
A9.1.10.4. ADS locks control panel TR: 41-11-10-1-1								-	-	-
A9.1.10.5. ADS controller TR: 41-11-10	*							3c	-	-
A9.1.10.6. Logistics pallet control panel TR: 41-11-10								-	-	-
A9.1.10.7. Tow release mechanism TR: 41-33-01								-	-	-
A9.1.11. Support/stabilizing strut adjustment TR: 41-22-04								-	-	-
A9.2. AIRFRAME TR: applicable aircraft TOs										
A9.2.1. Airframe components and structure	*							B	-	-
A9.2.2. Door system principles of operation										
A9.2.2.1. Crew entry door								-	-	-
A9.2.2.2. Cargo doors/ramp								-	-	-
A9.2.2.3. Emergency exits								-	-	-
A9.2.3. Operational checkout of doors										
A9.2.3.1. Crew entry doors TR: Aircraft decal	*							3c	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
1. Tasks, Knowledge And Technical References										
A9.2.3.2. Troop doors TR: aircraft decal	*							3c	-	-
A9.2.3.3. Cargo door/ramp/toes										
A9.2.3.3.1. Open/close from aft loadmaster panel TR: 52-30-02	*							3c	-	-
A9.2.3.3.2. Open/close using manual override system								-	-	-
A9.2.3.4. Ramp blowdown system								-	-	-
A9.2.4. Open and close										
A9.2.4.1. Nose radome assembly TR: 53-51-01	*							3c	-	-
A9.2.4.2. Tailcone								-	-	-
A9.2.4.3. Maintenance access										
A9.2.4.3.1. Cargo ramp maintenance tunnel								-	-	-
A9.2.4.3.2. Fuselage/wing access entry/exit TR: 00-00-01	*							3c	-	-
A9.2.4.3.3. Avionics compartment rack								-	-	-
A9.2.4.3.4. Fuel jettison island tip								-	-	-
A9.2.4.3.5. Under floor maintenance tunnels entry/exit	*							3c	-	-
A9.2.4.3.6. Vertical stabilizer entry/exit TR: 00-00-02-1, 02-4	*							3c	-	-
A9.2.4.3.7. Horizontal stabilizer entry/exit	*							3c	-	-
A9.2.5. Remove and install										
A9.2.5.1. Emergency doors TR: 52-21-10	*							3c	-	-
A9.2.5.2. Non-explosive seats	*							-	-	-
A9.2.5.3. Life rafts								-	-	-
A9.2.5.4. Radomes								-	-	-
A9.2.5.5. Tailcones								-	-	-
A9.2.5.6. Pilot/co-pilot sliding windows								-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A9.2.5.7. Stationary windows								-	-	-
A9.2.5.8. Door/hatch seals								-	-	-
A9.2.5.9. Pressure panel seals								-	-	-
A9.2.5.10. Cargo ramp seals								-	-	-
A9.2.5.11. Wing tip								-	-	-
A9.2.5.12. Winglet assembly								-	-	-
A9.2.6. Rig/adjust										
A9.2.6.1. Crew door assembly TR: 52-11-10-5-2								-	-	-
A9.2.6.2. Troop door assembly TR: 52-13-10-5-1								-	-	-
A9.2.6.3. Cargo door components TR: 52-31-10-5-1, -5-2								-	-	-
A9.2.6.4. Cargo ramp components TR: 52-32-10								-	-	-
A9.2.6.5. Cargo ramp toes TR: 52-11-10								-	-	-
A9.3. LANDING GEAR SYSTEM										
A9.3.1. Landing gear component and system operation								B	-	-
A9.3.2. Service										
A9.3.2.1. MLG shock strut										
A9.3.2.1.1. Nitrogen TR: 12-32-02	*							3c	-	-
A9.3.2.1.2. Hydraulic fluid								-	-	-
A9.3.2.2. NLG shock strut										
A9.3.2.2.1. Nitrogen TR: 12-32-01	*							3c	-	-
A9.3.2.2.2. Hydraulic fluid								-	-	-
A9.3.2.3. Tires TR: 12-32-03	*							3c	-	-
A9.3.2.3.1. Determine serviceability of aircraft tires	*							-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.3.2.4.	Main landing gear shimmy dampers TR: 12-32-04	*						-	-	-	-
A9.3.2.5.	Main landing gear shock strut using OBIGGS	*						-	-	-	-
A9.3.2.6.	Brake accumulator TR: 12-32-04	*						3c	-	-	-
A9.3.3.	Remove/install										
A9.3.3.1.	Main wheel and tire assemblies TR: 32-41-10	*						3c	-	-	-
A9.3.3.2.	Brake assemblies TR: 32-43-10	*						3c	-	-	-
A9.3.3.2.1.	Determine serviceability of aircraft brakes	*						-	-	-	-
A9.3.3.3.	Nose wheel and tire assemblies TR: 32-42-10	*						3c	-	-	-
A9.3.3.4.	Brake hose	*						-	-	-	-
A9.3.3.5.	Brake compensating link	*						3c	-	-	-
A9.3.3.6.	Brake lines	*						-	-	-	-
A9.3.4.	Bleed brake system TR: 32-43-01	*						3c	-	-	-
A9.3.5.	Operational checkout										
A9.3.5.1.	Landing gear							-	-	-	-
A9.3.5.1.1.	Checkout NLG (Normal)							-	-	-	-
A9.3.5.1.2.	Checkout MLG (Normal)							-	-	-	-
A9.3.5.1.3.	Checkout NLG (Emergency)							-	-	-	-
A9.3.5.1.4.	Checkout MLG (Emergency)							-	-	-	-
A9.3.5.2.	Steering system operational checkout							-	-	-	-
A9.3.6.	Disconnect/connect										
A9.3.6.1.	NLG torque arms TR: 09-11-01	*						3c	-	-	-
A9.3.6.2.	MLG doors	*						-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A9.3.6.3. NLG Doors	*							-	-	-
A9.3.7. Troubleshoot landing gear										
A9.3.7.1. Main landing gear extension								-	-	-
A9.3.7.2. Main landing gear retraction								-	-	-
A9.3.7.3. Nose landing gear extension								-	-	-
A9.3.7.4. Nose landing gear retraction								-	-	-
A9.3.8. Rig/adjust										
A9.3.8.1. Main landing gear doors								-	-	-
A9.3.8.2. Nose landing gear doors								-	-	-
A9.3.8.3. Main/centerwheel brake control system TR: 32-44-03								-	-	-
A9.4. UTILITY SYSTEMS										
A9.4.1. Utility system fundamentals, components, and system operation										
A9.4.1.1. Bleed air system								B	-	-
A9.4.1.2. Manifold failure warning system								B	-	-
A9.4.1.3. Air conditioning system								B	-	-
A9.4.1.4. Pressurization system								B	-	-
A9.4.1.5. Anti-ice/de-ice system								B	-	-
A9.4.1.6. Rain removal/windshield wiper system								B	-	-
A9.4.1.7. Fire/overheat warning system								B	-	-
A9.4.1.8. Fire extinguishing system								B	-	-
A9.4.1.9. Smoke detection system								B	-	-
A9.4.1.10. Water and waste systems								B	-	-
A9.4.1.11. Onboard Inert Gas Generating System (OBIGGS)								B	-	-
A9.4.2. Operational checkout										
A9.4.2.1. Bleed air system								-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.4.2.2.	Manifold failure warning system	*						-	-	-	-
A9.4.2.3.	Air conditioning system TR: 21-00-01	*						-	-	-	-
A9.4.2.4.	Pressurization system							-	-	-	-
A9.4.2.5.	Anti-ice/de-ice system							-	-	-	-
A9.4.2.6.	Rain removal/windshield wiper system							-	-	-	-
A9.4.2.7.	Fire/overheat warning system							-	-	-	-
A9.4.2.8.	Fire extinguishing system							-	-	-	-
A9.4.2.9.	Smoke detection system							-	-	-	-
A9.4.2.10.	Oxygen system							-	-	-	-
A9.4.2.11.	Onboard Inert Gas Generating System (OBIGGS) TR: 47-00-01							-	-	-	-
A9.4.2.12.	Proximity sensing system							-	-	-	-
A9.4.2.13.	Visual warning and caution system TR: 31-52-02							-	-	-	-
A9.4.3.	Service										
A9.4.3.1.	Liquid oxygen TR: 12-35-01	*						3c	-	-	-
A9.4.3.2.	Portable oxygen bottle	*						-	-	-	-
A9.4.4.	Remove and install										
A9.4.4.1.	Fresh/waste water system components							-	-	-	-
A9.4.4.2.	Windshield wiper system components							-	-	-	-
A9.5.	FLIGHT CONTROLS										
A9.5.1.	Flight control fundamentals, components, and system operation TR: 1C-17A-2-27GS-00-1							B	-	-	-
A9.5.2.	Mechanical rig/adjust flight controls										

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.5.2.1.	Mechanical horizontal stabilizer control and surfaces TR: 27-42-01							-	-	-	-
A9.5.2.2.	Aileron mechanical controls and surfaces TR: 27-11-03							-	-	-	-
A9.5.2.3.	Rudder mechanical controls and surfaces TR: 27-21-02							-	-	-	-
A9.5.2.4.	Elevator mechanical controls and surfaces TR: 27-31-02							-	-	-	-
A9.5.2.5.	Slat assemblies TR: 27-81-11-5-2, -3							-	-	-	-
A9.5.3.	Operational checkout										
A9.5.3.1.	Flaps							-	-	-	-
A9.5.3.2.	Slats							-	-	-	-
A9.5.3.3.	Horizontal stabilizer							-	-	-	-
A9.5.3.4.	Ailerons							-	-	-	-
A9.5.3.5.	Rudders							-	-	-	-
A9.5.3.6.	Elevators							-	-	-	-
A9.5.3.7.	Spoilers							-	-	-	-
A9.5.4.	Operate										
A9.5.4.1.	Slats	*						2b	-	-	-
A9.5.4.2.	Flaps	*						2b	-	-	-
A9.5.4.3.	Horizontal stabilizer	*						2b	-	-	-
A9.5.5.	Remove and install										
A9.5.5.1.	Aileron components							-	-	-	-
A9.5.5.2.	Aileron trim components							-	-	-	-
A9.5.5.3.	Spoiler components							-	-	-	-
A9.5.5.4.	Elevator components							-	-	-	-
A9.5.5.5.	Rudder components							-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.5.5.6	Rudder trim components							-	-	-	-
A9.5.5.7.	Wing flap components							-	-	-	-
A9.5.5.8.	Wing slat components							-	-	-	-
A9.5.5.9.	Horizontal stabilizer components							-	-	-	-
A9.5.5.10.	Rudder Integrated Flight Control Module (IFCM)							-	-	-	-
A9.5.5.11.	Aileron Integrated Flight Control Module (IFCM)							-	-	-	-
A9.5.6.	Troubleshoot flight controls							-	-	-	-
A9.5.7.	Service pitch trim actuator assembly							-	-	-	-
A9.5.8.	Rig flight controls							-	-	-	-
A9.6.	HYDRAULIC SYSTEMS										
A9.6.1.	Fundamentals										
A9.6.1.1.	System components and system operation							B	-	-	-
A9.6.1.2.	Ram air turbine							B	-	-	-
A9.6.2.	Service										
A9.6.2.1.	Reservoir TR: 12-29-01	*						3c	-	-	-
A9.6.2.2.	Load equalization reservoir TR: 12-41-02	*						-	-	-	-
A9.6.2.3.	Gust damper accumulator	*						-	-	-	-
A9.6.2.4	Bleed reservoir TR: 12-29-03	*						3c	-	-	-
A9.6.3.	Remove and install										
A9.6.3.1.	Gust damper accumulator							-	-	-	-
A9.6.3.2.	Brake pressure accumulator							-	-	-	-
A9.6.3.3.	Hydraulic control valve							-	-	-	-
A9.6.3.4.	Filter elements							-	-	-	-

## C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A9.6.4. Troubleshoot hydraulic system and components								-	-	-
A9.6.5. Operate										
A9.6.5.1. Engine driven pump								-	-	-
A9.6.5.2. Auxiliary hydraulic pump TR: 29JG-20-01	*							3c	-	-
A9.6.5.3. Hydraulic system controller	*							-	-	-
A9.7. ENGINES										
A9.7.1. Engine and Auxiliary Power Unit (APU) components and system operation								B	-	-
A9.7.2. Perform										
A9.7.2.1. Engine run								-	-	-
A9.7.2.2. Inlet and exhaust inspection								-	-	-
A9.7.2.3. Aircraft engine motoring								-	-	-
A9.7.2.4. Engine run ground observer	*							-	-	-
A9.7.3. Operate APU TR: 49-00-01	*							3c	-	-
A9.7.4. Service										
A9.7.4.1. Engine oil system TR: 12-79-01	*							3c	-	-
A9.7.4.2. Integrated drive generator TR: 21-24-01	*							3c	-	-
A9.7.4.3. APU oil system TR: 12-49-01	*							3c	-	-
A9.7.4.4. Starter								-	-	-
A9.7.5. Remove and install										
A9.7.5.1. Starter TR: 80-11-10								-	-	-
A9.7.5.2. Starter control valve TR: 80-11-12								-	-	-
A9.7.5.3. Fuel filter								-	-	-
A9.7.5.4. Oil filter								-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.7.5.5.	Thrust reverser							-	-	-	-
A9.7.5.6.	Inlet cone segment							-	-	-	-
A9.7.5.7.	Thrust reverser actuator fairing							-	-	-	-
A9.7.5.8.	Cowl/door locks							-	-	-	-
A9.7.5.9.	Engine accessory doors							-	-	-	-
A9.7.6.	Open and close										
A9.7.6.1.	Thrust/fan reverser duct assembly TR: 78-31-03	*						3c	-	-	-
A9.7.6.2.	Auxiliary power unit access door	*						3c	-	-	-
A9.7.6.3.	Engine accessory doors TR: 54-14-01	*						3c	-	-	-
A9.7.7.	Fan and core thrust reverser locking/unlocking TR: 78-31-04	*						-	-	-	-
A9.7.8.	Hydraulically deploy/stow thrust reverser TR: 78-31-06	*						3c	-	-	-
A9.8.	FUELS										
A9.8.1.	Fuel system components and system operation							B	-	-	-
A9.8.2.	Inspect fuel system							-	-	-	-
A9.8.3.	Refuel aircraft single point TR: 12-28-01										
A9.8.3.1.	Team member	*						2b	-	-	-
A9.8.3.2.	Team supervisor		*					-	-	-	-
A9.8.3.3.	Fuel panel operator	*						2b	-	-	-
A9.8.4.	Defuel aircraft single point TR: 12-28-02										
A9.8.4.1.	Team member	*						2b	-	-	-
A9.8.4.2.	Team supervisor		*					-	-	-	-
A9.8.4.3.	Fuel panel operator	*						2b	-	-	-
A9.8.5.	Overwing refuel/defuel							-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.8.6.	Perform duties of a Concurrent Servicing Supervisor (CSS)	*						-	-	-	-
A9.8.7	Perform duties of an Aircraft Interior Monitor							-	-	-	-
A9.8.8.	Prepare aircraft for fuel cell maintenance							-	-	-	-
A9.8.9.	Aerial Refueling (AR) receiver/ Universal Aerial Refueling Receiver Slipway Installation (UARRSI) system operation							-	-	-	-
A9.8.10.	Ground transfer fuel from overhead fuel panel TR: 12-28-07	*						3c	-	-	-
A9.8.11.	Ground transfer fuel from ground refueling control panel	*						-	-	-	-
A9.8.12	Drain fuel sumps	*						-	-	-	-
A9.8.13	Remove and install extended tank fuel barrier range							-	-	-	-
A9.9.	ELECTRICAL										
A9.9.1.	Electrical system components and operation							B	-	-	-
A9.9.2.	Remove/install components										
A9.9.2.1.	Electro-luminescent lights							-	-	-	-
A9.9.2.2.	Light bulbs							-	-	-	-
A9.9.2.3.	Main batteries TR: 24-32-10	*						3c	-	-	-
A9.9.2.4.	Strobe anti-collision bulb	*						-	-	-	-
A9.9.2.5.	Retractable landing light assemblies	*						-	-	-	-
A9.9.3.	Inspect electrical system										
A9.9.3.1.	Components	*						-	-	-	-
A9.9.3.2.	Wiring and connectors	*						-	-	-	-
A9.9.4.	Perform operational check										
A9.9.4.1.	Interior lighting system	*						-	-	-	-

# C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.9.4.2.	Exterior lighting system	*						-	-	-	-
A9.9.4.3.	Visual warning caution lights	*						-	-	-	-
A9.9.4.4.	Batteries	*						3c	-	-	-
A9.9.5.	Connect/disconnect external electrical power TR: 10-61-01	*						3c	-	-	-
A9.9.6.	Use solderless connectors							-	-	-	-
A9.9.7.	Use wiring diagrams							-	-	-	-
A9.9.8.	Electrical schematics/symbols							-	-	-	-
A9.10.	EGRESS										
A9.10.1.	Egress components and system operation							B	-	-	-
A9.10.2.	Inspect egress system components							-	-	-	-
A9.10.3.	Operate egress system components							-	-	-	-
A9.10.4.	Service ramp emergency egress hydraulic accumulator TR: 95-31-13-8	*						-	-	-	-
A9.10.5	FEDS awareness							B	-	-	-
A9.10.6.	Remove/install										
A9.10.6.1.	Life raft container assembly							-	-	-	-
A9.10.6.2.	Emergency escape roll-up ladder/tube							-	-	-	-
A9.11.	EQUIPMENT AND FURNISHINGS										
A9.11.1.	Checkout of Pilot/ co-pilot/ loadmaster seat components TR: 25-11-10	*						-	-	-	-
A9.11.2.	Checkout of crew rest area seats	*						-	-	-	-
A9.11.3.	Remove and install galley	*						-	-	-	-
A9.12.	AEROSPACE GROUND EQUIPMENT										

## C-17 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A9.12.1. Perform pre-use inspection and operate											
A9.12.1.1. Maintenance platform ("T" tail)								-	-	-	-
A9.12.1.2. Servicing platform								-	-	-	-
A9.12.1.3. Wheel mounted crane								-	-	-	-
A9.12.1.4. Diesel jacking manifold								-	-	-	-
A9.12.1.5. Reach all								-	-	-	-
A9.12.1.6 Essex generator								-	-	-	-
A9.12.1.7 Condor high lift								-	-	-	-
A9.12.1.8 Calavar high lift								-	-	-	-
A9.12.1.9 Trump de-icer unit								-	-	-	-
A9.12.1.10. B-7 maintenance stand								3c	-	-	-

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## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: This attachment is used in conjunction with Attachment 2.											
A10.1. AIRCRAFT GENERAL											
A10.1.1. Safety precautions pertaining to TR: TO 00-25-172, TO 1C-5A-2-1, TO 00-20-1, AFI 32-2001											
A10.1.1.1. High intensity sound								B	-	-	
A10.1.1.2. Good housekeeping								B	-	-	
A10.1.1.3. Danger areas								B	-	-	
A10.1.1.4. Inspect and position ground fire extinguishers	*							2b	-	-	
A10.1.2. FOD prevention	*							B	-	-	
A10.1.3. Use technical orders	*							2b	-	-	
A10.1.4. Isochronal inspections TR: TO 1C-5A-6, 1C-5A-6WC-1, 1C-5A-6WC-2											
A10.1.4.1. Isochronal inspection concept								B	-	-	
A10.1.4.2. Perform inspections											
A10.1.4.2.1. Preflight	*							2b	-	-	
A10.1.4.2.2. Thru flight	*							-	-	-	
A10.1.4.2.3. Basic post flight	*							2b	-	-	
A10.1.4.2.4. Home station check								-	-	-	
A10.1.4.2.5. Minor								-	-	-	
A10.1.4.2.6. Major								-	-	-	
A10.1.4.2.7. Acceptance								-	-	-	
A10.1.4.2.8. Calendar								-	-	-	
A10.1.4.2.9. Special								-	-	-	
A10.1.4.2.10. Time change item								-	-	-	
A10.1.5. Communications systems											

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.1.5.1. Operate radio TR: 1C-5A-2-8											
A10.1.5.1.1. UHF	*							-	-	-	-
A10.1.5.1.2. VHF	*							-	-	-	-
A10.1.5.1.3. Interphone system	*							2b	-	-	-
A10.1.5.1.4. FMS 800 System	*							-	-	-	-
A10.1.6. Ground handling TR: TO 1C-5A-2-1											
A10.1.6.1. Launch and recovery procedures								B	-	-	-
A10.1.6.2. Launch aircraft	*							b	-	-	-
A10.1.6.3. Recover aircraft	*							b	-	-	-
A10.1.6.4. Select and use restraint harnesses	*							2b	-	-	-
A10.1.6.5. Tow aircraft TR: TO 1C-5A-2-1CL-1											
A10.1.6.5.1. Tow procedures								B	-	-	-
A10.1.6.5.2. Prepare aircraft for tow	*							B	-	-	-
A10.1.6.5.3. Wing/tail walker	*							-	-	-	-
A10.1.6.5.4. Brake operator	*							2b	-	-	-
A10.1.6.5.5. Panel operator	*R							-	-	-	-
A10.1.6.5.6. Tow supervisor								-	-	-	-
A10.1.6.5.7. Tow vehicle operator								-	-	-	-
A10.1.6.6. Jack aircraft TR: TO 1C-5A-2-1, 1C-5A-2-1CL-2, 1C-5A-2-1											
A10.1.6.6.1. Fuselage jacking								B	-	-	-
A10.1.6.6.2. Jacking team member duties	*							B	-	-	-
A10.1.6.6.3. Jacking supervisor								-	-	-	-
A10.1.6.6.4. Axle jacking	*							2b	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1. Tasks, Knowledge And Technical References		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.1.7.	Reconfigure aircraft TR: TO 1C-5A-2-1, 1C-5A-2-2, 1C-5A-2-13										
A10.1.7.1.	Rolling stock/palletized cargo							-	-	-	-
A10.1.7.2.	Passenger/personnel							-	-	-	-
A10.1.7.3.	Troop drop							-	-	-	-
A10.1.7.4.	Aerial Delivery System (ADS)							-	-	-	-
A10.1.8.	Service cargo winch							-	-	-	-
A10.1.9.	Remove/install cargo winch							-	-	-	-
A10.1.10.	Operate cargo winch							-	-	-	-
A10.1.11.	Assist in weight and balance							-	-	-	-
A10.1.12.	Debrief aircrews							-	-	-	-
A10.1.13.	Remove and install troop/passenger seats							-	-	-	-
A10.1.14.	Deactivate/reactivate FSS system	*						B	-	-	-
A10.1.15.	Remove/install/repair										
A10.1.15.1.	Cargo rollers							-	-	-	-
A10.1.15.2.	Cargo rails							-	-	-	-
A10.1.15.3.	Restraint rails							-	-	-	-
A10.1.16.	Troubleshoot/adjust rails							-	-	-	-
A10.1.17.	Maintain/store configuration/-21 equipment							-	-	-	-
A10.2.	AIRFRAME SYSTEMS TR: TO 1C-5A-2-2										
A10.2.1.	Airframe components and structure							B	-	-	-
A10.2.2.	Door system principles of operation TR: TO 1C-5A-2-2, 1C-5A-2-12										
A10.2.2.1.	Crew entry door							B	-	-	-
A10.2.2.2.	Forward cargo door							B	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course
A10.2.2.3. Aft cargo doors/ramp								B	-	-
A10.2.2.4. Emergency exits								B	-	-
A10.2.3. Operate doors TR: 1C-5A-2-2, 1C-5A-2-12										
A10.2.3.1. Fwd cargo										
A10.2.3.1.1. Automatic	*							-	-	-
A10.2.3.1.2. Manual								-	-	-
A10.2.3.2. Aft cargo		*								
A10.2.3.2.1. Automatic		*						-	-	-
A10.2.3.2.2. Manual								-	-	-
A10.2.3.3. Personnel	*							2b	-	-
A10.2.3.4. Crew entry	*							2b	-	-
A10.2.3.5. Service doors	*							2b	-	-
A10.2.4. Remove and install TR: TO 1C-5A-2-2, 1C-5A-2-12										
A10.2.4.1. Aircraft panels	*							2b	-	-
A10.2.4.2. Crew member seats	*							2b	-	-
A10.2.4.3. Windshield/windows								-	-	-
A10.2.4.4. #2 hatch life raft								-	-	-
A10.2.4.5. Pressure seals								-	-	-
A10.2.4.6. Cargo floor rollers								2b	-	-
A10.2.4.7. Crew entry door								-	-	-
A10.2.4.8. Troop/door ladder assembly								-	-	-
A10.2.4.9. Troop/flight station ladder								-	-	-
A10.2.4.10. Visor door actuator								-	-	-
A10.2.4.11. Visor door conical								-	-	-
A10.2.4.12. Forward ramp floor bracket								-	-	-
A10.2.4.13. Forward ramp lock mechanism								-	-	-
A10.2.4.14. Forward ramp								-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.2.4.15. Forward ramp extension								-	-	-	-
A10.2.4.16. Pressure door lock mechanism								-	-	-	-
A10.2.4.17. Pressure door uplock mechanism								-	-	-	-
A10.2.4.18. Ramp components								-	-	-	-
A10.2.4.19. Aft pressure door								-	-	-	-
A10.2.4.20. Aft center door								-	-	-	-
A10.2.4.21. Gearbox from the aft cargo center door								-	-	-	-
A10.2.4.22. Jackscrew from the aft center door								-	-	-	-
A10.2.4.23. Aft side door latch bayonet								-	-	-	-
A10.2.4.24. Aft cargo side door grab latch								-	-	-	-
A10.2.4.25. Aft side door								-	-	-	-
A10.2.4.26. Aft cargo ramp								-	-	-	-
A10.2.4.27. Galley and equipment								-	-	-	-
A10.2.4.28. Lavatory and waste system components								-	-	-	-
A10.2.4.29. Potable water system components								-	-	-	-
A10.2.5. Open and close TR: 1C-5A-2-2											
A10.2.5.1. Radomes								b	-	-	-
A10.2.5.2. Escape hatches	*							2b	-	-	-
A10.2.6. Inspect and repair TR: TO 1C-5A-2-2											
A10.2.6.1. Crew entrance door/ladder								-	-	-	-
A10.2.6.2. Personnel doors								-	-	-	-
A10.2.7. Inspect airframe components								-	-	-	-
A10.2.8. Perform cold weather procedures								-	-	-	-
A10.2.9. Inspect crew/passenger comfort facilities								-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
1. Tasks, Knowledge And Technical References				A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.2.10.	Operate flight station ladder/troop compartment ladder								2b	-	-	-
A10.2.11.	Operational check crew/passenger comfort facilities								-	-	-	-
A10.2.12.	Operational check potable water system								-	-	-	-
A10.2.13.	Rig and adjust											
A10.2.13.1.	Service/personnel doors								-	-	-	-
A10.2.13.2.	Crew entry door								-	-	-	-
A10.2.13.3.	Escape hatches								-	-	-	-
A10.2.13.4.	Visor door actuator								-	-	-	-
A10.2.13.5.	Visor conical and receptacles								-	-	-	-
A10.2.13.6.	Forward ramp lock mechanism								-	-	-	-
A10.2.13.7.	Aft ramp asymmetry valve								-	-	-	-
A10.2.13.8.	Aft center door drive mechanisms and latches								-	-	-	-
A10.2.13.9.	Aft door system switches								-	-	-	-
A10.2.13.10.	Aft door side latches								-	-	-	-
A10.2.14.	Vertical stabilizer access door								-	-	-	-
A10.3.	LANDING GEAR SYSTEMS											
A10.3.1.	Landing gear components and system operation TR: TO 1C-5A-2-10								B	-	-	-
A10.3.2.	Operate TR: 1C-5A-2-10, TO 1C-5A-2-10CL-1											
A10.3.2.1.	Landing gear	*							-	-	-	-
A10.3.2.2.	Brakes	*							2b	-	-	-
A10.3.2.3.	Steering system								-	-	-	-
A10.3.2.4.	Anti skid								-	-	-	-
A10.3.2.5.	Individual kneel system	*							B	-	-	-
A10.3.2.6.	Kneel panel	*							-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.3.2.7. Kneel supervisor								-	-	-	-
A10.3.3. Service TR: TO 1C-5A-2-10											
A10.3.3.1. Shock strut	*							2b	-	-	-
A10.3.3.2. Pitch positioner								2b	-	-	-
A10.3.3.3. Tires	*							2b	-	-	-
A10.3.3.4. Master cylinder with hydraulic fluid								-	-	-	-
A10.3.4. Lubricate landing gear components								-	-	-	-
A10.3.5. Remove and install TR: TO 1C-5A-2-10, 1C-5A-2-3											
A10.3.5.1. NLG wheel and tire assemblies	*							b	-	-	-
A10.3.5.2. MLG wheel and tire assemblies	*							2b			
A10.3.5.3. Brake assemblies								b	-	-	-
A10.3.5.4. Brake lines								b	-	-	-
A10.3.5.5. Compensator links								-	-	-	-
A10.3.5.6. Nose landing gear kneel pad actuator								-	-	-	-
A10.3.5.7. Main landing gear kneeling ball screws								-	-	-	-
A10.3.5.8. Main landing gear rotary actuator and high speed gear box								-	-	-	-
A10.3.5.9. Main landing gear roll positioner assembly								-	-	-	-
A10.3.5.10. Nose gear drive gearbox ball screw								-	-	-	-
A10.3.6. Bleed brake systems								b	-	-	-
A10.3.7. Determine serviceability of aircraft tires TR: TO 4T-1-3	*							2b	-	-	-
A10.3.8. Troubleshoot								-	-	-	-
A10.3.8.1. Extension and retraction systems								-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.3.8.2. Individual kneel system								-	-	-	-
A10.3.8.3. Main landing gear test fixture								-	-	-	-
A10.3.8.4. Nose wheel steering sprocket wheel drive								-	-	-	-
A10.3.9. Rig and Adjust TR: TO 1C-5A-2-10											
A10.3.9.1. Main landing gear components								-	-	-	-
A10.3.9.2. Main landing gear door locks								-	-	-	-
A10.3.9.3. Main landing gear rotation cylinder								-	-	-	-
A10.3.9.4. Main landing gear knee position indication switches								-	-	-	-
A10.3.9.5. Nose landing gear components								-	-	-	-
A10.3.9.6. Nose landing gear steering system components								-	-	-	-
A10.4. UTILITY SYSTEMS											
A10.4.1. Utility system components and system operation TR: TO 1C-5A-2-7, 1C-5A-2-13, 1C-5A-2-2											
A10.4.1.1. Bleed air system								B	-	-	-
A10.4.1.2. Wing overheat warning system								B	-	-	-
A10.4.1.3. Air conditioning system								B	-	-	-
A10.4.1.4. Anti-ice/de-ice system								B	-	-	-
A10.4.1.5. Pressurization system								B	-	-	-
A10.4.1.6. Wind shield wiper system								-	-	-	-
A10.4.1.7. Fire/overheat warning system								B	-	-	-
A10.4.1.8. Smoke detection system								B	-	-	-
A10.4.1.9. Engine/APU fire extinguishing system								B	-	-	-
A10.4.1.10. Oxygen system								B	-	-	-
A10.4.1.11. Air Turbine Motor (ATM)								B	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.4.1.12. Fire suppression system								B	-	-	-
A10.4.2. Operate TR: TO 1C-5A-2-7, 1C-5A-2-13, 1C-5A-2-2											
A10.4.2.1. Bleed air system	*							b	-	-	-
A10.4.2.2. Test wing overheat warning system								b	-	-	-
A10.4.2.3. Air conditioning system								b	-	-	-
A10.4.2.4. Anti-ice/de-ice system								-	-	-	-
A10.4.2.5. Pressurization system								-	-	-	-
A10.4.2.6. Wind shield wiper system											
A10.4.2.7. Test fire/overheat warning system	*							2b	-	-	-
A10.4.2.8. Test smoke detection system								2b	-	-	-
A10.4.2.9. Engine/APU Fire extinguishing system								-	-	-	-
A10.4.2.10. Oxygen system								-	-	-	-
A10.4.2.11. Air Turbine Motor (ATM)	*							2b	-	-	-
A10.4.2.12. Operationally check flame detectors								2b	-	-	-
A10.4.3. Service TR: TO 1C-5A-2-1											
A10.4.3.1. Oxygen system	*							2b	-	-	-
A10.4.3.2. Remove/service/reinstall portable oxygen bottles	*							2b	-	-	-
A10.4.3.3. DEWAR with liquid nitrogen								-	-	-	-
A10.4.3.4. Drain DEWAR								-	-	-	-
A10.5. FLIGHT CONTROL SYSTEMS TR: TO 1C-5A-2-9											
A10.5.1. Flight control components and system operation								B	-	-	-
A10.5.2. Operate flight controls	*							b	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.5.3. Inspect flight control systems								-	-	-	-
A10.5.4. Lubricate flight controls								-	-	-	-
A10.5.5. Rig flight controls TR: TO1C-5A-2-9											
A10.5.5.1. Aileron system components								-	-	-	-
A10.5.5.2. Rudder system components								-	-	-	-
A10.5.5.3. Elevator system components								-	-	-	-
A10.5.5.4. Spoiler system components								-	-	-	-
A10.5.5.5. Flap system components								-	-	-	-
A10.5.5.6. Slat system components								-	-	-	-
A10.5.5.7. Slat actuator								-	-	-	-
A10.5.5.8. Flap drive power package								-	-	-	-
A10.5.6. Troubleshoot flight controls								-	-	-	-
A10.5.7. Remove and install											
A10.5.7.1. Remove and install rudder pedal adjustment components								-	-	-	-
A10.5.7.2. Remove and install aileron control wheel								-	-	-	-
A10.5.7.3. Aileron System Components								-	-	-	-
A10.5.7.4. Rudder System Components								-	-	-	-
A10.5.7.5. Elevator System Components								-	-	-	-
A10.5.7.6. Flap System Components								-	-	-	-
A10.5.7.7. Slat System Components								-	-	-	-
A10.5.7.8. Slats								-	-	-	-
A10.5.7.9. Slat actuator								-	-	-	-
A10.5.7.10. Slat de-coupler								-	-	-	-
A10.5.7.11. Slat track								-	-	-	-
A10.5.7.12. Slat and moving island actuator								-	-	-	-
A10.5.7.13. Slat moving island panel assembly								-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.5.7.14. Flap/slat brake								-	-	-	-
A10.5.7.15. Flap pack computer								-	-	-	-
A10.5.7.16. Flap jackscrew								-	-	-	-
A10.5.7.17. Flap torque limiter								-	-	-	-
A10.6. HYDRAULIC SYSTEM TR: TO 1C-5A-2-3											
A10.6.1. Hydraulic system components and system operation								B	-	-	-
A10.6.2. Hydraulic schematic symbols								B	-	-	-
A10.6.3. Service TR: TO 1C-5A-2-1											
A10.6.3.1. Reservoir	*							2b	-	-	-
A10.6.3.2. Accumulator	*							2b	-	-	-
A10.6.3.3. ATM	*							2b	-	-	-
A10.6.4. Operate TR: TO 1C-5A-2-3											
A10.6.4.1. Engine driven pump								-	-	-	-
A10.6.4.2. ATM driven pump	*							2b	-	-	-
A10.6.5. Remove and Install TR: TO 1C-5A-2-3											
A10.6.5.1. Lines								2b	-	-	-
A10.6.5.2. Hoses								2b	-	-	-
A10.6.5.3. Fittings								2b	-	-	-
A10.6.5.4. Swivels								-	-	-	-
A10.6.5.5. Wiggins fittings								-	-	-	-
A10.6.5.6. Pressure switches								-	-	-	-
A10.6.5.7. Flow transducers								-	-	-	-
A10.6.5.8. Filter elements								-	-	-	-
A10.6.6. Reposition/retorque lines for minor leaks								2b	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.6.7. Connect hydraulic test stand								-	-	-	-
A10.6.8. Disconnect hydraulic test stand								-	-	-	-
A10.7. ENGINES TR: TO 1C-5A-2-4											
A10.7.1. Engine and APU components and operation								B	-	-	-
A10.7.2. Operate TR: TO 1C-5A-2-4, 1C-5A-2-4CL-1											
A10.7.2.1. Engine	*R							-	-	-	-
A10.7.2.2. Auxiliary power unit								2b	-	-	-
A10.7.2.3. Service TR: TO 1C-5A-2-1											
A10.7.2.3.1. Oil system	*							2b	-	-	-
A10.7.2.3.2. Constant speed drive reservoir	*							b	-	-	-
A10.7.2.3.3. Auxiliary power unit TR: TO 1C-5A-2-4	*							2b	-	-	-
A10.7.2.3.4. Starter TR: 1C-5A-2-1								b	-	-	-
A10.7.3. Remove and Install TR: 1C-5A-2-4											
A10.7.3.1. Starter								-	-	-	-
A10.7.3.2. Starter control valve								-	-	-	-
A10.7.3.3. Oil filter								-	-	-	-
A10.7.3.4. Engine cowling								-	-	-	-
A10.7.3.5. Cowl door locks								-	-	-	-
A10.7.3.6. APU inlet door actuator								-	-	-	-
A10.7.4. Open/close engine cowling	*							2b	-	-	-
A10.7.5. Take engine oil sample	*							-	-	-	-
A10.7.6. Inspect installed engine								-	-	-	-
A10.7.7. Inspect auxiliary power unit								-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
1. Tasks, Knowledge And Technical References				A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.7.8.	Open and close APU access door	*							2b	-	-	-
A10.7.9.	Deactivate thrust reverser system								-	-	-	-
A10.7.10.	Perform engine removal preparation								-	-	-	-
A10.7.11.	Perform engine installation preparation								-	-	-	-
A10.7.12.	Thrust reverser components and operation								B	-	-	-
A10.7.13.	Rig and adjust throttle system								-	-	-	-
A10.7.14.	Lockout thrust reverser system								2b	-	-	-
A10.8.	FUEL SYSTEM TR: TO 1C-5A-2-5											
A10.8.1.	Fuel system components and system operation								B	-	-	-
A10.8.2.	Perform ground transfer of fuel	*							2b	-	-	-
A10.8.3.	Aircraft refuel TR: TO 1C-5A-2-1CL-6, 1C-5A-2-5											
A10.8.3.1.	Preparation	*							B	-	-	-
A10.8.3.2.	Panel operator	*							-	-	-	-
A10.8.3.3.	Supervisor		*						-	-	-	-
A10.8.3.4.	Concurrent servicing supervisor								-	-	-	-
A10.8.3.5.	Team member	*							-	-	-	-
A10.8.4.	Aircraft defuel TR: TO 1C-5A-2-5, 1C-5A-2-1CL-6								-	-	-	-
A10.8.4.1.	Preparation								B	-	-	-
A10.8.4.2.	Panel operator	*							-	-	-	-
A10.8.4.3.	Supervisor		*						-	-	-	-
A10.8.4.4.	Concurrent servicing supervisor								-	-	-	-
A10.8.4.5.	Team member	*							-	-	-	-

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
1. Tasks, Knowledge And Technical References				A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.8.5.	Prepare aircraft for fuel cell maintenance								-	-	-	-
A10.8.6.	Inspect fuel system								-	-	-	-
A10.8.7.	In-flight refueling (IFR) system TR: 1C-5A-2-5											
A10.8.7.1.	Location of components and system operation								B	-	-	-
A10.8.7.2.	Inspect IFR system								-	-	-	-
A10.8.7.3.	Operate								-	-	-	-
A10.9.	ELECTRICAL SYSTEM TR: 1C-5A-2-7											
A10.9.1.	Electrical system components and operation								B	-	-	-
A10.9.2.	Electrical schematic symbols								B	-	-	-
A10.9.3.	Operate TR: TO 1C-5A-2-7											
A10.9.3.1.	Interior/exterior lighting system	*							2b	-	-	-
A10.9.3.2.	Indicator warning lights	*							2b	-	-	-
A10.9.4.	Remove and Install TR: TO 1C-5A-2-7											
A10.9.4.1.	Light lenses	*							2b	-	-	-
A10.9.4.2.	Light bulbs	*							2b	-	-	-
A10.9.4.3.	Battery	*							2b	-	-	-
A10.9.5.	Use wiring diagrams								-	-	-	-
A10.9.6.	Inspect TR: 1C-5A-2-7, TO 1C-5A-2-1											
A10.9.6.1.	Components								2b	-	-	-
A10.9.6.2.	Wiring and connectors								2b	-	-	-
A10.9.7.	Connect apply and disconnect external electrical power	*							2b	-	-	-
A10.10.	EGRESS SYSTEM TR: TO 1C-5A-2-2, TO 1C-5A-2-1											

## C-5 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A10.10.1. Egress system components and operation								B	-	-	-
A10.10.2. Inspect egress components								2b	-	-	-
A10.10.3. Remove /install descent reels								-	-	-	-
A10.10.4. Service escape slide inflation bottle								-	-	-	-
A10.10.5. Service life raft ejection bottle								-	-	-	-
A10.11.1. Inspect and operate liquid oxygen servicing cart TR: 15X-1-1 and 37C2-8	*							2b	-	-	-

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## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC

Note: This attachment is to be used in conjunction with Attachment 2.

A11.1. AIRCRAFT GENERAL										
A11.1.1. Flight line safety procedures TR: AFOSH-STD 91-100, applicable aircraft TOs								B	-	-
A11.1.2. Use C-9 aircraft TOs TR: TO 1C-9A-2-1	*							3c	-	-
A11.1.3. Isochronal inspection concept and inspections								-	-	-
A11.1.4. Perform inspections TR: TO 1C-9A-6										
A11.1.4.1. Preflight	*							3c	-	-
A11.1.4.2. Thruflight	*							3c	-	-
A11.1.4.3. Home station check								-	-	-
A11.1.4.4. Minor								-	-	-
A11.1.4.5. Major								-	-	-
A11.1.4.6. Acceptance								-	-	-
A11.1.4.7. Special								-	-	-
A11.1.4.8. Time change item								-	-	-
A11.1.5. Aircraft communications equipment TR: TO 1C-9A-2-23										
A11.1.5.1. Operate										
A11.1.5.1.1. UHF radio								2b	-	-
A11.1.5.1.2. VHF radio								3c	-	-
A11.1.5.1.3. Interphone system	*							3c	-	-
A11.1.6. Perform ground handling TR: TO 1C-9A-2-9										
A11.1.6.1. Launch aircraft	*							3c	-	-
A11.1.6.2. Recover aircraft	*							3c	-	-
A11.1.6.3. Tow aircraft TR: 1C-9A-2-9										
A11.1.6.3.1. Prepare aircraft for tow	*							3c	-	-

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A11.1.6.3.2. Wing/tail walker	*							3c	-	-	-
A11.1.6.3.3. Brake operator	*	*						3c	-	-	-
A11.1.6.3.4. Tow team supervisor								-	-	-	-
A11.1.6.3.5. Tow vehicle operator								-	-	-	-
A11.1.7. Moor aircraft TR: TO 1C-9A-2-10								-	-	-	-
A11.1.8. Jack aircraft TR: 1C-9A-2-7											
A11.1.8.1. Jacking team member	*							3c	-	-	-
A11.1.8.2. Plumb bob monitor	*							3c	-	-	-
A11.1.8.3. Jacking supervisor								-	-	-	-
A11.1.8.4. Axle jacking	*							3c	-	-	-
A11.1.9. Remove, install and inspect -21 equipment								-	-	-	-
A11.1.10. Assist in weight and balance TR: 1C-9A-2-8								-	-	-	-
A11.2. AIRFRAME SYSTEMS											
A11.2.1. Components and structure									B	-	-
A11.2.2. Door system principles of operation TR: 1C-9A-2-52											
A11.2.2.1. Crew entry door									B	-	-
A11.2.2.2. Aft cabin doors									B	-	-
A11.2.2.3. Patient loading ramp									B	-	-
A11.2.3. Operate doors TR: 1C-9A-2-52											
A11.2.3.1. Crew entry door	*								3c	-	-
A11.2.3.2. Aft cabin doors	*								3c	-	-
A11.2.3.3. Patient loading ramp	*								3c	-	-
A11.2.4. Remove and install TR: TOs 1C-9A-2-20, 1C-9A-2-25, 1C-9A-2-32, 1C-9A-2-52, 1C-9A-2-53, 1C-9A-2-56											

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A11.2.4.1. Cowlings	*							-	-	-	-
A11.2.4.2. Panels	*							3c	-	-	-
A11.2.4.3. Crew seats								-	-	-	-
A11.2.4.4. Windshields/windows								-	-	-	-
A11.2.4.5. Pressure seals								-	-	-	-
A11.2.4.6. Tail cone assembly		*						2b	-	-	-
A11.2.4.7. Forward entrance passenger stairway								-	-	-	-
A11.2.4.8. Patient loading ramp assembly								-	-	-	-
A11.2.4.9. Cargo/Patient Loading Ramp (PLR) door								-	-	-	-
A11.2.4.10. Tail bumper strut								-	-	-	-
A11.2.5. Open and close TR: applicable TOs											
A11.2.5.1. Cowling	*							3c	-	-	-
A11.2.5.2. Panels	*							3c	-	-	-
A11.2.5.3. Radome								3c	-	-	-
A11.2.6. Maintain crew entrance doors/stair pack								-	-	-	-
A11.2.7. Perform cold weather procedures TR: Local Procedures								-	-	-	-
A11.2.8. Inspect crew/passenger comfort facilities								-	-	-	-
A11.2.9. Change potable water filters TR: 1C-9A-2-38								-	-	-	-
A11.2.10. Drain potable water tanks	*							3c	-	-	-
A11.2.11. Flush/sterilize potable water system								-	-	-	-
A11.3. LANDING GEAR SYSTEMS TR: 1C-9A-2-12, 1C-9A-2-32											
A11.3.1. Components and system operation								B	-	-	-
A11.3.2. Perform operational check											

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A11.3.2.1. Landing gear	*							2b	-	-	-
A11.3.2.2. Brakes	*							3c	-	-	-
A11.3.2.3. Steering system								-	-	-	-
A11.3.2.4. Anti skid								2b	-	-	-
A11.3.3. Service											
A11.3.3.1. Main landing gear shock strut	*							3c	-	-	-
A11.3.3.2. Main landing gear shimmy damper	*							-	-	-	-
A11.3.3.3. Nose landing gear shock strut	*							3c	-	-	-
A11.3.3.4. Tires	*							3c	-	-	-
A11.3.4. Lubricate landing gear components	*							3c	-	-	-
A11.3.5. Remove and install											
A11.3.5.1. Wheel and tire assemblies	*							3c	-	-	-
A11.3.5.2. Brake assemblies	*							3c	-	-	-
A11.3.6. Bleed brake systems	*							3c	-	-	-
A11.3.7. Determine serviceability of aircraft tires	*							3c	-	-	-
A11.3.8. Inspect landing gear system								-	-	-	-
A11.3.9. Troubleshoot landing gear system								-	-	-	-
A11.4. UTILITY SYSTEMS TR: 1C-9A-2-21, 1C-9A-2-30, 1C-9A-2-35, 1C-9A-2-36											
A11.4.1. Components and system operation											
A11.4.1.1. Bleed air system								A	-	-	-
A11.4.1.2. Wing overheat warning system								A	-	-	-
A11.4.1.3. Air conditioning system								A	-	-	-
A11.4.1.4. Pressurization system								A	-	-	-
A11.4.1.5. Anti-ice/de-ice system								A	-	-	-
A11.4.1.6. Rain removal system								A	-	-	-

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A11.4.1.7. Fire/overheat warning system								A	-	-	-
A11.4.1.8. Fire extinguishing system								A	-	-	-
A11.4.1.9. Oxygen system								A	-	-	-
<b>A11.4.2. Operate</b>											
A11.4.2.1. Bleed air system								-	-	-	-
A11.4.2.2. Air conditioning system								-	-	-	-
A11.4.2.3. Pressurization system								-	-	-	-
A11.4.2.4. Anti-ice/de-ice system								-	-	-	-
A11.4.2.5. Fire/overheat warning system								-	-	-	-
A11.4.2.6. Oxygen system								2b	-	-	-
<b>A11.4.3. Inspect</b>											
A11.4.3.1. Bleed air system								-	-	-	-
A11.4.3.2. Air conditioning system								-	-	-	-
A11.4.3.3. Pressurization system								-	-	-	-
A11.4.3.4. Anti-ice/de-ice system								-	-	-	-
A11.4.3.5. Rain removal system								-	-	-	-
A11.4.3.6. Fire/overheat warning system								-	-	-	-
A11.4.3.7. Fire extinguishing bottle pressure								-	-	-	-
A11.4.3.8. Oxygen system								-	-	-	-
A11.4.4. Service oxygen system	*							2b	-	-	-
<b>A11.5. FLIGHT CONTROL SYSTEM</b> TR: 1C-9A-2-12, 1C-9A-2-27											
A11.5.1. Components and system operation								B	-	-	-
A11.5.2. Operate flight controls	*							3c	-	-	-
<b>A11.5.3. Remove and install</b>											
A11.5.3.1. Spoiler panels								-	-	-	-
A11.5.3.2. Flap panels								-	-	-	-
A11.5.3.3. Slat sections								-	-	-	-

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A11.5.3.4.	Aileron control wheel							-	-	-	-
A11.5.3.5.	Trim tab actuators							-	-	-	-
A11.5.3.6.	Aileron control tab							-	-	-	-
A11.5.3.7.	Aileron trim tab							-	-	-	-
A11.5.3.8.	Aileron							-	-	-	-
A11.5.3.9.	Elevator control tab							-	-	-	-
A11.5.3.10.	Elevator gear tab							-	-	-	-
A11.5.3.11.	Elevator							-	-	-	-
A11.5.3.12.	Rudder control tab							-	-	-	-
A11.5.3.13.	Rudder							-	-	-	-
A11.5.3.14.	Flap moveable vanes							-	-	-	-
A11.5.4.	Inspect flight control system	*						-	-	-	-
A11.5.5.	Lubricate flight controls	*						3c	-	-	-
A11.5.6.	Rig flight controls							-	-	-	-
A11.5.7.	Troubleshoot flight controls							-	-	-	-
A11.6.	HYDRAULIC SYSTEMS TR: 1C-9A-2-20, 1C-9A-2-29										
A11.6.1.	Components and system operation							B	-	-	-
A11.6.2.	Hydraulic schematics							-	-	-	-
A11.6.3.	Service										
A11.6.3.1.	Reservoir	*						3c	-	-	-
A11.6.3.2.	Accumulator	*						3c	-	-	-
A11.6.4.	Inspect hydraulic system							-	-	-	-
A11.6.5.	Operate										
A11.6.5.1.	Engine driven pump							-	-	-	-
A11.6.5.2.	Non-engine driven pump	*						3c	-	-	-
A11.6.6.	Troubleshoot							-	-	-	-
A11.6.7.	Remove and install										

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A11.6.7.1. Lines								-	-	-	-
A11.6.7.2. Hoses								-	-	-	-
A11.6.7.3. Fittings								-	-	-	-
A11.6.7.4. Swivels								-	-	-	-
A11.6.7.5. Filters								-	-	-	-
A11.6.7.6. Accumulator								-	-	-	-
A11.6.8. Reposition/retorque hydraulic lines for minor leaks								-	-	-	-
A11.7. ENGINES/AUXILIARY POWER UNIT (APU) TR: 1C-9A-2-12, 1C-9A-2-70 series, 1C-9A-2-80											
A11.7.1. Components and system operation								B	-	-	-
A11.7.2. Operate								-	-	-	-
A11.7.2.1. Engine								-	-	-	-
A11.7.2.2. APU	*							2b	-	-	-
A11.7.3. Service											
A11.7.3.1. Oil system	*							3c	-	-	-
A11.7.3.2. Constant speed drive	*							3c	-	-	-
A11.7.3.3. Gearbox								-	-	-	-
A11.7.3.4. APU	*							3c	-	-	-
A11.7.3.5. Starter								-	-	-	-
A11.7.4. Remove and install											
A11.7.4.1. Starter								-	-	-	-
A11.7.4.2. Starter control valve								-	-	-	-
A11.7.4.3. Filters								-	-	-	-
A11.7.5. Take oil sample	*							2b	-	-	-
A11.7.6. Inspect											
A11.7.6.1. Installed engines								-	-	-	-
A11.7.6.2. APU								-	-	-	-

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A11.7.7.	Disable thrust reverser system							3c	-	-	-
A11.8.	AIRCRAFT FUEL SYSTEMS TR: 1C-9A-2-12, 1C-9A-2-28										
A11.8.1.	Fuel components and system internal operation							B	-	-	-
A11.8.2.	Perform operational check of fuel system							2b	-	-	-
A11.8.3.	Refuel aircraft										
A11.8.3.1.	Team member	*						3c	-	-	-
A11.8.3.2.	Team supervisor	*						-	-	-	-
A11.8.3.3.	Concurrent servicing supervisor	*						-	-	-	-
A11.8.4.	Defuel aircraft										
A11.8.4.1.	Team member	*						3c	-	-	-
A11.8.4.2.	Team supervisor	*						-	-	-	-
A11.8.5.	Ground transfer fuel							3c	-	-	-
A11.8.6.	Prepare aircraft for fuel cell maintenance							-	-	-	-
A11.8.7.	Inspect fuel system							-	-	-	-
A11.8.8.	Troubleshoot							-	-	-	-
A11.9.	ELECTRICAL SYSTEMS TR: 1C-9A-2-20, 1C-9A-2-24, 1C-9A-2-110-24										
A11.9.1.	Components and system operation							B	-	-	-
A11.9.2.	Electrical schematics							-	-	-	-
A11.9.3.	Perform operational check with power applied										
A11.9.3.1.	Electrical power supply system	*						2b	-	-	-
A11.9.3.2.	Lighting system							3c	-	-	-
A11.9.3.3.	Indicator warning lights							3c	-	-	-
A11.9.3.4.	Batteries							-	-	-	-
A11.9.4.	Remove and install										

## C-9 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A11.9.4.1. Light lenses								1b	-	-	-
A11.9.4.2. Light bulbs								1b	-	-	-
A11.9.4.3. Batteries								-	-	-	-
A11.9.5. Use wiring diagrams								-	-	-	-
A11.9.6. Inspect											
A11.9.6.1. Components								-	-	-	-
A11.9.6.2. Wiring and connectors								-	-	-	-
A11.9.7. Connect/apply/disconnect external electrical power	*							3c	-	-	-
A11.10. EGRESS SYSTEM TR: 1C-9A-2-25											
A11.10.1. Components and system operation								B	-	-	-
A11.10.2. Inspect egress components								-	-	-	-
A11.10.3. Remove and install forward evacuation slides	*							3c	-	-	-
A11.10.4. Remove and install tail cone evacuation slide	*							3c	-	-	-
A11.11. AEROSPACE GROUND EQUIPMENT (AGE) TR: 30- Series TOs											
A11.11.1. Inspect and operate mobile manually operated platforms								3c	-	-	-
A11.11.2. Inspect and operate aircraft jacks								3c	-	-	-
A11.11.3. Inspect and operate A/M32A-86 electric generator								3c-	-	-	-
A11.11.4. Inspect and operate A/M32A-95 Gas turbine compressor								3c	-	-	-
A11.11.5. Inspect and operate self-generating nitrogen equipment								3c	-	-	-
A11.11.6. Inspect and operate liquid oxygen servicing cart								3c	-	-	-
A11.11.7. Inspect/operate EPU-5 frequency converter								3c	-	-	-

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# E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Note: This attachment is used in conjunction with Attachment 2.											
A12.1.	AIRCRAFT GENERAL TR: 1E-8C-6, 1E-8C-6WC Series TO, 1E-8C-2-43 Series TO, 1E-8C-1, 1E-8C-6WC, 1E-8C-2-09 Series TO; 1E-8C-2-1CL-1, 1E-8C-2-07 Series TO; 1E-8C-5 Series TO										
A12.1.1.	Isochronal inspection concept and inspections TR: TOs 00-20-5, 1E-3A-6										
A12.1.1.1.	Isochronal inspection concept							B	-	-	-
A12.1.1.2.	Perform inspections TR: TO 00-20-1 and -5; 1E-3A-6WC-1 and -2; 1E-3A-6										
A12.1.1.2.1.	Combined preflight/postflight	*						3c	-	-	-
A12.1.1.2.2.	After flight (3A)	*						3c	-	-	-
A12.1.1.2.3.	Before flight (3B)	*						3c	-	-	-
A12.1.1.2.4.	Quick Turn	*						3c	-	-	-
A12.1.1.2.5.	Alert preflight	*						3c	-	-	-
A12.1.1.2.6.	Isochronal										
A12.1.1.2.6.1.	Inspect area I							-	-	-	-
A12.1.1.2.6.2.	Lube area I							-	-	-	-
A12.1.1.2.6.3.	Inspect area II							-	-	-	-
A12.1.1.2.6.4.	Lube area II							-	-	-	-
A12.1.1.2.6.5.	Inspect area III							-	-	-	-
A12.1.1.2.6.6.	Lube area III							-	-	-	-
A12.1.1.2.6.7.	Inspect area IV							-	-	-	-
A12.1.1.2.6.8.	Lube area IV							-	-	-	-
A12.1.1.2.6.1.	Isochronal A							-	-	-	-
A12.1.1.2.6.2.	Isochronal B							-	-	-	-
A12.1.1.2.7.	Home Station Check (HSC)							-	-	-	-
A12.1.1.2.8.	Acceptance							-	-	-	-

# E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.1.1.2.9. Calendar								-	-	-	-
A12.1.1.2.10. Special								-	-	-	-
A12.1.1.2.11. Time change item								-	-	-	-
A12.1.2. Aircraft communications equipment TR: TO 1E-3A-2-1-1											
A12.1.2.1. Operate VHF/UHF radios								-	-	-	-
A12.1.2.2. Use interphone	*							3c	-	-	-
A12.1.3. Perform ground handling TR: AFI 11-218; TO 00-25-172, 1E-3A-1, 1E-3A-2-7, 1E-3A-6WC-1											
A12.1.3.1. Launch aircraft	*							3c	-	-	-
A12.1.3.2. Recover aircraft	*							3c	-	-	-
A12.1.3.3. Engines running crew change								-	-	-	-
A12.1.3.4. Tow aircraft TR: TOs 1E-3A-2-7; 1E-3A-2-7-2CL-1; 36A10 series											
A12.1.3.4.1. Wing/tail walker	*							3c	-	-	-
A12.1.3.4.2. Brake operator	*							3c	-	-	-
A12.1.3.4.3. Tow team supervisor		*						-	-	-	-
A12.1.3.4.4. Tow vehicle operator								-	-	-	-
A12.1.3.5. Jack and level aircraft TR: TOs 1E-3A-2-7; 1E-3A-2-7-1CL-1											
A12.1.3.5.1. Jacking team member								-	-	-	-
A12.1.3.5.2. Jacking supervisor								-	-	-	-
A12.1.3.6. Axle jacking	*							3c	-	-	-
A12.1.4. Assist in weight and balance functions TR: TO 1E-3A-5-1 and -2; 1-1B-40 and -50								-	-	-	-
A12.1.5. Aircraft wash TR 6WC-3											
A12.1.5.1. Team member								-	-	-	-

# E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. Tasks, Knowledge And Technical References											
A12.1.5.2. Team supervisor								-	-	-	-
A12.1.5.3. Post wash lube								-	-	-	-
A12.2. AIRFRAME SYSTEMS TR: TOs 1E-3A-2-7 and 1E-3A-3-1, 1E-8C-3 Series TO, 1E-8C-2-52 Series TO; 1E-8C-2-05 Series TO; 1E-8C-2-71 Series TO; 1E-8C-2-00 GV Series TO; 1E-8C-2-56 Series TO; 1E-8C-2-25 Series TO; 1E-8C-6, 1E-8C-12 Series TO											
A12.2.1. Airframe components and structure								A	-	-	-
A12.2.2. Operate TR: TOs 1E-3A-1 and -2-32-1											
A12.2.2.1. Entry door/hatch	*							3c	-	-	-
A12.2.2.2. Emergency door/hatch	*							3c	-	-	-
A12.2.2.3. Wheel well doors	*							3c	-	-	-
A12.2.3. Remove and install TR: TOs 1E-3A-2-7; 1E-3A-3-1 and 1E-3A-23											
A12.2.3.1. Cowling	*							3c	-	-	-
A12.2.3.2. Panels	*							3c	-	-	-
A12.2.3.3. Nonexplosive seats								3c	-	-	-
A12.2.3.4. Windows								-	-	-	-
A12.2.3.5. Life rafts								3c	-	-	-
A12.2.5. Open and close TR: TO 1E-3A-2-7											
A12.2.5.1. Cowling	*							3c	-	-	-
A12.2.5.2. Radomes	*							-	-	-	-
A12.2.6. Inspect airframe and components TR: TO 1E-3A-6; 1E-3A-3-1, 1E-3A-36, and applicable -2 TOs								-	-	-	-
A12.2.7. Perform aircraft cold weather procedures TR: TO 1E-3A-2-7								-	-	-	-

# E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT						4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)				
		A	B	C	D	E		A 3 Skill Level	B 5 Skill Level	C 7 Skill Level		
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.2.8.	Inspect crew/passenger comfort facilities TR: TO 1E-3A-6	*							3c	-	-	-
A12.2.9.	Service crew/passenger comfort facilities TR: TOs 1E-3A-6; 1E-3A-2-7; 1E-3A-3-1 and 1E-3A-23	*							3c	-	-	-
A12.3.	LANDING GEAR SYSTEMS TR: TO 1E-3A-2-32-1; 1E-8C-2-32 Series TO; 1E-8C-2-05 Series TO; 1E-8C-2-12 Series TO; 1E-8C-6; 1E-8C-2-32FI Series TO											
A12.3.1.	Landing gear components and system operation								A	-	-	-
A12.3.2.	Perform operational check TR: TO 1E-3A-2-32-1											
A12.3.2.1.	Landing gear	*							-	-	-	-
A12.3.2.2.	Brakes	*							-	-	-	-
A12.3.2.3.	Steering system								-	-	-	-
A12.3.2.4.	Anti skid								-	-	-	-
A12.3.3.	Service TR: TOs 1E-3A-2-32-1; 1E-3A-2-7 and 4T-1-3											
A12.3.3.1.	Landing gear struts	*							3c	-	-	-
A12.3.3.2.	Tires	*							3c	-	-	-
A12.3.4.	Lubricate landing gear components								-	-	-	-
A12.3.5.	Remove and install TR: TOs 1E-3A-2-32-1, 1E-3A-2-7											
A12.3.5.1.	Wheel and tire assemblies	*							3c	-	-	-
A12.3.5.2.	Brake assemblies	*							2b	-	-	-
A12.3.6.	Bleed brake system	*							2b	-	-	-
A12.3.7.	Determine serviceability of aircraft tires TR: TO 4T-1-3	*							3c	-	-	-
A12.3.8.	Inspect landing gear system	*							3c	-	-	-

## E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.3.9.	TR: TO 1E-3A-6, 1E-3A-3-1, 1E-3A-36, and 1E-3A-2-32-1							-	-	-	-
A12.4.	UTILITY SYSTEMS TR: TOs 1E-3A-2-7, 1E-3A-2-21-1, and 1E-3A-2-24-1, 1E-8C-2-21 Series TO; 1E-8C-2-30 Series TO; 1E-8C-2-35 Series TO; 1E-8C-6; 1E-8C-2-35 JG Series TO; 1E-8C-2-75 Series TO; 1E-8C-2-30JG Series TO; 1E-8C-2-26JG Series TO										
A12.4.1.	Utility components and system operation							A	-	-	-
A12.4.2.	Perform operational check TR: TOs 1E-3A-2-7, 1E-3A-2-21-1, 1E-3A-2-24-1, 1E-3A-2-31-1, 1E-3A-2-71-1										
A12.4.2.1.	Bleed air system							-	-	-	-
A12.4.2.2.	Air conditioning system	*						3c	-	-	-
A12.4.2.3.	Pressurization system							-	-	-	-
A12.4.2.4.	Anti-ice/de-ice system							-	-	-	-
A12.4.2.5.	Rain removal/wiper system							-	-	-	-
A12.4.2.6.	Fire/overheat warning system							-	-	-	-
A12.4.2.7.	Fire extinguishing system							-	-	-	-
A12.4.2.8.	Oxygen system							-	-	-	-
A12.4.3.	Oxygen system TR: TO 00-25-172; 1E-3A-2-7										
A12.4.3.1.	Service	*						3c	-	-	-
A12.4.3.2.	Drain	*						-	-	-	-
A12.4.4.	Inspect TR: TO 1E-3A-6, 1E-3A-2-7, 1E-3A-2-21-1, 1E-3A-2-31-1, 1E-3A-2-71-1										
A12.4.4.1.	Bleed air system	*						3c	-	-	-
A12.4.4.2.	Air conditioning system	*						3c	-	-	-

## E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course (2) CDC
A12.4.4.3. Pressurization system	*							3c	-	- - -
A12.4.4.4. Anti-ice/de-ice system	*							3c	-	- - -
A12.4.4.5. Rain removal system	*							3c	-	- - -
A12.4.4.6. Fire/overheat warning system	*							3c	-	- - -
A12.4.4.7. Fire extinguishing system	*							3c	-	- - -
A12.4.4.8. Oxygen system	*							3c	-	- - -
A12.4.5. Troubleshoot utility systems								-	-	- - -
A12.4.6. Operate forced air cooling system	*							2b	-	- - -
A12.5. FLIGHT CONTROL SYSTEM TR: TOs 1E-3A-2-7, 1E-3A-2-27-1, 1E-3A-3-1; 1E-3A-6, -23, -36; 1E-8C-6, 1E-8C-2-27 Series TO; 1E-8C-2-00GV Series TO										
A12.5.1. Flight control components and system operation								A	-	- - -
A12.5.2. Operate flight controls	*							3c	-	- - -
A12.5.3. Perform operational check of flight controls								-	-	- - -
A12.5.4. Remove and install flight control components								-	-	- - -
A12.5.5. Inspect flight controls TR: TO 1E-3A-6	*							3c	-	- - -
A12.5.6. Lubricate flight controls								-	-	- - -
A12.5.7. Rig flight controls								-	-	- - -
A12.5.8. Troubleshoot								-	-	- - -
A12.6. HYDRAULIC SYSTEMS TR: TOs 1E-3A-2-1-1, 1E-3A-2-7, 1E-3A-2-29-1, 1E-3A-6, 1E-8C-6, 1E-8C-2-29 Series TO; 1E-8C-2-05 Series TO; 1E-8C-2-1CL-1										
A12.6.1. Hydraulic components and system operation								A	-	- - -
A12.6.2. Operation principle of rotodome system								B	-	- - -

## E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.6.3. Hydraulic system											
A12.6.3.1. Service reservoir	*							3c	-	-	-
A12.6.3.2. Service accumulator	*							3c	-	-	-
A12.6.3.3. Inspect major components TR: TO 1E-3A-6	*							3c	-	-	-
A12.6.3.4. Operate											
A12.6.3.4.1. Engine driven pump								-	-	-	-
A12.6.3.4.2. Non-engine driven pump	*							3c	-	-	-
A12.6.3.4.3. Rotodome	*							-	-	-	-
A12.6.5. Troubleshoot								-	-	-	-
A12.7. ENGINES AND AUXILIARY POWER UNIT (APU) TR: TOs 1E-3A-2-7, 1E-3A-2-71-1, 1E-3A-2-71-1CL-1, 1E-3A-2-71-1, 1E-3A-6, 2J-TF33-46, 2G-GTCP165-16, 1E-8C-2-1CL-1; AFI 11-218; 1E-8C-2-05 Series TO; 1E-8C-6; 1E-8C-2-49 Series TO; 1E-8C-2-71 Series TO;											
A12.7.1. Components and system operation								A	-	-	-
A12.7.2. Perform											
A12.7.2.1. Engine operational check								-	-	-	-
A12.7.2.2. Engine trim								-	-	-	-
A12.7.3. Operate TR: AFOSH Standard 127-66											
A12.7.3.1. Engine and subsystems								-	-	-	-
A12.7.3.2. APU	*							3c	-	-	-
A12.7.4. Service											
A12.7.4.1. Oil system	*							3c	-	-	-
A12.7.4.2. Gearbox								-	-	-	-
A12.7.4.3. APU	*							3c	-	-	-
A12.7.5. Remove and install starter								2b	-	-	-

# E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.7.6.	Take engine oil sample TR: TOs 42B2-1-9, 33-1-37	*						3c	-	-	-
A12.7.7.	Inspect installed engine TR: TO 1E-3A-6										
A12.7.7.1.	Turbine	*						3c	-	-	-
A12.7.7.2.	Compressor	*						3c	-	-	-
A12.7.8.	Inspect APU TR: TO 1E-3A-6	*						3c	-	-	-
A12.7.9.	Troubleshoot							-	-	-	-
A12.8.	AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds; TOs 00-25-172, 1E-3A-2-28-1, 1E-3A-2-7, 1E-8C-6, 1E-8C-2-28 Series TO, 1E-8C-12 Series TO										
A12.8.1.	Fuel components and system operation							A	-	-	-
A12.8.2.	Perform operational check of fuel system							-	-	-	-
A12.8.3.	Refuel aircraft TR: TOs 1E-3A-2-7, 1E-3A-2-7-5CL-1, 1E-3A-5-2										
A12.8.3.1.	Team member	*						3c	-	-	-
A12.8.3.2.	Team panel operator	*						3c	-	-	-
A12.8.3.3.	Team supervisor		*					-	-	-	-
A12.8.4.	Defuel aircraft TR: TOs 1E-3A-2-7, 1E-3A-2-7-5CL-1, 1E-3A-5-2										
A12.8.4.1.	Team member	*						3c	-	-	-
A12.8.4.2.	Team panel operator	*						3c	-	-	-
A12.8.4.3.	Team supervisor		*					-	-	-	-
A12.8.5.	Prepare aircraft for fuel cell maintenance TR: TOs 1-1-3, 1E-3A-2-28-1							-	-	-	-
A12.8.6.	Inspect fuel system TR: TOs 1-1-3; 1E-3A-6, -23, -36; and 1E-3A-2-28-1	*						3c	-	-	-

## E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.8.7.	In-flight refueling (IFR) system TR: TOs 1-1-3; 1E-3A-2-7, 1E-3A-3-1, 1E-3A-6,-36; and 1E-3A-2-28-1										
A12.8.7.1.	Perform operational check	*						-	-	-	-
A12.8.7.2.	Inspect IFR TR: TO 1E-3A-6	*						3c	-	-	-
A12.8.8.	Ground transfer fuel	*						3c	-	-	-
A12.9.	ELECTRICAL SYSTEMS TR: TOs 1E-3A-2-1-1, 1E-3A-2-7, 1E-3A-2-24-1, 1E-3A-6, 1E-3A-2-110-1, 1-1A-14, 1E-8C-2-24 Series TO, 1E-8C-2-05 Series TO, 1E-8C-2-12 Series TO										
A12.9.1.	Electrical components and system operation							A	-	-	-
A12.9.2.	Perform operational check with external power unit/APU										
A12.9.2.1.	Electrical power supply system	*						-	-	-	-
A12.9.2.2.	Lighting system	*						3c	-	-	-
A12.9.2.3.	Indicator warning lights	*						3c	-	-	-
A12.9.3.	Remove and install										
A12.9.3.1.	Light lenses	*						2b	-	-	-
A12.9.3.2.	Light bulbs	*						2b	-	-	-
A12.9.3.3.	Batteries	*						3c	-	-	-
A12.9.4.	Use wiring diagrams							-	-	-	-
A12.9.5.	Inspect										
A12.9.5.1.	Components	*						3c	-	-	-
A12.9.5.2.	Wiring and connectors	*						3c	-	-	-
A12.9.6.	Connect/apply/disconnect external electrical power	*						3c	-	-	-
A12.9.7.	Service integrated drive generator TR: TO 1E-3A-2-7, 1E-3A-2-71-1	*						3c	-	-	-

## E-3/E-8 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A12.10. EGRESS SYSTEM TR: TOs 1E-3A-2-7, 1E-3A-6 1E-8C-6, 1E-8C-2-25 Series TO											
A12.10.1. Egress components and system operation	*							A	-	-	-
A12.10.2. Inspect evacuation slides	*							3c	-	-	-
A12.10.3. Remove and install evacuation slide	*							3c	-	-	-
A12.11. AEROSPACE GROUND EQUIPMENT											
A12.11.1. Inspect and operate Liquid Coolant System (LCS) TR: TO 35D29- series	*							3c	-	-	-
A12.11.2. Inspect and operate AM32A-95 gas turbine compressor TR: TO 35D12 - series	*							-	-	-	-
A12.11.3. Inspect and operate ACE 406-322 air conditioner TR: TO 35E9- series								3c	-	-	-

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC

NOTE: This attachment is used in conjunction with Attachment 2.

A13.1. AIRCRAFT GENERAL											
A13.1.1. Inspection concept and inspections TR: TOs 00-20-5, 1C-10(K)A-6											
A13.1.1.1. C-Check Inspection								A	-	-	-
A13.1.1.2. Perform inspections											
A13.1.1.2.1. Preflight	*							2b	-	-	-
A13.1.1.2.2. Thruflight	*							2b	-	-	-
A13.1.1.2.3. Basic postflight	*							2b	-	-	-
A13.1.1.2.4. Park and receive	*							2b	-	-	-
A13.1.1.2.5. Quick Turn								-	-	-	-
A13.1.1.2.6. Engine run crew change								-	-	-	-
A13.1.1.2.7. Preflight/postflight (PRPO)								-	-	-	-
A13.1.1.2.8. "A" check inspections								A	-	-	-
A13.1.1.2.9. Acceptance								-	-	-	-
A13.1.1.2.10. Calendar								-	-	-	-
A13.1.1.2.11. Special inspections								-	-	-	-
A13.1.1.2.11.1. Clear red X (primary AFSC) TR: AFI 21-101, applicable 00-20 series TOs								-	-	-	-
A13.1.1.2.11.2. Perform in-progress inspection (primary AFSC) TR: AFI 21-101, Applicable 00-20 series TOs								-	-	-	-
A13.1.1.2.11.3. Perform exterior panel/secondary structure inspection TR: AMCI 21-103								-	-	-	-
A13.1.1.2.11.4. Perform/clear inlet and exhaust inspection TR: applicable aircraft -2 TO								-	-	-	-
A13.1.1.2.11.5. Clear repeat/recurring discrepancies TR: AFI 21-101								-	-	-	-

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.1.1.2.11.6. Clear “could not duplicate” Discrepancies TR: AFI 21-101								-	-	-	-
A13.1.1.2.12. Clear Time Change Item (TCI)								-	-	-	-
A13.1.2. Air Transport Association (ATA) technical orders (TOs ) TR: Applicable KC-10 TOs											
A13.1.2.1. ATA TO System	*							B	-	-	-
A13.1.2.2. Use ATA TOs	*							2b	-	-	-
A13.1.2.3. Service bulletins and air worthiness directives								A	-	-	-
A13.1.3. Aircraft communications equipment TR: Applicable -2 TOs											
A13.1.3.1. Operate radio	*							-	-	-	-
A13.1.3.2. Use interphone	*							2b	-	-	-
A13.1.4. Perform aircraft ground handling TR: AFI 11-218, AFOSH Std 91-100, TO 00-25-172, applicable aircraft -2 TOs											
A13.1.4.1. Launch	*							B	-	-	-
A13.1.4.2. Recover	*							B	-	-	-
A13.1.4.3. Tow aircraft											
A13.1.4.3.1. Perform as wing/tail walker	*							2b	-	-	-
A13.1.4.3.2. Perform as brake operator	*							2b	-	-	-
A13.1.4.3.3. Perform as tow team supervisor		*						-	-	-	-
A13.1.4.3.4. Perform as tow vehicle operator			*					-	-	-	-
A13.1.4.3.5. Perform as tail stand team supervisor			*					-	-	-	-
A13.1.4.3.6. Perform as tail stand tow vehicle operator				*				-	-	-	-
A13.1.4.4. Jack and level aircraft											
A13.1.4.4.1. Perform as jacking team member								A	-	-	-
A13.1.4.4.2. Perform as jacking supervisor								-	-	-	-

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.1.4.5. Jack using axle jack	*							2b	-	-	-
A13.1.5. Assist in weight and balance functions TR: 1C-10(K)A-5								-	-	-	-
A13.1.6. Cargo winch											
A13.1.6.1. Remove and install								-	-	-	-
A13.1.6.2. Service and repair								-	-	-	-
A13.1.6.3. Operate								-	-	-	-
A13.1.7. Remove/install/repair											
A13.1.7.1. Cargo rollers								-	-	-	-
A13.1.7.2. Cargo rails								-	-	-	-
A13.1.7.3. Restraint locks								-	-	-	-
A13.1.8. Troubleshoot/adjust rails								-	-	-	-
A13.1.9. Configure aircraft											
A13.1.9.1. Rolling stock/palletized cargo								-	-	-	-
A13.1.9.2. Passenger/personnel								-	-	-	-
A13.1.9.3. Distinguished Visitor (DV)								-	-	-	-
A13.1.9.4. Maintain/store/configure -21 equipment								-	-	-	-
A13.1.9.5. Palletized Seats								-	-	-	-
A13.1.9.6. Z-Lavatory/Miscellaneous Storage Compartment								-	-	-	-
A13.1.9.7. Cargo-only configuration								-	-	-	-
A13.1.10. Remove/Install Increase Accommodation Unit (IAU)								-	-	-	-
A13.1.11. Perform operational check IAU								-	-	-	-
A13.2. AIRFRAME SYSTEMS TR: Applicable aircraft -2 TOs											
A13.2.1. Components and structure								A	-	-	-
A13.2.2. Operate											
A13.2.2.1. Entry doors	*							2b	-	-	-

STS 2A5X1

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.2.2. Cargo door	*							2b	-	-	-
A13.2.3. Wheel well doors	*							2b	-	-	-
A13.2.3. Lower tail cone assembly								-	-	-	-
A13.2.4. Raise tail cone assembly								-	-	-	-
A13.2.5. Raise/lower air refueling operator door to/from maintenance position								-	-	-	-
A13.2.6. Remove and install											
A13.2.6.1. Panels								2b	-	-	-
A13.2.6.2. Crew seats								-	-	-	-
A13.2.6.3. Air refueling operator seats								-	-	-	-
A13.2.6.4. Windows								-	-	-	-
A13.2.6.5. Life rafts/slides								-	-	-	-
A13.2.6.6. Radome								-	-	-	-
A13.2.6.7. Crew entry ladder								2b	-	-	-
A13.2.7. Open and close											
A13.2.7.1. Cowling	*							2b	-	-	-
A13.2.7.2. Radome								-	-	-	-
A13.2.8. Perform aircraft cold weather procedures								-	-	-	-
A13.3. LANDING GEAR SYSTEMS TR: Applicable aircraft -2 TOs											
A13.3.1. Components and system operation								A	-	-	-
A13.3.2. Perform operational check											
A13.3.2.1. Landing gear								-	-	-	-
A13.3.2.2. Brakes	*							2b	-	-	-
A13.3.2.3. Steering system								-	-	-	-
A13.3.2.4. Anti skid								-	-	-	-
A13.3.3. Raise/lower center landing gear		*						-	-	-	-
A13.3.4. Perform dummy retract								-	-	-	-

STS 2A5X1

(Attachment 13)

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.3.5. Service	*										
A13.3.5.1. Landing gear struts	*							2b	-	-	-
A13.3.5.2. Tires	*							2b	-	-	-
A13.3.6. Lubricate landing gear components								-	-	-	-
A13.3.7. Remove and install											
A13.3.7.1. Wheel and tire assemblies	*							2b	-	-	-
A13.3.7.2. Brake assemblies	*							2b	-	-	-
A13.3.7.3. Main landing gear assembly								-	-	-	-
A13.3.7.4. Center landing gear assembly								-	-	-	-
A13.3.7.5. Nose landing gear assembly								-	-	-	-
A13.3.8. Rig landing gear components								-	-	-	-
A13.3.9. Bleed brakes system								-	-	-	-
A13.3.10. Determine serviceability of tires TR: TO 4T-1-3, applicable aircraft -2 TOs	*							2b	-	-	-
A13.3.11. Inspect landing gear systems TR: TOs 1C-10(K)A-6								2b	-	-	-
A13.3.12. Troubleshoot								-	-	-	-
A13.4. UTILITY SYSTEMS TR: Applicable aircraft -2 TOs											
A13.4.1. Components and system operation								A	-	-	-
A13.4.2. Perform operational check											
A13.4.2.1. Bleed air system								-	-	-	-
A13.4.2.2. Air conditioning system								-	-	-	-
A13.4.2.3. Pressurization system								-	-	-	-
A13.4.2.4. Anti-ice/de-ice system								-	-	-	-
A13.4.2.5. Rain removal system								-	-	-	-
A13.4.2.6. Fire warning system	*							2b	-	-	-
A13.4.2.7. Fire extinguishing system								-	-	-	-
A13.4.2.8. Oxygen system	*							2b	-	-	-

STS 2A5X1

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.4.3. Inspect TR: 1C-10(K)A-6,											
A13.4.3.1. Bleed air system								-	-	-	-
A13.4.3.2. Air conditioning system								-	-	-	-
A13.4.3.3. Pressurization system								-	-	-	-
A13.4.3.4. Anti-ice/de-ice system								-	-	-	-
A13.4.3.5. Rain removal system								2b	-	-	-
A13.4.3.6. Fire warning system								2b	-	-	-
A13.4.3.7. Fire extinguishing system								-	-	-	-
A13.4.3.8. Oxygen system								2b	-	-	-
A13.4.4. Service oxygen system TR: TO 00-25-172, Applicable aircraft -2 TOs								2b			
A13.4.5. Troubleshoot Utility Systems								-	-	-	-
A13.5. FLIGHT CONTROL SYSTEMS TR: Applicable aircraft -2 TOs											
A13.5.1. Components and system operation									A	-	-
A13.5.2. Operate flight controls	*								2b	-	-
A13.5.3. Remove/install components											
A13.5.3.1. Aileron system components									-	-	-
A13.5.3.2. Rudder system components									-	-	-
A13.5.3.3. Elevator system components									-	-	-
A13.5.3.4. Spoiler system components									-	-	-
A13.5.3.5. Flap system components									-	-	-
A13.5.3.6. Slat system components									-	-	-
A13.5.4. Inspect flight controls TR: 1C-10(K)A-6									2b	-	-
A13.5.5. Lubricate flight controls									-	-	-
A13.5.6. Rig flight controls											
A13.5.6.1. Aileron system									-	-	-
A13.5.6.2. Rudder system									-	-	-

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1.	Tasks, Knowledge And Technical References	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.5.6.3. Elevator system								-	-	-	-
A13.5.6.4. Spoiler system								-	-	-	-
A13.5.6.5. Flap system								-	-	-	-
A13.5.6.6. Slat system								-	-	-	-
A13.5.7. Troubleshoot								-	-	-	-
A13.6. HYDRAULIC SYSTEMS TR: Applicable aircraft -2 TOs											
A13.6.1. Components and system operation	*							A	-	-	-
A13.6.2. Service	*										
A13.6.2.1. Reservoir	*							2b	-	-	-
A13.6.2.2. Accumulator	*							2b	-	-	-
A13.6.3. Inspect major components TR: 1C-10(K)A-6								2b	-	-	-
A13.6.4. Operate											
A13.6.4.1. Engine driven pump								-	-	-	-
A13.6.4.2. Non-engine driven pump	*							2b	-	-	-
A13.6.5. Troubleshoot								-	-	-	-
A13.7. ENGINES AND AUXILIARY POWER UNIT (APU) TR: Applicable aircraft -2 TOs											
A13.7.1. Engine and APU components and system operation								A	-	-	-
A13.7.2. Perform											
A13.7.2.1. Engine operational check								-	-	-	-
A13.7.2.2. Engine trim								-	-	-	-
A13.7.3. Disable/deactivate thrust reverser System	*							-	-	-	-
A13.7.4. Manually operate engine starter valve								-	-	-	-
A13.7.5. Operate TR: AFOSH Std 91-100, applicable aircraft -2 TOs											

STS 2A5X1

(Attachment 13)

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	1	2	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.7.5.1. Engine and subsystems	*							-	-	-	-
A13.7.5.2. APU	*							2b	-	-	-
A13.7.6. Service											
A13.7.6.1. Oil system	*							2b	-	-	-
A13.7.6.2. Constant speed drive	*							2b	-	-	-
A13.7.6.3. APU	*							2b	-	-	-
A13.7.7. Remove and Install											
A13.7.7.1. Engine Starter								-	-	-	-
A13.7.7.2. Minor components								-	-	-	-
A13.7.7.3. APU Starter								-	-	-	-
A13.7.8. Take engine oil sample	*							2b	-	-	-
A13.7.9. Inspect installed engine TR: 1C-10(K)A-6, applicable aircraft -2 TOs											
A13.7.9.1. Exhaust								2b	-	-	-
A13.7.9.2. Inlet								2b	-	-	-
A13.7.10. Blend fan blades	*							-	-	-	-
A13.7.11. Troubleshoot								-	-	-	-
A13.7.12. Inspect APU								2b	-	-	-
A13.8. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Standards, TO 00-25-172, applicable aircraft -2 TOs											
A13.8.1. Components and system operation								A	-	-	-
A13.8.2. Perform fuel servicing operations									-	-	-
A13.8.2.1. Ground transfer	*							2b	-	-	-
A13.8.2.2. Refuel											
A13.8.2.2.1. Team member	*							2b	-	-	-
A13.8.2.2.2. Team panel operator	*							2b	-	-	-
A13.8.2.2.3. Team supervisor	*	*						-	-	-	-

STS 2A5X1

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.8.2.3. Defuel											
A13.8.2.3.1. Team member	*							2b	-	-	-
A13.8.2.3.2. Team panel operator	*							2b	-	-	-
A13.8.2.3.3. Team supervisor		*						-	-	-	-
A13.8.2.4. Concurrent servicing supervisor		*						-	-	-	-
A13.8.3. Prepare aircraft for fuel cell maintenance TR: TO 1-1-3, Applicable aircraft -2 TOs								-	-	-	-
A13.8.4. Inspect fuel system TR: 1C-10(K)A-6								2b	-	-	-
A13.8.5. In flight refueling (IFR) system TR: 1C-10(K)A-6, applicable aircraft -2 TOs											
A13.8.5.1. Receiver system											
A13.8.5.1.1. Inspect								2b	-	-	-
A13.8.5.1.2. Operate	*							2b	-	-	-
A13.8.5.2. Aerial refueling boom system											
A13.8.5.2.1. Inspect boom assembly								2b	-	-	-
A13.8.5.2.2. Operate status test panel								-	-	-	-
A13.8.5.2.3. Raise/lower boom	*							2b	-	-	-
A13.8.5.2.4. Extend/retract boom	*							2b	-	-	-
A13.8.5.2.5. Deploy/re-deploy boom		*						-	-	-	-
A13.8.5.2.6. Inspect/operate boom dolly								-	-	-	-
A13.8.5.3. Drogue system											
A13.8.5.3.1. Inspect Wing Aerial Refueling Pod ( WARP)								-	-	-	-
A13.8.5.3.2. Extend/retract WARP								-	-	-	-
A13.8.5.3.3. Extend/retract center drogue								-	-	-	-
A13.8.5.3.4. Inspect center drogue		*						-	-	-	-
A13.8.6. Troubleshoot fuel systems								-	-	-	-

STS 2A5X1

(Attachment 13)

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. Tasks, Knowledge And Technical References	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A13.9. ELECTRICAL SYSTEMS TR: Applicable aircraft -2 TOs											
A13.9.1. Components and system operation								A	-	-	-
A13.9.2. Perform operational checks with external power unit/APU											
A13.9.2.1. Electrical power supply system								2b	-	-	-
A13.9.2.2. Lighting system								2b	-	-	-
A13.9.2.3. Indicator warning lights								2b	-	-	-
A13.9.3. Remove and Install											
A13.9.3.1. Light lenses	*							2b	-	-	-
A13.9.3.2. Light bulbs	*							2b	-	-	-
A13.9.3.3. Batteries	*							2b	-	-	-
A13.9.4. Use wiring diagrams								-	-	-	-
A13.9.5. Inspect TR: 1C-10(K)A-6											
A13.9.5.1. Components								2b	-	-	-
A13.9.5.2. Wiring and connectors								2b	-	-	-
A13.9.6. Connect/apply/disconnect external electrical power	*							2b	-	-	-
A13.9.7. Troubleshoot								-	-	-	-
A13.10. EGRESS SYSTEM TR: Applicable aircraft -2 TOs											
A13.10.1. Components and system operation								A	-	-	-
A13.10.2. Inspect TR: 1C-10(K)A-6								2b	-	-	-
A13.10.3. Operate system (excluding slide)								b	-	-	-
A13.11. Crew/passenger comfort facilities TR: Applicable aircraft –2 TOs											
A13.11.1. Galley and equipment											
A13.11.1.1. Remove and install components								-	-	-	-
A13.11.1.2. Inspect/operationally check components								-	-	-	-

STS 2A5X1

# KC-10 QUALITATIVE REQUIREMENTS

STS 2A5X1

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
	5	7	A Training Start	B Training Complete	C Trainee Initials	D Trainer Initials	E Certifier Initials	A 3 Skill Level Course	B 5 Skill Level CDC	C 7 Skill Level (1) Course (2) CDC
A13.11.2. Lavatory and waste system										
A13.11.2.1. Remove/install/repair components								-	-	-
A13.11.2.2. Inspect/operationally check components								-	-	-
A13.11.2.3. Service lavatory system	*							2b/b	-	-
A13.11.3. Potable water system										
A13.11.3.1. Remove/install potable water filter components								-	-	-
A13.11.3.2. Inspect/operationally check system								-	-	-
A13.11.3.3. Service system	*							2b/b	-	-

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# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC

Note: This attachment is used in conjunction with Attachment 2.

A14.1. AIRCRAFT GENERAL									
A14.1.1. Inspection concept and inspection TR: TOs 00-20-5, 1E-4B-6									
A14.1.1.1. Phase inspection concept							-	-	-
A14.1.1.2. Perform inspections									
A14.1.1.2.1. Preflight									
A14.1.1.2.1.1. Work area #1	*						-	-	-
A14.1.1.2.1.2. Work area #2 and #3	*						-	-	-
A14.1.1.2.1.3. Work area #4	*						-	-	-
A14.1.1.2.2. Thruflight									
A14.1.1.2.2.1. Work area #1	*						-	-	-
A14.1.1.2.2.2. Work area #2 and #3	*						-	-	-
A14.1.1.2.2.3. Work area #4	*						-	-	-
A14.1.1.2.3. Basic postflight									
A14.1.1.2.3.1. Work area #1	*						-	-	-
A14.1.1.2.3.2. Work area #2 and #3	*						-	-	-
A14.1.1.2.3.3. Work area #4	*						-	-	-
A14.1.1.2.4. Preflight/postflight (PRPO)									
A14.1.1.2.4.1. Work area #1							-	-	-
A14.1.1.2.4.2. Work area #2 and #3							-	-	-
A14.1.1.2.4.3. Work area #4							-	-	-
A14.1.1.2.5. Quick turn							-	-	-
A14.1.1.2.6. Alert							-	-	-
A14.1.1.2.7. Special									
A14.1.1.2.7.1. Clear red X (primary AFSC) TR: AFI 21-101	*						-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC
A14.1.1.2.7.2. Perform in progress inspection (primary AFSC) TR: AFI 21-101	*						-	-	-
A14.1.1.2.7.3. Perform exterior panel and secondary structure inspection TR: applicable local directives	*						-	-	-
A14.1.1.2.7.4. Perform/clear inlet and exhaust inspection TR: TO 1E-4B-2-71	*						-	-	-
A14.1.1.2.7.5. Clear repeat/recurring discrepancies TR: AFI 21-101	*						-	-	-
A14.1.1.2.7.6. Clear "can not duplicate" discrepancies TR: AFI 21-101	*						-	-	-
A14.1.2. Air Transport Association (ATA) TOs TR: 1E-4B-2-1									
A14.1.2.1 ATA TO system							-	-	-
A14.1.2.2. Use ATA TOs	*						-	-	-
A14.1.2.3. Service bulletins and air worthiness directives							-	-	-
A14.1.3. Aircraft communications equipment TR: Applicable aircraft -2 TOs									
A14.1.3.1. Operate radio							-	-	-
A14.1.3.2. Use interphone	*						-	-	-
A14.1.4. Perform ground handling TR: AFI 11-218; AFOSH Std 91-100, TO 00-25-172, applicable aircraft -2 TOs									
A14.1.4.1. Launch aircraft	*						-	-	-
A14.1.4.2. Recover aircraft	*						-	-	-
A14.1.4.3. Tow aircraft									
A14.1.4.3.1. Wing/tail walker	*						-	-	-
A14.1.4.3.2. Brake operator	*						-	-	-
A14.1.4.3.3. Tow team supervisor	*						-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC
A14.1.4.3.4. Tow vehicle operator							-	-	-
A14.1.4.4. Jack and level aircraft									
A14.1.4.4.1. Jacking team member							-	-	-
A14.1.4.4.2. Jacking supervisor							-	-	-
A14.1.4.5. Axle jacking	*						-	-	-
A14.1.5. Assist in weight and balance functions TR: TO 1E-4B-5							-	-	-
A14.2. AIRFRAME SYSTEMS TR: Applicable aircraft -2 TOs									
A14.2.1. Components and structure							-	-	-
A14.2.2. Operate									
A14.2.2.1. Entry door/hatch	*						-	-	-
A14.2.2.2. Cargo door	*						-	-	-
A14.2.2.3. Wheel well doors	*						-	-	-
A14.2.3. Remove and install									
A14.2.3.1. Panels	*						-	-	-
A14.2.3.2. Non-explosive seats							-	-	-
A14.2.3.3. Windows							-	-	-
A14.2.3.4. Life rafts/slides							-	-	-
A14.2.3.5. Radome							-	-	-
A14.2.4. Open and close									
A14.2.4.1. Cowling	*						-	-	-
A14.2.4.2. Radome							-	-	-
A14.2.5. Perform aircraft cold weather procedures							-	-	-
A14.2.6. Service crew/passenger comfort facilities TR: TO 1E-4B-2-12									
A14.2.6.1. Potable water	*						-	-	-
A14.2.6.2. Lavatories	*						-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)					
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A14.3. LANDING GEAR SYSTEMS TR: applicable aircraft -2 TOs												
A14.3.1. Components and system operation									-	-	-	-
A14.3.2. Perform operational check												
A14.3.2.1. Landing gear									-	-	-	-
A14.3.2.2. Brakes	*								-	-	-	-
A14.3.2.3. Steering system									-	-	-	-
A14.3.2.4. Anti skid									-	-	-	-
A14.3.2.5. Landing gear retraction team member									-	-	-	-
A14.3.2.6. Landing gear retraction team supervisor									-	-	-	-
A14.3.4. Service												
A14.3.4.1. Landing gear struts	*								-	-	-	-
A14.3.4.2. Tires	*								-	-	-	-
A14.3.5. Lubricate landing gear components									-	-	-	-
A14.3.6. Remove and install												
A14.3.6.1. Wheel and tire assemblies	*								-	-	-	-
A14.3.6.2. Brake assemblies	*								-	-	-	-
A14.3.7. Bleed brakes system									-	-	-	-
A14.3.8. Determine serviceability of aircraft tires TR: TO 4T-1-3, applicable aircraft -2 TOs	*								-	-	-	-
A14.3.9. Inspect landing gear system TR: 1E-4B-6									-	-	-	-
A14.3.10. Troubleshoot									-	-	-	-
A14.4. UTILITY SYSTEMS TR: Applicable aircraft -2 TOs												
A14.4.1. Components and system operation									-	-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)					
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A14.4.2. Perform operational check												
A14.4.2.1. Bleed air system									-	-	-	-
A14.4.2.2. Air conditioning system									-	-	-	-
A14.4.2.3. Pressurization system									-	-	-	-
A14.4.2.4. Anti-ice/de-ice system									-	-	-	-
A14.4.2.5. Rain removal system									-	-	-	-
A14.4.2.6. Fire warning system	*								-	-	-	-
A14.4.2.7. Fire extinguishing system									-	-	-	-
A14.4.2.8. Oxygen system	*								-	-	-	-
A14.4.3. Oxygen system TR: TO 00-25-172, applicable aircraft -2 TOs												
A14.4.3.1. Service liquid oxygen converters	*								-	-	-	-
A14.4.3.2. Service portable oxygen bottles	*								-	-	-	-
A14.4.3.3. Perform alert LOX service									-	-	-	-
A14.4.4. Inspect TR: TO 1E-4B-6												
A14.4.4.1. Bleed air system									-	-	-	-
A14.4.4.2. Air conditioning system									-	-	-	-
A14.4.4.3. Pressurization system									-	-	-	-
A14.4.4.4. Anti-ice/de-ice system									-	-	-	-
A14.4.4.5. Rain removal system									-	-	-	-
A14.4.4.6. Fire warning system									-	-	-	-
A14.4.4.7. Fire extinguishing system									-	-	-	-
A14.4.4.8. Oxygen system									-	-	-	-
A14.4.5. Troubleshoot utility systems									-	-	-	-
A14.5. FLIGHT CONTROL SYSTEMS TR: applicable aircraft -2 TOs												
A14.5.1. Components and system operation									-	-	-	-
A14.5.2. Operate flight controls	*								-	-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)					
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level			
1. Tasks, Knowledge And Technical References		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A14.5.3. Remove flight control components									-	-	-	-
A14.5.4. Install flight control components									-	-	-	-
A13.5.5. Inspect flight controls TR: TO 1E-4B-6									-	-	-	-
A13.5.6. Lubricate flight controls									-	-	-	-
A13.5.7. Rig flight controls									-	-	-	-
A14.5.8. Troubleshoot									-	-	-	-
A14.6. HYDRAULIC SYSTEMS TR: Applicable aircraft -2 TOs												
A14.6.1. Components and system operation									-	-	-	-
A14.6.2. Service												
A14.6.2.1. Reservoir	*								-	-	-	-
A14.6.2.2. Accumulator	*								-	-	-	-
A14.6.3. Inspect major components TR: TO 1E-4B-6									-	-	-	-
A14.6.4. Operate												
A14.6.4.1. Engine driven pump									-	-	-	-
A14.6.4.2. Non-engine driven pump	*								-	-	-	-
A14.6.5. Troubleshoot									-	-	-	-
A14.7. ENGINES AND AUXILIARY POWER UNIT (APU) TR: applicable aircraft -2 TOs												
A14.7.1. Components and system operation									-	-	-	-
A14.7.2. Perform												
A14.7.2.1. Engine operational check									-	-	-	-
A14.7.2.2. Engine alert quick start TR: TO 1E-4B-1									-	-	-	-
A14.7.2.3. Audible ignition check									-	-	-	-

STS 2A5X1

(Attachment 14)

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC
A14.7.2.4. Motor engine								-	-
A14.7.3. Operate TR: AFOSH Std 91-100, applicable aircraft –2 TOs									
A14.7.3.1. Engine and subsystems	*							-	-
A14.7.3.2. APU	*							-	-
A14.7.4. Service									
A14.7.4.1. Oil system	*							-	-
A14.7.4.2. Integrated drive gearbox	*							-	-
A14.7.4.3. APU	*							-	-
A14.7.4.4. APU supplemental oil tank								-	-
A14.7.4.5. Extended range oil tank								-	-
A14.7.5. Remove and install									
A14.7.5.1. Engine Starter								-	-
A14.7.5.2. Minor components								-	-
A14.7.5.3. APU starter								-	-
A14.7.6. Take engine oil sample	*							-	-
A14.7.7. Inspect installed engine TR: applicable aircraft –2 and –6 TOs									
A14.7.7.1. Exhaust								-	-
A14.7.7.2. Inlet								-	-
A14.7.8. Troubleshoot								-	-
A14.7.9. Inspect APU								-	-
A14.8. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds; TO 00-25-172, applicable aircraft -2 TOs									
A14.8.1. Fuel components and system operation								-	-
A14.8.2. Operate fuel system								-	-

STS 2A5X1

(Attachment 14)

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course CDC
A14.8.3. Refuel aircraft									
A14.8.3.1. Team member	*						-	-	-
A14.8.3.2. Team panel operator	*						-	-	-
A14.8.3.3. Team supervisor		*					-	-	-
A14.8.4. Defuel aircraft									
A14.8.4.1. Team member	*						-	-	-
A14.8.4.2. Team panel operator	*						-	-	-
A14.8.4.3. Team supervisor		*					-	-	-
A14.8.5. Concurrent servicing TR: TO 00-25-172, TO 1E-4B-2-12									
A14.8.5.1. Team member							-	-	-
A14.8.5.2. Team supervisor							-	-	-
A14.8.6. Refuel aircraft with engines operating TR: TO 00-25-172, 1E-4B-2-12 ACCI 21-101									
A14.8.6.1. Team member (Position D)									
A14.8.6.1.1. Phase I							-	-	-
A14.8.6.1.2. Phase II							-	-	-
A14.8.6.1.3. Phase III							-	-	-
A14.8.6.2. Panel operator (Position B)									
A14.8.6.2.1. Phase I							-	-	-
A14.8.6.2.2. Phase II							-	-	-
A14.8.6.2.3. Phase III							-	-	-
A14.8.6.3. Team Supervisor (Position A)									
A14.8.6.3.1. Phase I							-	-	-
A14.8.6.3.2. Phase II							-	-	-
A14.8.6.3.3. Phase III							-	-	-

STS 2A5X1

(Attachment 14)

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC
A14.8.7. Prepare aircraft for fuel cell maintenance TR: TO 1-1-3, applicable aircraft -2 TOs							-	-	-
A14.8.8. Inspect fuel system TR: TO 1E-4B-6							-	-	-
A14.8.9. Receiver system									
A14.8.9.1. Inspect							-	-	-
A14.8.9.2. Operate							-	-	-
A14.8.10. Ground transfer fuel	*						-	-	-
A14.8.11. Troubleshoot							-	-	-
A14.9. ELECTRICAL SYSTEMS TR: applicable aircraft -2 TOs									
A14.9.1. Components and system operation							-	-	-
A14.9.2. Perform operational check with external power unit/APU									
A14.9.2.1. Electrical power supply system							-	-	-
A14.9.2.2. Lighting system							-	-	-
A14.9.2.3. Indicator warning lights							-	-	-
A14.9.3. Remove and install									
A14.9.3.1. Light lenses	*						-	-	-
A14.9.3.2. Light bulbs	*						-	-	-
A14.9.3.3. Batteries	*						-	-	-
A14.9.4. Use wiring diagrams							-	-	-
A14.9.5. Inspect TR: TO 1E-4B-6									
A14.9.5.1. Components							-	-	-
A14.9.5.2. Wiring and connectors							-	-	-
A14.9.6. Connect/apply/disconnect external electrical power	*						-	-	-

STS 2A5X1

# E-4/VC-25 QUALITATIVE REQUIREMENTS

STS 2A5X1

	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. Tasks, Knowledge And Technical References									
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course CDC	(1) Course (2) CDC
A14.9.7. Apply/remove APU generator electrical power	*						-	-	-
A14.9.8. Apply/remove APU bleed air	*						-	-	-
A14.9.9. Troubleshoot							-	-	-
A14.10. EGRESS SYSTEM TR: applicable aircraft -2 TOs									
A14.10.1. Components							-	-	-
A14.10.2. Inspect TR: TO 1E-4B-6							-	-	-
A14.10.3. Operate system (excluding slide)							-	-	-
A14.10.4. Install/remove safety pins							-	-	-
A14.11. Crew comfort facilities									
A14.11.1 Galley and equipment									
A14.11.1.1 Remove and install components							-	-	-
A14.11.1.2. Inspect/operational check components							-	-	-
A14.11.2 Lavatory and waste system									
A14.11.2.1. Remove/install/repair components							-	-	-
A14.11.2.2. Inspect/operational check components							-	-	-
A14.11.3 Potable water system									
A14.11.3.1. Remove/install potable water filter components							-	-	-
A14.11.3.2. Inspect/operational check system							-	-	-
A14.12. Thermal curtains TR: TO 1E-4B-2-25									
A14.12.1. Remove/install							-	-	-
A14.12.2. Inspect							-	-	-
A14.12.3. Seal							-	-	-

STS 2A5X1

(Attachment 14)

## 2A531E STS MATRIX (B-1)

STS 2A5X1

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to B-1B aircraft, as identified in attachment 3, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX	1
J3AQR2A531E 001	Aerospace Maintenance Apprentice (B-1B)	Sheppard AFB, TX	2
J3ABP2A531E 003*	Aerospace Maintenance Apprentice (B-1B)	Ellsworth AFB, SD (TD) Dyess AFB, TX (TD)	3

\* Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-	-
A2.1.2.	Duties of AFS 2A5X1	A	-	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-	-
A2.3.3.1.	Inspect fire extinguisher	2b	-	-
A2.3.3.2.	Position fire extinguisher	b	-	-
A2.3.3.3.	Operate fire extinguisher	b	-	-

STS 2A5X1

(Attachment 15)

# 2A531E STS MATRIX (B-1)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-	-
A2.3.6.1.	Hazardous chemicals use	A	-	-
A2.3.6.2.	Hazardous chemicals disposal	A	-	-
A2.3.6.3.	Hazard Communication Training Program	B	-	-
A2.4.1.	Technical order (TO) system	A	-	-
A2.4.2.	Air Force manuals and instructions	A	-	-
A2.4.3.	Use technical orders	1b	2b	-
A2.7.1.	Basic functions within maintenance	A	-	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-	-
A2.8.2.1.	Purpose of aircraft records	A	-	-
A2.8.2.2.	Automated forms	A	-	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b	-
A2.8.2.4.	Document AFTO Form 781A	1b	2b	-
A2.8.2.5.	Document AFTO Form 781J	1b	2b	-
A2.8.2.6.	Document AFTO Form 781K	1b	2b	-
A2.8.2.8.	Document AFTO Form 244/245	a	-	-
A2.8.2.9.	Document AFTO Form 350	1b	-	-
A2.8.3.1.	Purpose of CAMS	A	-	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-	-
A2.8.3.2.2.	Access JDD	1b	-	-
A2.8.3.2.3.	Create maintenance event	1b	-	-
A2.8.3.2.4.	Defer maintenance event	1b	-	-
A2.8.3.2.5.	Schedule maintenance event	1b	-	-
A2.8.3.2.6.	Close maintenance event	1b	-	-
A2.8.3.3.	Use CAMS	1b	-	-
A2.9.1.	Tool control	B	-	-
A2.9.5.1.	Purpose of hardware	A	-	-
A2.9.5.2.	Remove/install common hardware	2b	-	-
A2.9.6.1.	Purpose of electrical connectors	A	-	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-	-
A2.9.7.1.	Purpose of securing devices	A	-	-
A2.9.7.2.	Install/remove safety wire	2b	-	-
A2.9.7.3.	Install/remove cotter pins	2b	-	-
A2.9.8.	Lubricants	A	-	-
A2.9.9.	Sealants	A	-	-
A2.9.10.	Adhesives	A	-	-
A2.9.11.	Cleaning agents	A	-	-
A2.9.12.1.	Purpose of common hand tools	A	-	-

STS 2A5X1

(Attachment 15)

# 2A531E STS MATRIX (B-1)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.9.12.2.	Select and use common hand tools	2b	-	-
A2.9.13.1.	Purpose of measuring tools	A	-	-
A2.9.13.2.	Select and use ruler	2b	-	-
A2.9.13.3.	Select and use thickness gauge	2b	-	-
A2.9.13.5.	Select and use torque wrench	2b	-	-
A2.9.14.	Tool Control	B	-	-
A2.10.1.	Maintenance supply concept	A	-	-
A2.10.3.	Ordering parts	A	-	-
A2.11.4.1.	Aircraft cleaning	A	-	-
A2.11.4.2.	Corrosion identification	A	-	-
A2.11.4.3.	Corrosion treatment	A	-	-
A2.11.4.4.	Lubrication methods	A	-	-
A2.11.5.	Aircraft inspection concepts/types	A	-	-
A2.11.6.	Principles of ground handling	A	-	-
A2.11.7.	Aircraft marshalling	b	-	-
A2.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-	-
A2.12.1.	Airframe structure	A	-	-
A2.12.2.	Remove/install airframe panels	1b	-	-
A2.12.3.	Inspect airframe structural components	1b	-	-
A2.13.1.	Landing gear system fundamentals	A	-	-
A2.13.2.1.	Service shock strut	1b	-	-
A2.13.2.2.	Service tire	1b	-	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-	-
A2.13.3.2.	Remove/install brake assembly	1b	-	-
A2.13.4.	Brake bleeding	A	-	-
A2.14.1.2.	Oxygen system fundamentals	A	-	-
A2.14.1.3.	Bleed air system fundamentals	A	-	-
A2.14.1.4.	Pressurization system fundamentals	A	-	-
A2.14.1.5.	Air condition system fundamentals	A	-	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-	-
A2.15.1.	Flight control system fundamentals	A	-	-
A2.15.2.	Flight control component identification	A	-	-
A2.15.3.	Operate flight controls	1b	-	-
A2.16.1.	Hydraulic system fundamentals	A	-	-
A2.16.2.1.	Service hydraulic system reservoir	b	-	-
A2.16.2.2.	Service hydraulic system accumulator	b	-	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-	-

STS 2A5X1

(Attachment 15)

# 2A531E STS MATRIX (B-1)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-	-
A2.17.1.	Engine system fundamentals	A	-	-
A2.17.2.	Identify engine components	A	-	-
A2.17.3.	Oil system servicing	A	-	-
A2.18.1.	Fuel system fundamentals	A	-	-
A2.18.2.	Operate fuel system	b	-	-
A2.18.3.	Classify fuel leaks	A	-	-
A2.19.1.	AC electrical system fundamentals	A	-	-
A2.19.2.	DC electrical system fundamentals	A	-	-
A2.19.3.	Remove/install/operate lighting components	1b	-	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-	-
A2.20.2.3.	Operate aircraft jacks	2b	-	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-	-
A2.20.5.1.	Purpose and description of ground heaters	A	-	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-	-
A2.20.5.3.	Operate ground heaters	2b	-	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-	-
A2.20.6.3.	Operate lighting equipment	2b	-	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-	-

STS 2A5X1

(Attachment 15)

# 2A531E STS MATRIX (B-1)

STS 2A5X1

<u><b>STS ELEMENT</b></u>	<u><b>TASK</b></u>	<u><b>Phase 1</b></u>	<u><b>Phase 2</b></u>	<u><b>Phase 3</b></u>
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-	-
A2.20.9.3.3.	Operate diesel generators	2b	-	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-	-
A3.1.1.1.	Periodic inspection concept	-	B	-
A3.1.1.2.1.	Perform preflight inspection	-	-	3c
A3.1.1.2.2.	Perform thruflight inspection	-	-	3c
A3.1.1.2.3.	Perform hourly postflight inspection	-	-	2b
A3.1.2.1.	OMMS TOs	-	B	-
A3.1.2.2.	Use OMMS TOs	-	2b	-
A3.1.3.2.	Use interphone	-	-	2b
A3.1.4.1.	Launch aircraft	-	-	2b
A3.1.4.2.	Recover aircraft	-	-	2b
A3.1.4.3.1.	Tow-wing/tail walker	-	-	2b
A3.1.4.3.2.	Brake operator	-	-	2b
A3.1.4.4.1.	Jacking team member	-	b	-
A3.1.4.4.4.	Axle jacking	-	-	2b
A3.1.6.	Safe aircraft for maintenance	-	1b	3c
A3.1.7.	Hardness critical procedures	-	A	-
A3.2.1.	Airframe components and structure	-	B	-
A3.2.4.2.	Remove/install panels	-	b	2b
A3.2.5.1.	Open/close entry door/hatch	-	-	2b
A3.2.5.3.	Open/close Main landing gear doors	-	-	2b
A3.2.5.4.	Open/close UARRSI door	-	b	2b
A3.2.5.5.	Operate weapons bay door	-	b	-
A3.2.5.6.	Open/close engine bay door	-	-	2b
A3.2.5.7.3.	Open/close radomes forward side fairing	-	-	2b
A3.3.1.	Landing gear components and system operation	-	A	-
A3.3.3.1.	Operate brakes	-	-	2b
A3.3.4.1.1.	Service landing gear struts with nitrogen	-	b	2b
A3.3.4.2.1.	Service axle beam positioner with nitrogen	-	b	2b
A3.3.4.2.2.	Service axle beam positioner with hydraulic fluid	-	b	-
A3.3.4.3.	Service nose wheel steering gearbox	-	b	2b

STS 2A5X1

(Attachment 15)

# 2A531E STS MATRIX (B-1)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A3.3.4.4.	Service tires	-	-	2b
A3.3.6.1.	Remove/install wheel and tire assemblies	-	-	2b
A3.4.1.	Utility components and system operation	-	B	-
A3.4.4.	Service oxygen system	-	b	2b
A3.4.5.1.	Top off coolant loops (ACL, ICL, LCL)	-	b	2b
A3.4.5.2.	Service refrigeration units (#1, #2 and stores)	-	b	2b
A3.5.1.	Flight control components and system operation	-	B	-
A3.5.3.1.	Operate roll control	-	1b	2b
A3.5.3.2.	Operate pitch control	-	1b	2b
A3.5.3.3.	Operate yaw control	-	1b	2b
A3.5.3.4.	Operate flap/slat control	-	1b	2b
A3.6.1.	Hydraulic components and system operation	-	B	-
A3.6.2.1.	Service reservoir	-	b	2b
A3.6.2.2.	Service accumulator	-	b	2b
A3.6.3.1.	Apply hydraulic power using APU	-	1b	2b
A3.6.4.	Perform hydraulic leak checks	-	b	-
A3.7.1.	Engine and auxiliary power unit (APU) components and system operation	-	B	-
A3.7.4.2.	Operate auxiliary power units and subsystems	-	1b	2b
A3.7.5.1.	Service oil system	-	b	2b
A3.7.5.2.	Service integrated drive generator	-	b	2b
A3.7.5.3.	Service accessory drive gearbox	-	b	2b
A3.7.5.4.	Service auxiliary power units	-	b	2b
A3.7.8.	Perform engine leak checks	-	b	-
A3.8.1.	Fuel components and system operation	-	B	-
A3.8.2.1.	Refuel team member (ground observer)	-	1b	2b
A3.8.2.2.1.	Refuel team panel operator auto	-	1b	2b
A3.8.2.2.2.	Refuel team panel operator manual	-	1b	2b
A3.8.3.1.	Defuel team member (ground observer)	-	1b	2b
A3.8.3.2.1.	Defuel team panel operator auto	-	1b	2b
A3.8.3.2.2.	Defuel team panel operator manual	-	1b	2b
A3.8.6.	Ground transfer fuel	-	1b	2b
A3.9.1.	Electrical components and system operation	-	B	-
A3.9.2.	Connect/Apply external electrical power	-	1b	2b
A3.9.3.	Disconnect external electrical power	-	1b	2b
A3.9.4.	Apply electrical power using APU	-	1b	2b
A3.9.5.	Remove/install batteries	-	-	2b
A3.10.1.	Egress components and system operation	-	A	B
A3.10.2.	Operate seat adjustment	-	-	2b

STS 2A5X1  
(Attachment 15)

## 2A531E STS MATRIX (B-1)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A3.11.3.	Inspect and operate mobile hydraulic oil dispenser	-	-	2b
A3.12.1.	Central Integrated Test System (CITS) operation	-	B	-
A3.12.2.	Remove/install CITS magnetic tape	-	-	2b
A3.12.3.	CITS printer tape load	-	b	-
A3.12.4.1.	Operate CITS parameter monitor mode	-	b	2b
A3.12.4.2.	Operate CITS ground readiness test	-	1b	2b

STS 2A5X1

(Attachment 15)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to B-2 aircraft, as identified in attachment 4, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. Course J3AQR2A531E 003 is the same as course J3ATR2A020 001; they are multi-identified for student scheduling purposes. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001 (Also identified as J3AQR2A531E 003)	Aircraft Maintenance Fundamentals Aircraft Maintenance Apprentice (B-2)	Sheppard AFB, TX	1
J3ABP2A531E 004*	Aerospace Maintenance Apprentice (B-2)	Whiteman AFB, MO (TD)	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool Control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-

STS 2A5X1  
(Attachment 16)

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u><b>STS ELEMENT</b></u>	<u><b>TASK</b></u>	<u><b>Phase 1</b></u>	<u><b>Phase 2</b></u>
A2.9.12.1.	Purpose of common hand tools	A	-
A2.9.12.2.	Select and use common hand tools	2b	-
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-

STS 2A5X1  
(Attachment 16)

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generators/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-

STS 2A5X1  
(Attachment 16)

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A4.1.1.1.	Phased inspection concept	-	B
A4.1.1.2.1.1.	Perform Work Area #1 Preflight inspection	-	2b
A4.1.1.2.1.2.	Perform Work Area #2 and #3 Preflight inspection	-	2b
A4.1.1.2.1.3.	Perform Work Area #4 Preflight inspection	-	2b
A4.1.1.2.2.1.	Perform 2A inspection	-	2b
A4.1.1.2.2.2.	Perform 2B inspection	-	2b
A4.1.1.2.3.1.	Perform Work Area #1 Postflight inspection	-	2b
A4.1.1.2.3.2.	Perform Work Area #2and #3 Postflight inspection	-	2b
A4.1.1.2.3.3.	Perform Work Area #4 Postflight inspection	-	2b
A4.1.3.1.	Organizational Maintenance Manual Set (OMMS) TOs	-	B
A4.1.3.2.	Use OMMS TOs	-	2b
A4.1.4.2.	Use interphone	-	3c
A4.1.5.1.	Launch aircraft	-	2b
A4.1.5.2.	Recover aircraft	-	2b
A4.1.5.3.1.	Perform wing/tail walker	-	2b
A4.1.5.3.2.	Perform brake operator	-	2b
A4.1.5.4.1.	Perform jacking team member	-	b
A4.1.5.5.	Axle jacking	-	2b
A4.1.8.	Remove and install proximity caps	-	2b
A4.1.10.1.	Aircraft safe for maintenance	-	3c
A4.1.11.	Hardness critical procedures	-	b
A4.1.12.	Electrostatic Discharge Procedures	-	2b
A4.1.13.	Observable Critical Procedures	-	b
A4.1.14.	Low observable awareness	-	b
A4.1.15.	Blade seal safety precautions	-	3c
A4.2.1.	Airframe components and construction	-	B
A4.2.2.1.1.	Operate crew entry door pneumatically	-	2b
A4.2.2.2.	Operate aft nose landing gear door	-	b
A4.2.2.3.1.	Operate aft equipment bay entry door electrically	-	2b

STS 2A5X1  
(Attachment 16)

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A4.2.4.1.	Open/close crew entry pressure door	-	2b
A4.2.4.2.	Open/close engine/AMAD bay doors	-	2b
A4.2.4.3.	Open/close ECS/Hydraulic bay doors	-	2b
A4.2.5.	Inspect airframe and components	-	2b
A4.2.6.	Inspect secondary structure	-	2b
A4.2.7.	Inspect aircraft windows	-	2b
A4.2.8.	Clean aircraft windows	-	2b
A4.3.1.	Landing gear components and system operation	-	B
A4.3.1.1.	Inspect Landing Gear Components	-	2b
A4.3.3.1.1.	Service landing gear struts with nitrogen (normal servicing)	-	2b
A4.3.3.1.2.	Service landing gear struts with nitrogen (special maintenance)	-	2b
A4.3.3.2.	Service landing gear struts with hydraulic fluid	-	b
A4.3.3.3.1.	Service nose gear tires	-	2b
A4.3.3.3.2.	Service main gear tires	-	2b
A4.3.4.1.2.	Remove/install main gear wheel and tire assembly	-	2b
A4.4.1.	Weapons bay components and system operation	-	A
A4.4.2.2.	Operate weapons bay doors electrically	-	2b
A4.5.1.	Utility components and system operation	-	B
A4.5.2.	ECS power-up	-	b
A4.5.3.9.	Operate On Board Maintenance Printer (OBMP)	-	3c
A4.5.3.10.	Remove/Install printer tape	-	3c
A4.5.3.12.	Load/Unload maintenance write tapes/disks	-	3c
A4.5.3.13.	Operate OBTS Controls/Displays	-	3c
A4.5.5.	Service Back-up Oxygen System	-	b
A4.5.6.1.	Service Ethylene Glycol Water (EGW) System	-	b
A4.5.6.2.	Service Defense Management System (DMS)	-	b
A4.5.6.3.	Service Liquid Coolant System (LCS)	-	b
A4.5.7.1.	Sample Ethylene Glycol Water (EGW) System	-	b
A4.5.7.2.	Sample Defensive Management System (DMS)	-	b
A4.5.7.3.	Sample Liquid Coolant System (LCS)	-	b
A4.6.1.	Flight control components and system operation	-	B
A4.6.5.	Inspect flight controls	-	2b
A4.7.1.	Hydraulic components and system operation	-	B
A4.7.2.1.1.	Service hydraulic system reservoir (normal)	-	2b
A4.7.2.1.2.	Service hydraulic system reservoir (top off)	-	2b
A4.7.2.2.1.	Service hydraulic system accumulator (normal)	-	2b

STS 2A5X1  
(Attachment 16)

## 2A531E STS MATRIX (B-2)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A4.7.3.	Apply hydraulic power using test stand	-	2b
A4.8.1.	Engine and Auxiliary Power Unit (APU) components and system operation	-	B
A4.8.3.1.1.	Service engine oil normal engine (off)	-	3c
A4.8.3.1.2.	Service engine oil normal engine (operating)	-	b
A4.8.3.1.3.	Service engine oil (initial/unknown)	-	b
A4.8.3.2.	Service Airframe Mounted Accessory Drive (AMAD) oil	-	b
A4.8.3.3.	Service APU oil	-	b
A4.8.3.4.1.	Service Pressurized Air Start System (PASS) (Normal)	-	2b
A4.8.3.4.3.	Service Turbine driven recharge compressor (TDC)	-	b
A4.8.5.	Take engine oil samples	-	3c
A4.9.1.	Fuel components and system operation	-	B
A4.9.2.1.	Ground observer during refuel	-	2b
A4.9.2.2.1.	Ground control panel operator during refuel (manual)	-	2b
A4.9.2.2.2.	Ground control panel operator during refuel (auto)	-	2b
A4.9.2.2.3.	Manual fuel control panel operator during refuel	-	2b
A4.9.4.1.	Ground observer during defuel	-	2b
A4.9.4.2.1.	Ground control panel operator during defuel	-	2b
A4.9.4.2.2.	Manuel fuel control panel operator during defuel	-	2b
A4.9.7.	Ground transfer fuel	-	2b
A4.9.8.	Drain fuel tank sumps/obtain fuel samples	-	2b
A4.10.1.	Electrical components and system operation	-	B
A4.10.2.1.	Operate internal lighting system	-	2b
A4.10.2.2.	Operate external lighting system	-	2b
A4.10.2.3.	Operate indicator warning lights	-	2b
A4.10.2.4.	Operate emergency lights	-	2b
A4.10.3.3.	Remove and install batteries	-	2b
A4.10.5.	Connect/Apply external electrical power	-	3c
A4.10.6.	Disconnect external electrical power	-	3c
A4.11.1.	Egress components and system operation	-	B
A4.11.2.	Operate seat adjustment	-	3c
A4.12.1.	Aqueous Film Forming Form (AFFF) Procedures	-	b
A4.13.1.1.	Operate Electrical Power and Inverter System	-	3c
A4.13.1.2.	Operate CASS Combined Air System	-	3c
A4.13.1.4.	Operate Hangar Nitrogen	-	2b

STS 2A5X1  
(Attachment 16)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to B-52 aircraft, as identified in attachment 5, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX.	1
J3ABR2A531F 001*	Aerospace Maintenance Apprentice (B-52)	Sheppard AFB, TX	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-

## 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated aircraft forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-
A2.9.12.2.	Select and use common hand tools	2b	-

STS 2A5X1  
(Attachment 17)

## 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-

STS 2A5X1  
(Attachment 17)

## 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-

STS 2A5X1  
(Attachment 17)

# 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A5.1.1.1.	Phase inspection concept	-	B
A5.1.1.2.1.	Perform preflight inspection	-	2b
A5.1.1.2.2.	Perform thruflight inspection	-	2b
A5.1.1.2.3.	Perform hourly postflight inspection	-	2b
A5.1.2.1.	B-52 TOs	-	B
A5.1.2.2.	Use B-52 TOs	-	2b
A5.1.2.3.2.	Use interphone	-	2b
A5.1.2.4.1.	Launch aircraft	-	b
A5.1.2.4.2.	Recover aircraft	-	b
A5.1.2.4.3.1.	Towing principles and procedures	-	B
A5.1.2.4.3.2.	Tow team member	-	b
A5.1.2.4.3.3.	Tow brake operator	-	b
A5.1.2.4.3.1.6.	Connect/Disconnect tow bar	-	2b
A5.1.2.4.4.1.	Jacking principles/procedures and preparation	-	B
A5.1.2.4.4.7.	Axle jacking	-	1b
A5.1.2.5.	Weight and balance functions	-	A
A5.2.1.	Airframe components and structure	-	B
A5.2.2.1.	Operate entry door/hatch	-	2b
A5.2.2.2.	Operate bomb bay door	-	B
A5.2.2.3.	Operate emergency doors/hatches	-	1b
A5.2.3.1.1.	Remove/Install Afterbody Cowling	-	2b/b
A5.2.3.2.1.	Remove/Install Wrap Cowling	-	2b/b
A5.2.3.4.	Remove/install panels	-	2b
A5.2.4.1.1.	Open/close Wrap cowling	-	2b/b
A5.2.4.1.2.	Open/close Afterbody cowling	-	2b/b
A5.2.4.2.	Open/close radomes	-	A
A5.2.5.	Serviceability of aircraft windows	-	A
A5.3.1.	Landing gear components and system operation	-	B
A5.3.2.2.	Operate brakes	-	2b
A5.3.3.1.	Remove/install wheel and tire assemblies	-	1b
A5.3.3.3.	Remove/install brake assemblies	-	B

STS 2A5X1  
(Attachment 17)

## 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A5.3.4.	Bleed brake system		B
A5.3.7.	Determine serviceability of aircraft tires		2b
A5.3.8.3.	Inflate/deflate MLG struts	-	2b
A5.3.8.4.	Perform MLG air-to-oil ratio check	-	b
A5.3.8.5.	Inflate/deflate TPG strut (load/no load condition)	-	b
A5.3.8.6.	Inflate/deflate MLG tires	-	2b
A5.3.8.7.	Inflate/deflate TPG tires	-	2b
A5.4.1.	Utility components and system operation	-	A
A5.4.2.1.	Service oxygen system	-	1b
A5.4.2.2.	Drain oxygen system	-	1b
A5.5.1.	Flight control components and system operation	-	B
A5.5.2.1.1.	Operate spoilers	-	2b
A5.5.2.1.2.	Operate elevators	-	2b
A5.5.2.1.3.	Operate rudder	-	b
A5.5.2.2.1.	Operate flaps	-	2b
A5.5.2.2.2.	Operate horizontal stabilizer	-	2b
A5.5.2.2.3.	Operate Air Brakes	-	2b
A5.6.1.	Hydraulic components and system operation	-	B
A5.6.1.1.1.	Service hydraulic reservoir	-	2b
A5.6.1.1.2.	Service hydraulic accumulator	-	2b
A5.6.1.1.4.	Partial drain hydraulic reservoir	-	2b
A5.6.1.2.2.	Electrically operated pump	-	2b
A5.6.1.3.	Perform leakage check	-	b
A5.7.1.	Engine components and system operation	-	B
A5.7.4.1.	Service oil system	-	2b/b
A5.7.4.2.	Service constant speed drive	-	2b/b
A5.7.5.2.	Remove/install starter cartridge	-	b
A5.7.6.	Take engine oil sample	-	2b
A5.7.7.	Perform leakage check	-	b
A5.8.1.	Fuel components and system operation	-	B
A5.8.2.1.	Refuel team member	-	b
A5.8.2.2.	Refuel Team panel operator	-	b
A5.8.2.4.	Filler neck refuel	-	B
A5.8.3.1.	Defuel team member	-	b
A5.8.3.2.	Defuel team panel operator	-	b
A5.8.3.6.	Fuel sump drain	-	b
A5.8.4.	Ground transfer fuel	-	b
A5.8.6.1.	Operate IFR doors	-	2b

STS 2A5X1  
(Attachment 17)

## 2A531F STS MATRIX (B-52)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase</u> <u>1</u>	<u>Phase</u> <u>2</u>
A5.8.7.	Fuel tank verification	-	1b
A5.9.1.	Electrical components and system operation	-	A
A5.9.2.1.	Operate lighting system	-	2b
A5.9.2.2.	Operate indicator warning lights	-	2b/b
A5.9.3.4.	Remove/install batteries	-	2b
A5.9.5.	Connect/Apply external electrical power	-	2b
A5.9.6.	Disconnect external electrical power	-	2b
A5.10.1.	Egress components and system operation	-	B
A5.10.2.	Operate seat adjustment	-	2b
A5.10.3.	Remove/install safety pins	-	2b
A5.11.1.	Drag chute system components and system operation	-	B
A5.11.4.	Remove/install chute assembly	-	2b

STS 2A5X1  
(Attachment 17)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-130 aircraft, as identified in attachment 6, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX.	1
J3AQR2A531B 000	Aerospace Maintenance Apprentice (C-130)	Sheppard AFB, TX	2
J3ABP2A531B 000*	Aerospace Maintenance Apprentice (C-130)	Little Rock AFB AR	3

\*Awards 3-level AFSC

**Note 3:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-	-
A2.1.2.	Duties of AFS 2A5X1	A	-	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-	-
A2.3.3.1.	Inspect fire extinguisher	2b	-	-
A2.3.3.2.	Position fire extinguisher	b	-	-
A2.3.3.3.	Operate fire extinguisher	b	-	-

## 2A531B MATRIX (C-130)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-	-
A2.3.6.1.	Hazardous chemicals use	A	-	-
A2.3.6.2.	Hazardous chemicals disposal	A	-	-
A2.3.6.3.	Hazard Communication Training Program	B	-	-
A2.4.1.	Technical order (TO) system	A	-	-
A2.4.2.	Air Force manuals and instructions	A	-	-
A2.4.3.	Use technical orders	1b	2b	-
A2.7.1.	Basic functions within maintenance	A	-	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-	-
A2.8.2.1.	Purpose of aircraft records	A	-	-
A2.8.2.2.	Automated forms	A	-	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b	-
A2.8.2.4.	Document AFTO Form 781A	1b	2b	-
A2.8.2.5.	Document AFTO Form 781J	1b	2b	-
A2.8.2.6.	Document AFTO Form 781K	1b	2b	-
A2.8.2.8.	Document AFTO Form 244/245	a	-	-
A2.8.2.9.	Document AFTO Form 350	1b	-	-
A2.8.3.1.	Purpose of CAMS	A	-	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-	-
A2.8.3.2.2.	Access JDD	1b	-	-
A2.8.3.2.3.	Create maintenance event	1b	-	-
A2.8.3.2.4.	Defer maintenance event	1b	-	-
A2.8.3.2.5.	Schedule maintenance event	1b	-	-
A2.8.3.2.6.	Close maintenance event	1b	-	-
A2.8.3.3.	Use CAMS	1b	-	-
A2.9.1.	Tool control	B	-	-
A2.9.5.1.	Purpose of hardware	A	-	-
A2.9.5.2.	Remove/install common hardware	2b	-	-
A2.9.6.1.	Purpose of electrical connectors	A	-	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-	-
A2.9.7.1.	Purpose of securing devices	A	-	-
A2.9.7.2.	Install/remove safety wire	2b	-	-
A2.9.7.3.	Install/remove cotter pins	2b	-	-
A2.9.8.	Lubricants	A	-	-
A2.9.9.	Sealants	A	-	-
A2.9.10.	Adhesives	A	-	-
A2.9.11.	Cleaning agents	A	-	-

STS 2A5X1  
(Attachment 18)

# 2A531B MATRIX (C-130)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.9.12.1.	Purpose of common hand tools	A	-	-
A2.9.12.2.	Select and use common hand tools	2b	-	-
A2.9.13.1.	Purpose of measuring tools	A	-	-
A2.9.13.2.	Select and use ruler	2b	-	-
A2.9.13.3.	Select and use thickness gauge	2b	-	-
A2.9.13.5.	Select and use torque wrench	2b	-	-
A2.9.14.	Tool Control	B	-	-
A2.10.1.	Maintenance supply concept	A	-	-
A2.10.3.	Ordering parts	A	-	-
A2.11.4.1.	Aircraft cleaning	A	-	-
A2.11.4.2.	Corrosion identification	A	-	-
A2.11.4.3.	Corrosion treatment	A	-	-
A2.11.4.4.	Lubrication methods	A	-	-
A2.11.5.	Aircraft inspection concepts/types	A	-	-
A2.11.6.	Principles of ground handling	A	-	-
A2.11.7.	Aircraft marshalling	b	-	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-	-
A2.12.1.	Airframe structure	A	-	-
A2.12.2.	Remove/install airframe panels	1b	-	-
A2.12.3.	Inspect airframe structural components	1b	-	-
A2.13.1.	Landing gear system fundamentals	A	-	-
A2.13.2.1.	Service shock strut	1b	-	-
A2.13.2.2.	Service tire	1b	-	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-	-
A2.13.3.2.	Remove/install brake assembly	1b	-	-
A2.13.4.	Brake bleeding	A	-	-
A2.14.1.2.	Oxygen system fundamentals	A	-	-
A2.14.1.3.	Bleed air system fundamentals	A	-	-
A2.14.1.4.	Pressurization system fundamentals	A	-	-
A2.14.1.5.	Air condition system fundamentals	A	-	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-	-
A2.15.1.	Flight control system fundamentals	A	-	-
A2.15.2.	Flight control component identification	A	-	-
A2.15.3.	Operate flight controls	1b	-	-
A2.16.1.	Hydraulic system fundamentals	A	-	-
A2.16.2.1.	Service hydraulic system reservoir	b	-	-
A2.16.2.2.	Service hydraulic system accumulator	b	-	-

STS 2A5X1  
(Attachment 18)

## 2A531B MATRIX (C-130)

STS 2A5X1

<u><b>STS ELEMENT</b></u>	<u><b>TASK</b></u>	<u><b>Phase 1</b></u>	<u><b>Phase 2</b></u>	<u><b>Phase 3</b></u>
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-	-
A2.17.1.	Engine system fundamentals	A	-	-
A2.17.2.	Identify engine components	A	-	-
A2.17.3.	Oil system servicing	A	-	-
A2.18.1.	Fuel system fundamentals	A	-	-
A2.18.2.	Operate fuel system	b	-	-
A2.18.3.	Classify fuel leaks	A	-	-
A2.19.1.	AC electrical system fundamentals	A	-	-
A2.19.2.	DC electrical system fundamentals	A	-	-
A2.19.3.	Remove/install/operate lighting components	1b	-	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-	-
A2.20.2.3.	Operate aircraft jacks	2b	-	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-	-
A2.20.5.1.	Purpose and description of ground heaters	A	-	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-	-
A2.20.5.3.	Operate ground heaters	2b	-	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-	-
A2.20.6.3.	Operate lighting equipment	2b	-	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-	-
A2.20.9.2.2	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-	-

STS 2A5X1  
(Attachment 18)

# 2A531B MATRIX (C-130)

STS 2A5X1

<b><u>STS ELEMENT</u></b>	<b><u>TASK</u></b>	<b><u>Phase 1</u></b>	<b><u>Phase 2</u></b>	<b><u>Phase 3</u></b>
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-	-
A2.20.9.3.3.	Operate diesel generators	2b	-	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-	-
A6.1.1.1.	Safety precautions pertaining to aircraft containing ammunition/explosives	-	B	-
A6.1.2..	Use standard and technical publications	-	3c	-
A6.1.3.	Maintain aircraft AFTO 781 series forms/supporting records	-	3c	-
A6.1.4.1.	Isochronal inspection concept	-	B	-
A6.1.4.2.	Inspection principles	-	B	-
A6.1.4.3.1.	Perform preflight inspection	-	2b	3c
A6.1.4.3.2.	Perform thruflight inspection	-	2b	3c
A6.1.4.3.3.	Perform basic postflight inspection	-	2b	3c
A6.1.5.1.	Operate UHF radio	-	2b	3c
A6.1.5.3.	Operate interphone	-	3c	-
A6.1.6.1.	Marshall aircraft	-	2b	3c
A6.1.6.3.	Park aircraft	-	2b	3c
A6.1.6.4.	Moor aircraft	-	2b	3c
A6.1.6.7.1.1.	Perform as brake operator during tow	-	2b	3c
A6.1.6.7.1.2.	Perform as hand pump operator during tow	-	2b	3c
A6.1.6.7.1.3..	Perform as wing walker during tow	-	2b	3c
A6.1.6.7.1.4..	Perform as tail walker during tow	-	2b	3c
A6.1.6.8.1.1.	Perform as jacking team member (complete aircraft)	-	2b	-
A6.1.6.8.3.	Axle jack nose landing gear	-	3c	-
A6.1.6.8.4.	Axle jack main landing gear	-	3c	-
A6.1.11.2.	Perform 15 day flap track lube	-	3c	-
A6.2.1.	Airframe components and structure	-	B	-
A6.2.2.1.	Principles of crew door operation	-	B	-
A6.2.2.2.	Principles of aft cargo door and ramp operation	-	B	-
A6.2.2.3.	Principles of paratroop door operation	-	B	-
A6.2.3.1.	Operate aft cargo door using aux hyd sys electrically driven pump	-	2b	-

STS 2A5X1  
(Attachment 18)

## 2A531B MATRIX (C-130)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A6.2.3.2.	Operate cargo ramp using aux hyd sys electrically driven pump	-	2b	-
A6.2.3.3.	Operate aft cargo door using aux hyd sys hand pump	-	2b	-
A6.2.3.4.	Operate cargo ramp using aux hyd sys hand pump	-	2b	-
A6.2.3.5.	Operate paratroop doors	-	2b	-
A6.2.3.6.	Operate crew door	-	2b	-
A6.2.4.1.	Remove and install nacelle access doors	-	2b	-
A6.2.4.2.	Remove and install access panels	-	2b	-
A6.2.4.12.	Remove and install leading edges	-	b	-
A6.2.4.16.	Remove and install side emergency exit doors	-	3c	-
A6.2.4.17.	Remove and install forward and aft top emergency exit doors	-	3c	-
A6.2.9.2.	Open and close nose radome	-	2b	-
A6.3.1.	Landing gear components and system operation	-	B	-
A6.3.3.1	Service tires	-	3c	-
A6.3.3.2.	Service shock strut (alternate method)	-	3c	-
A6.3.4.	Determine serviceability of tires	-	2b	-
A6.3.5.1.	Remove and install NLG wheel and tire assembly	-	3c	-
A6.3.5.2.	Remove and install MLG wheel and tire assembly	-	3c	-
A6.3.5.3.	Remove and install brake assembly	-	1b	-
A6.4.1.1.	Bleed air system components and system operation	-	B	-
A6.4.1.2.	Wing overheat warning system components and system operation	-	B	-
A6.4.1.3.	Air conditioning system components and system operation	-	B	-
A6.4.1.5.	Anti-ice/de-ice system components and system operation	-	B	-
A6.4.1.7.	Fire/overheat warning system components and system operation	-	B	-
A6.4.1.8.	Fire extinguishing system components and system operation	-	B	-
A6.4.1.9.	Oxygen system components and system operation	-	B	-
A6.4.1.10.	Air Turbine Motor (ATM) components and system operation	-	B	-
A6.4.2.1.	Operate bleed air system	-	3c	-
A6.4.2.6.	Operate fire/overheat warning system	-	3c	-
A6.4.2.9.	Operate ATM	-	2b	-
A6.4.2.10.	Operate APU generator	-	b	-
A6.4.5.	Service oxygen system	-	3c	-
A6.5.1.1.	Aileron system components and system operation	-	B	-
A6.5.1.2.	Operate aileron system	-	2b	-
A6.5.2.1.	Rudder system components and system operation	-	B	-
A6.5.2.2.	Operate rudder system	-	2b	-
A6.5.3.1.	Elevator system components and system operation	-	B	-
A6.5.3.2.	Operate elevator system	-	2b	-

STS 2A5X1  
(Attachment 18)

# 2A531B MATRIX (C-130)

STS 2A5X1

<b><u>STS ELEMENT</u></b>	<b><u>TASK</u></b>	<b><u>Phase 1</u></b>	<b><u>Phase 2</u></b>	<b><u>Phase 3</u></b>
A6.5.4.1.	Flap system components and system operation	-	B	-
A6.5.4.2.	Operate flap system	-	2b	-
A6.6.1.	Hydraulic system components and system operation	-	B	-
A6.6.2.	Hydraulic schematics	-	A	-
A6.6.3.1.	Service hydraulic reservoir	-	2b	-
A6.6.3.2.	Service hydraulic accumulator	-	2b	-
A6.6.3.3.	Operate auxiliary hydraulic system	-	2b	-
A6.7.1.	Power plant components and system operation	-	B	-
A6.7.2.	APU components and system operation		B	-
A6.7.3.	GTC components and system operation	-	B	-
A6.7.4.2.	Operate APU	-	b	-
A6.7.4.3.	Operate Gas Turbine Compressor (GTC)	-	3c	-
A6.7.5.1.	Service engine oil system	-	2b	-
A6.7.5.2.	Service APU oil tank	-	b	-
A6.7.5.3.	Service GTC oil tank	-	3c	-
A6.7.5.4.	Service engine starter	-	2b	-
A6.8.1.	Propeller components and system operation	-	B	-
A6.8.2.	Service propeller through atmospheric sump	-	3c	-
A6.9.1.	Fuel system components and system operation	-	B	-
A6.9.2.1.1.	Perform as single point refueling panel operator (refuel)	-	2b	3c
A6.9.2.2.1.	Perform as single point refueling panel operator (defuel)	-	b	-
A6.9.2.2.2.	Perform as flight station panel operator (defuel)	-	b	-
A6.9.2.3.	Perform ground fuel transfer	-	2b	3c
A6.10.1.	Electrical system components and system operation	-	B	-
A6.10.2.	Connect and disconnect external electrical power	-	3c	-
A6.10.3.2.	Perform operational check of lighting system	-	2b	-
A6.10.4.2.	Remove and install airplane and /SCNS batteries	-	2b	-

STS 2A5X1  
(Attachment 18)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-135 aircraft, as identified in attachment 7, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX	1
J3ABR2A531G 002*	Aerospace Maintenance Apprentice (C-135)	Sheppard AFB, TX	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-

## 2A531G STS MATRIX (C-135)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-

STS 2A5X1  
(Attachment 19)

# 2A531G STS MATRIX (C-135)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.9.12.2.	Select and use common hand tools	2b	-
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A2.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-

STS 2A5X1  
(Attachment 19)

# 2A531G STS MATRIX (C-135)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-

STS 2A5X1  
(Attachment 19)

# 2A531G STS MATRIX (C-135)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A7.1.1.1.	Periodic/Isochronal inspection concept	-	B
A7.1.1.2.1.	Perform preflight inspections	-	2b
A7.1.1.2.2.1.	Perform Thruflight Inspection 2A	-	2b
A7.1.1.2.2.2.	Perform Thruflight Inspection 2B	-	2b
A7.1.1.2.4.	Perform Home Station Check/Hourly Postflight	-	2b
A7.1.2.2.	Use interphone	-	2b/b
A7.1.3.1.	Aircraft launch	-	b
A7.1.3.2.	Call flight controls	-	2b
A7.1.3.3.	Aircraft recovery	-	b
A7.1.3.4.1.	Perform duties as Wing/tail walker	-	b
A7.1.3.4.2.	Perform duties as Brake operator	-	b
A7.1.3.5.5.	Axle jacking	-	2b
A7.1.4.	Compute center of gravity	-	2b
A7.1.5.1.	Install/remove landing gear ground safety devices	-	2b
A7.1.5.2.	Install/remove landing gear doors ground safety devices	-	2b
A7.1.6.	Ground aircraft	-	2b
A7.2.1.	Airframe components and structure	-	A
A7.2.2.1.	Operate crew entry door	-	2b
A7.2.2.2.	Operate cargo door	-	2b
A7.2.2.3.	Operate emergency exit hatch	-	2b
A7.2.2.4.	Operate wheel well doors	-	2b
A7.2.3.	Service cargo door reservoir	-	b
A7.2.4.1.	Open and close cowling (F-108)	-	2b/b
A7.2.5.2.	Remove and install cowling (TF-33)	-	b
A7.2.9.1.	Aircraft technical data	-	B
A7.2.9.2.	Use C-135 aircraft technical orders	-	2b
A7.2.9.3.	Review aircraft flight and maintenance records	-	B

STS 2A5X1  
(Attachment 19)

## 2A531G STS MATRIX (C-135)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A7.3.1.	Landing gear components and system operation	-	A
A7.3.2.2.	Operate brakes	-	2b
A7.3.3.1.	Service snubber	-	2b
A7.3.3.2.	Service centering cylinder	-	2b
A7.3.3.3.1.	Deflate landing gear struts	-	2b
A7.3.3.3.3.	Fill landing gear struts	-	2b
A7.3.3.3.4.	Inflate landing gear struts	-	2b
A7.3.3.4.	Service tires	-	2b
A7.3.5.3.1.	Remove and install Nose wheel and tire assemblies	-	2b
A7.3.5.3.2.	Remove and install Main wheel and tire assemblies	-	2b
A7.3.5.4.	Remove and install anti-skid transducer	-	2b
A7.3.5.5.	Remove and install brake assemblies	-	2b
A7.3.6.	Bleed brake system	-	2b
A7.3.7.	Determine serviceability of aircraft tires	-	2b
A7.3.8.	Inspect landing gear system	-	2b
A7.4.1.	Utility components and system operation	-	A
A7.4.3.1.	Service Gaseous oxygen	-	2b
A7.4.5.1.	Drain air cycle machine	-	b
A7.4.5.2.	Service air cycle machine	-	b
A7.5.1.	Flight control components and system operation	-	A
A7.5.2.1.	Operate aileron system	-	2b
A7.5.2.2.	Operate rudder system	-	2b
A7.5.2.3.	Operate elevator system	-	2b
A7.5.2.4.	Operate spoiler/speed brake system	-	2b
A7.5.2.5.	Operate stabilizer trim system	-	2b
A7.5.2.6.	Operate flap system	-	2b
A7.6.1.	Hydraulic components and system operation	-	A
A7.6.2.1.	Service reservoir	-	2b
A7.6.2.2.	Service accumulator	-	2b
A7.6.3.	Inspect major hydraulic system components	-	2b
A7.6.4.2.	Operate non-engine driven hydraulic pump	-	2b
A7.7.1.	Engine and auxiliary power unit (APU) components and system operation	-	A
A7.7.4.1.	Service engine oil system	-	b
A7.7.7.	Inspect chip detectors	-	b
A7.7.8.1.	Inspect installed engine turbine	-	1b
A7.7.8.2.	Inspect installed engine compressor	-	1b

STS 2A5X1  
(Attachment 19)

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A7.7.9.	Inspect auxiliary power unit	-	2b
A7.8.1.	Fuel components and system operation	-	A
A7.8.2.1.	Ground transfer fuel wing tank transfer	-	b
A7.8.3.1.	Refuel team member	-	b
A7.8.3.2.	Refuel team panel operator	-	b
A7.8.4.1.	Defuel team member	-	b
A7.8.4.2.	Defuel team panel operator	-	b
A7.8.6.	Inspect fuel system	-	1b
A7.8.7.2.1.	Inspect boom	-	2b
A7.8.7.2.2.	Install/remove boom sling	-	2b
A7.8.7.2.3.	Drain boom	-	b
A7.8.7.2.4.	Service boom shock absorber	-	2b
A7.8.7.2.5.	Service boom hoist reservoir	-	b
A7.8.7.2.6.	Service surge boots	-	2b
A7.9.1.	Electrical components and system operation	-	A
A7.9.2.	Switch guards	-	A
A7.9.3.2.	Perform operational check on lighting system	-	2b
A7.9.4.3.	Remove and install batteries	-	2b/b
A7.9.7.	Connect/apply and disconnect external electrical power	-	2b
A7.10.1.	Egress components and system operation	-	A

## 2A531A STS MATRIX (C-141)

STS 2A5X1

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-141 aircraft, as identified in attachment 8, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX.	1
J3ABR2A531A 002*	Aerospace Maintenance Apprentice (C-141)	Sheppard AFB, TX	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

**Note 3:** This training is provided to meet AFRES training requirements.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-

STS 2A5X1  
(Attachment 20)

# 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-

STS 2A5X1  
(Attachment 20)

# 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.9.12.2.	Select and use common hand tools	2b	-
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.9.14.	Tool Control	B	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A2.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase</u>	<u>Phase</u>
		<u>1</u>	<u>2</u>
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A8.1.1.	Use hardware and securing devices	-	2b
A8.1.2.	Select and use aircraft sealants	-	b
A8.1.3.	Use restraint harnesses	-	2b
A8.2.1.1.	Maintenance Data Collection (G081)		A
A8.2.1.2.	GO81 system program 9050-Open aircraft discrepancies	-	2b
A8.2.1.3.	GO81 system program 9010-Close aircraft discrepancies	-	2b
A8.2.1.4.	GO81 system program 9099-MDC/close aircraft discrepancy	-	2b
A8.2.1.5.	GO81 system program 8063-Jobs closed, no MDC taken list	-	2b
A8.2.2.1.	GO81 system program 9128-Build repairable item processing tag (AFTO Form 350)	-	A
A8.2.2.2.	GO81 system program 8044-Supply information on a particular aircraft	-	A
A8.2.2.3.	GO81 system program 8057-Tail number bin (TNB) list	-	A
A8.2.2.4.	Document AF Form 2413, Supply Ordering	-	A
A8.2.3.1.	GO81 system program 9032F-Generate and document aircraft flying forms	-	A
A8.2.3.2.	GO81 system program 9203-JOAP sample form	-	A
A8.2.3.3.	Document AF Form 1492, Warning Tag	-	A
A8.3.1.1.	Danger areas	-	B
A8.3.1.2.	Accident prevention	-	B
A8.3.2.	Prevent FOD	-	2b
A8.3.3.	Use technical orders	-	2b
A8.3.4.	Detect corrosion	-	2b
A8.3.5.1.	Isochronal inspection concept	-	B
A8.3.5.2.	Perform preflight inspection	-	2b
A8.3.5.3.	Perform thruflight inspection	-	2b
A8.3.5.4.	Perform basic post flight inspection	-	2b
A8.3.6.3.	Operate interphone	-	2b
A8.3.7.1.	Launch aircraft	-	A
A8.3.7.2.	Recover aircraft	-	A

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A8.3.7.3.	Statically ground aircraft	-	2b
A8.3.7.4.1.	Tow procedures	-	B
A8.3.7.4.2.	Prepare aircraft for tow	-	2b
A8.3.7.4.3.	Tow wing/tail walker	-	B
A8.3.7.4.4.	Tow brake operator	-	B
A8.3.7.5.	Moor aircraft	-	2b
A8.3.7.6.1.	Aircraft jacking	-	B
A8.3.7.6.3.	Nose jack team member	-	2b
A8.3.7.6.5.	Axle jacking	-	2b
A8.3.7.7.	Marshall aircraft	-	B
A8.3.8.1.	Remove/install troop/passenger seats	-	2b
A8.3.9.1.	Operate cargo winch	-	2b
A8.3.9.3.	Remove/install cargo winch	-	2b
A8.3.13.1.	Remove and install crew latrine	-	2b
A8.4.1.	Airframe components and structure	-	B
A8.4.2.1.	Crew entry door system principles of operation	-	B
A8.4.2.2.	Cargo doors/ramp system principles of operation	-	B
A8.4.3.1.	Open and close cargo doors (normal mode)	-	2b
A8.4.3.3.	Open and close personnel doors	-	2b
A8.4.3.4.	Open and close crew entry door	-	2b
A8.4.3.5.	Open and close emergency exits	-	2b
A8.4.3.6.	Open and close radome	-	2b
A8.4.4.1.	Remove and install aircraft panels	-	2b
A8.4.4.2.	Remove and install crew member seats	-	2b
A8.4.4.3.	Remove and install windshield	-	b
A8.4.4.4.	Remove and install wing life rafts	-	2b
A8.4.4.5.	Remove and install aft upper deck life rafts	-	2b
A8.4.4.6.	Remove and install upper hatch life rafts	-	2b
A8.4.6.1.	Lubricate airframe and landing gear components	-	2b
A8.5.1.	Landing gear components and system operation	-	B
A8.5.2.2.	Operate brakes	-	2b
A8.5.4.1.	Inflate shock strut	-	2b
A8.5.4.2.	Inflate axle beam (bogie) positioner	-	2b
A8.5.4.3.	Inflate tires	-	2b
A8.5.5.1.	Disconnect/connect NLG torque arms	-	2b
A8.5.5.2.	Disconnect/connect right NLG door	-	2b
A8.5.5.3.	Disconnect/connect MLG doors	-	2b

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A8.5.6.1.	Remove and install main wheel and tire assembly	-	2b
A8.5.6.2.	Remove and install nose wheel and tire assembly	-	2b
A8.5.6.3.	Remove and install brake assembly	-	2b
A8.5.6.4.	Remove and install brake hose	-	2b
A8.5.6.5.	Remove and install brake swivel fitting	-	2b
A8.5.7.	Bleed brake	-	2b
A8.5.8.	Reset brake fuse	-	2b
A8.5.9.	Determine serviceability of tires	-	2b
A8.6.1.1.	Bleed air system components and operation	-	B
A8.6.1.2.	Wing overheat warning system components and operation	-	B
A8.6.1.3.	Air conditioning system components and operation	-	B
A8.6.1.4.	Pressurization system components and operation	-	B
A8.6.1.5.	Anti-ice/de-ice system components and operation	-	B
A8.6.1.6.	Rain removal system components and operation	-	B
A8.6.1.7.	Fire/overheat warning/extinguishing system components and operation	-	B
A8.6.1.8.	Smoke detection system components and operation	-	B
A8.6.1.9.	Oxygen system components and operation	-	B
A8.6.2.1.	Operate bleed air system	-	2b
A8.6.2.2.	Operate air conditioning system	-	2b
A8.6.2.7.	Operate fire/overheat warning systems	-	2b
A8.6.2.8.	Operate smoke detection system	-	2b
A8.6.2.9.	Operate wing overheat warning system	-	2b
A8.6.3.	Service oxygen system	-	2b
A8.7.1.	Flight control components and system operation	-	B
A8.7.2.	Operate flight controls	-	2b
A8.7.3.	Reset a flap asymmetry	-	B
A8.7.4.	Rig flight controls	-	B
A8.8.1.	Hydraulic components and system operation	-	B
A8.8.2.	Hydraulic schematic symbols	-	B
A8.8.3.1.	Service hydraulic system reservoir	-	2b
A8.8.3.2.	Service hydraulic system accumulator	-	2b
A8.8.4.	Operate non-engine driven pump	-	2b
A8.8.5.	Reposition/retorque lines for minor leaks	-	2b
A8.8.6.1.	Remove and install tubing	-	2b
A8.8.6.2.	Remove and install fittings	-	2b
A8.8.6.3.	Remove and install filter elements	-	2b
A8.9.1.	Engine and auxiliary power unit (APU) components and system operation	-	B

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A8.9.2.2.	Operate auxiliary power unit	-	2b
A8.9.3.1.	Service engine oil tank	-	2b/b
A8.9.3.2.	Service constant speed drive tank	-	2b/b
A8.9.3.3.	Service auxiliary power unit	-	2b
A8.9.5.	Adjust cowl door latch	-	2b
A8.9.6.1.	Open and close forward cowl door	-	2b
A8.9.6.2.	Open and close aft cowl door	-	2b
A8.9.6.3.	Open and close thrust reverser fairing door	-	2b
A8.9.6.4.	Engine accessory doors	-	2b
A8.9.7.	Take JOAP sample	-	2b
A8.9.10.	Deactivate thrust reverser system	-	2b
A8.10.1.	Fuel components and system operation	-	B
A8.10.4.1.	Refuel preparation	-	b
A8.10.4.2.	Refuel panel operator	-	b
A8.10.5.1.	Defuel preparation	-	b
A8.10.5.2.	Defuel panel operator	-	b
A8.10.7.1.	Location of in-flight-refueling system components and system operation	-	B
A8.11.1.	Electrical system components and system operation	-	B
A8.11.2.	Electrical schematic symbols	-	B
A8.11.3.1.	Remove and install light lenses	-	2b
A8.11.3.2.	Remove and install light bulbs	-	2b
A8.11.3.3.	Remove and install strobe anti-collision bulb	-	2b
A8.11.3.4.	Remove and install battery	-	2b
A8.11.4.	Operate lighting systems	-	2b
A8.11.5.	Apply/disconnect external electrical power	-	2b
A8.12.1.	Egress system components and system operation	-	B
A8.12.2.	Inspect egress system components	-	2b
A8.12.3.	Operate egress system components	-	2b
A8.13.1.	Inspect and operate maintenance stands	-	2b
A8.13.2.	Inspect and operate aircraft jacks	-	2b
A8.13.3.	Inspect and operate MC-1A/MC2A air compressor	-	2b
A8.13.4.	Inspect and operate H-1 heater	-	2b
A8.13.5.	Inspect and operate A/M32A-86 electric generator	-	2b
A8.13.6.	Inspect and operate NF-2 portable lighting equipment	-	2b
A8.13.7.	Inspect and operate AM32A-95 gas turbine compressor	-	2b
A8.13.8.	Inspect and operate LN-2 liquid nitrogen cart	-	2b
A8.13.9.	Inspect and operate liquid oxygen servicing cart	-	2b

STS 2A5X1  
(Attachment 20)

## 2A531A STS MATRIX (C-141)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase</u> <u>1</u>	<u>Phase</u> <u>2</u>
A8.13.10.	Inspect and position ground fire extinguisher	-	2b

STS 2A5X1  
(Attachment 20)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-17 aircraft, as identified in attachment 9, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. Course J3AQR2A531D 000 is the same as Course J3ATR2A020 001; they are multi-identified for student scheduling purposes. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001 (Also identified as J3AQR2A531D 001)	Aircraft Maintenance Fundamentals Aircraft maintenance Apprentice (C-17)	Sheppard AFB, TX McChord AFB, WA	1
J3ABP2A531D 023*	Aerospace Maintenance Apprentice (C-17)	Charleston AFB, SC (TD) McChord AFB, WA (TD)	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-

STS 2A5X1  
(Attachment 21)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-

STS 2A5X1  
(Attachment 21)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.9.12.1.	Purpose of common hand tools	A	-
A2.9.12.2.	Select and use common hand tools	2b	-
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.9.14.	Tool Control	B	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear systems fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-

STS 2A5X1  
(Attachment 21)

# 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.16.3.2.	Remove/install hydraulic fittings	1b	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-

STS 2A5X1  
(Attachment 21)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A9.1.1.1.	Safety precautions for maintenance	-	3c
A9.1.1.1.1.	Safety precautions for statically ground aircraft	-	3c
A9.1.1.1.2.	Safety precautions for remove/install ground safety	-	3c
A9.1.1.2.	Safety precautions for danger areas	-	B
A9.1.1.3.	Safety precautions for aircraft containing ammunition/explosives	-	B
A9.1.1.4.	Safety precautions for radar	-	B
A9.1.2.	Use C-17 technical orders	-	B
A9.1.3.1.1.	Preflight inspection	-	2b
A9.1.4.1.1.	IRMS	-	3c
A9.1.4.1.2.	UHF	-	3c
A9.1.4.2.	Operate Mission Computing System (MCD/MCK)	-	3c
A9.1.4.3.	Operate Multi Function display (MFD)	-	3c
A9.1.4.4.	Operate Maintenance Monitor Panel (MMP)	-	3c
A9.1.4.5.	Operate interphone for maintenance	-	3c
A9.1.5.1.	Launch aircraft	-	3c
A9.1.5.2.	Recover aircraft	-	3c
A9.1.5.3.2.	Prepare aircraft for tow	-	3c
A9.1.5.3.3.	Wing/tail walker	-	3c
A9.1.5.3.4.	Brake operator	-	2b
A9.1.5.6.2.	Integral jacking team member	-	2b
A9.1.5.7.	NLG axle jacking	-	3c
A9.1.6.1.	Operational checkout cargo winch	-	3c
A9.1.6.2.	Service cargo winch	-	3c
A9.1.9.1.	Configure aircraft for Aeromedical evacuation	-	3c
A9.1.9.2.	Configure aircraft for Logistics	-	3c
A9.1.9.4.	Configure aircraft for Troop drop	-	3c
A9.1.9.5.	Configure aircraft for Aerial Delivery System	-	3c
A9.1.9.6.	Configure aircraft for Container Delivery System	-	3c

STS 2A5X1  
(Attachment 21)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A9.1.10.5.	ADS controller	-	3c
A9.2.1.	Airframe components and structure	-	B
A9.2.3.1.	Perform operational checkout of Crew entry doors	-	3c
A9.2.3.2.	Perform operational checkout of Troop doors	-	3c
A9.2.3.3.1.	Open/close from aft loadmaster panel	-	3c
A9.2.4.1.	Open/close Nose radome assembly	-	3c
A9.2.4.3.2.	Fuselage/wing access entry/exit	-	3c
A9.2.4.3.5.	Under floor maintenance tunnels	-	3c
A9.2.4.3.6.	Vertical stabilizer entry/exit	-	3c
A9.2.4.3.7.	Horizontal stabilizer entry/exit	-	3c
A9.2.5.1.	Emergency doors	-	3c
A9.3.1.	Landing gear component and system operation	-	B
A9.3.2.1.1.	Service MLG shock strut nitrogen	-	3c
A9.3.2.2.1.	Service NLG shock strut nitrogen	-	3c
A9.3.2.3.	Service NLG tires	-	3c
A9.3.2.6.	Service brake accumulator	-	3c
A9.3.3.1.	Remove/install main wheel and tire assemblies	-	3c
A9.3.3.2.	Remove/install brake assemblies	-	3c
A9.3.3.3.	Remove/install nose wheel and tire assemblies	-	3c
A9.3.3.5.	Remove/install brake compensating link	-	3c
A9.3.4.	Remove/install bleed brake system	-	3c
A9.3.6.1.	Disconnect/connect NLG torque arms	-	3c
A9.4.1.1.	Bleed air system	-	B
A9.4.1.2.	Manifold failure warning system	-	B
A9.4.1.3.	Air conditioning system	-	B
A9.4.1.4.	Pressurization system	-	B
A9.4.1.5.	Anti-ice/de-ice system	-	B
A9.4.1.6.	Rain removal/windshield wiper system	-	B
A9.4.1.7.	Fire/overheat warning system	-	B
A9.4.1.8.	Fire extinguisher system	-	B
A9.4.1.9.	Smoke detection system	-	B
A9.4.1.10.	Water and waste system	-	B
A9.4.1.11.	Onboard Inert Gas Generating System (OBIGGS)	-	B
A9.4.3.1.	Liquid oxygen	-	3c
A9.5.1.	Flight control fundamentals, components, and system operation	-	B
A9.5.4.1.	Operate slats	-	2b
A9.5.4.2.	Operate flaps	-	2b

STS 2A5X1  
(Attachment 21)

## 2A531D STS MATRIX (C-17)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A9.5.4.3.	Operate horizontal stabilizer	-	2b
A9.6.1.	Hydraulic system fundamentals components, and system operation	-	B
A9.6.1.1.	Ram air turbine	-	B
A9.6.2.1.	Service reservoir	-	3c
A9.6.2.4.	Service bleed reservoir	-	3c
A9.6.5.2.	Operate auxiliary hydraulic pump	-	3c
A9.7.1.	Engine and auxiliary power unit (APU) components and system operation	-	B
A9.7.3.	Operate auxiliary power unit	-	3c
A9.7.4.1.	Service engine oil system	-	3c
A9.7.4.2.	Service integrated drive generator	-	3c
A9.7.4.3.	Service auxiliary power unit oil system	-	3c
A9.7.6.1.	Open and close trust/fan reverser duct assembly	-	3c
A9.7.6.2.	Open and close auxiliary power unit access door	-	3c
A9.7.6.3.	Open and close engine accessory doors	-	3c
A9.7.8.	Hydraulically deploy/stow thrust reversers	-	3c
A9.8.1.	Fuel system components and system operation	-	B
A9.8.3.1.	Refuel aircraft team member	-	2b
A9.8.3.3.	Refuel fuel panel operator	-	2b
A9.8.4.1.	Defuel team member	-	2b
A9.8.4.3.	Defuel fuel panel operator	-	2b
A9.8.10.	Ground transfer fuel from overhead fuel panel	-	3c
A9.9.1.	Electrical system components and operation	-	B
A9.9.2.3.	Remove/install main batteries	-	3c
A9.9.4.4.	Perform operational check on batteries	-	3c
A9.9.5.	Connect/disconnect external electrical power	-	3c
A9.10.1.	Egress components and system operation	-	B
A9.10.5.	FEDS awareness	-	B
A9.12.1.10.	Perform pre-use inspection and operate B7 maintenance stand	-	3c

STS 2A5X1  
(Attachment 21)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-5 aircraft, as identified in attachment 10, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. Course J3AQR2A531C 000 is the same as course J3ATR2A020 001; they are multi-identified for student scheduling purposes. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001 (Also identified as J3AQR2A531C 000)	Aircraft Maintenance Fundamentals Aircraft maintenance Apprentice (C-5)	Sheppard AFB, TX	1
J3ABP2A531C 000*	Aerospace Maintenance Apprentice (C-5)	Dover AFB, MD	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A.2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-

STS 2A5X1  
(Attachment 22)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-
A2.9.12.2.	Select and use common hand tools	2b	-

STS 2A5X1  
(Attachment 22)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-

STS 2A5X1  
(Attachment 22)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-

STS 2A5X1  
(Attachment 22)

# 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A10.1.1.1.	Safety precautions pertaining to high intensity sound	-	B
A10.1.1.2.	Safety precautions pertaining to good housekeeping	-	B
A10.1.1.3.	Safety precautions pertaining to danger areas	-	B
A10.1.1.4.	Inspect and position ground fire extinguishers	-	2b
A10.1.2.	FOD prevention	-	B
A10.1.3.	Use technical orders	-	2b
A10.1.4.1.	Isochronal inspection concept	-	B
A10.1.4.2.1.	Perform preflight inspection	-	2b
A10.1.4.2.3.	Perform basic post flight inspection	-	2b
A10.1.5.1.3.	Operate interphone system	-	2b
A10.1.6.1.	Launch and recovery procedures	-	B
A10.1.6.2.	Launch aircraft	-	b
A10.1.6.3.	Recover aircraft	-	b
A10.1.6.4.	Select and use restraint harnesses	-	2b
A10.1.6.5.1.	Tow procedures	-	B
A10.1.6.5.2.	Prepare aircraft for tow	-	B
A10.1.6.5.4.	Tow brake operator	-	2b
A10.1.6.6.1.	Fuselage Jacking	-	B
A10.1.6.6.2.	Jacking team member	-	B
A10.1.6.6.4.	Axle jacking	-	2b
A10.1.14.	Deactivate/reactivate FSS system	-	B
A10.2.1.	Airframe components and structure	-	B
A10.2.2.1.	Principles of operation crew entrance door	-	B
A10.2.2.2.	Principles of operation forward cargo door	-	B
A10.2.2.3.	Principles of operation aft cargo door/ramp	-	B
A10.2.2.4.	Principles of operation emergency exits	-	B
A10.2.3.3.	Operate personnel doors	-	2b
A10.2.3.4.	Operate crew entry door	-	2b
A10.2.3.5.	Operate service doors	-	2b
A10.2.4.1.	Remove and install aircraft panels	-	2b
A10.2.4.2.	Remove and install crew member seats	-	2b
A10.2.4.6.	Remove and install cargo floor rollers	-	2b

STS 2A5X1  
(Attachment 22)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A10.2.5.1.	Open and close radomes	-	b
A10.2.5.2.	Open and close escape hatches	-	2b
A10.2.10.	Operate flight station ladder/ troop compartment ladder	-	2b
A10.3.1.	Landing gear components and system operation	-	B
A10.3.2.2.	Operate brakes	-	2b
A10.3.2.5.	Operate individual kneel system	-	B
A10.3.3.1.	Service shock strut	-	2b
A10.3.3.2.	Service pitch positioner	-	2b
A10.3.3.3.	Service tires	-	2b
A10.3.5.1.	Remove and install NLG wheel and tire assemblies	-	b
A10.3.5.2.	Remove and install MLG wheel and tire assembly	-	2b
A10.3.5.3.	Remove and install brake assemblies	-	b
A10.3.5.4.	Remove and install brake lines	-	b
A10.3.6.	Bleed brake systems	-	b
A10.3.7.	Determine serviceability of aircraft tires	-	2b
A10.4.1.1.	Bleed air system components and system operation	-	B
A10.4.1.2.	Wing overheat warning system components and system operation	-	B
A10.4.1.3.	Air conditioning system components and system operation	-	B
A10.4.1.4.	Anti-ice/de-ice system components and system operation	-	B
A10.4.1.5.	Pressurization system components and system operation	-	B
A10.4.1.7.	Fire/overheat warning system components and system operation	-	B
A10.4.1.8.	Smoke detection system components and system operation	-	B
A10.4.1.9.	Eng /APU fire extinguishing system components and system operation	-	B
A10.4.1.10.	Oxygen system components and system operation	-	B
A10.4.1.11.	Air Turbine Motor (ATM) components and system operation	-	B
A10.4.1.12.	Fire suppression system components and operation	-	B
A10.4.2.1.	Operate bleed air system	-	b
A10.4.2.2.	Test wing overheat warning system	-	b
A10.4.2.3.	Operate air conditioning system	-	b
A10.4.2.7.	Test fire/overheat warning system	-	2b
A10.4.2.8.	Test smoke detection system	-	2b
A10.4.2.11.	Operate ATM	-	2b
A10.4.2.12.	Operationally check flame detectors	-	2b
A10.4.3.1.	Service oxygen system	-	2b
A10.4.3.2.	Remove/service/reinstall portable oxygen bottles	-	2b
A10.5.1.	Flight control components and system operation	-	B
A10.5.2.	Operate flight controls	-	b
A10.6.1.	Hydraulic system components and system operation	-	B

STS 2A5X1  
(Attachment 22)

## 2A531C STS MATRIX (C-5)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase2</u>
A10.6.2.	Hydraulic schematic symbols	-	B
A10.6.3.1.	Service reservoir	-	2b
A10.6.3.2.	Service accumulator	-	2b
A10.6.3.3.	Service ATM	-	2b
A10.6.4.2.	Operate ATM driven pump	-	2b
A10.6.5.1.	Remove and install hydraulic lines	-	2b
A10.6.5.2.	Remove and install hydraulic hoses	-	2b
A10.6.5.3.	Remove and install hydraulic fittings	-	2b
A10.6.6.	Reposition/ retorque hydraulic lines for minor leaks	-	2b
A10.7.1.	Engine and APU components and operation	-	B
A10.7.2.2.	Operate APU	-	2b
A10.7.2.3.1.	Service engine oil system	-	2b
A10.7.2.3.2.	Service constant speed drive reservoir	-	b
A10.7.2.3.3.	Service auxiliary power unit	-	2b
A10.7.2.3.4.	Service engine starter	-	b
A10.7.4.	Open/close engine cowling	-	2b
A10.7.8.	Open and close APU access door	-	2b
A10.7.12.	Thrust reverser components and operation	-	B
A10.7.14.	Lockout thrust reverser system	-	2b
A10.8.1.	Fuel system components and system operation	-	B
A10.8.2.	Perform ground transfer of fuel	-	2b
A10.8.3.1.	Refuel preparation	-	B
A10.8.4.1.	Defuel preparation	-	B
A10.8.7.1.	Location of in-flight refueling system components and system operation	-	B
A10.9.1.	Electrical system components and operation	-	B
A10.9.2.	Electrical schematic symbols	-	B
A10.9.3.1.	Operate interior/exterior lighting system	-	2b
A10.9.3.2.	Operate indicator warning lights	-	2b
A10.9.4.1.	Remove and install light lenses	-	2b
A10.9.4.2.	Remove and install light bulbs	-	2b
A10.9.4.3.	Remove and install battery	-	2b
A10.9.6.1.	Inspect electrical components	-	2b
A10.9.6.2.	Inspect wiring and connectors	-	2b
A10.9.7.	Connect apply and disconnect external electrical power	-	2b
A10.10.1.	Egress system components and operation	-	B
A10.10.2.	Inspect egress components	-	2b
A10.11.1.	Inspect and operate liquid oxygen servicing cart	-	2b

STS 2A5X1  
(Attachment 22)

## 2A531A STS MATRIX (C-9)

STS 2A5X1

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to C-9 aircraft, as identified in attachment 11, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. Course J3AQR2A531A 002 is the same as course J3ATR2A020 001; they are multi-identified for student scheduling purposes. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001 (Also identified as J3AQR2A531A 002)	Aircraft Maintenance Fundamentals Aircraft Maintenance Apprentice (C-9)	Sheppard AFB, TX	1
J5ABO2A531A 002*	Aerospace Maintenance Apprentice (C-9)	Scott AFB, IL	2

\*Awards 3-level AFSC. This course is conducted by the 375 LSS/LGLTQ (AMC)

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-

STS 2A5X1  
(Attachment 23)

# 2A531A STS MATRIX (C-9)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-
A2.9.12.2.	Select and use common hand tools	2b	-

STS 2A5X1  
(Attachment 23)

# 2A531A STS MATRIX (C-9)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase</u>	<u>Phase</u>
		<u>1</u>	<u>2</u>
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.9.14.	Tool Control	B	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-

STS 2A5X1  
(Attachment 23)

## 2A531A STS MATRIX (C-9)

STS 2A5X1

<u><b>STS ELEMENT</b></u>	<u><b>TASK</b></u>	<u><b>Phase</b></u>	<u><b>Phase</b></u>
		<u><b>1</b></u>	<u><b>2</b></u>
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/ compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-
A2.20.9.3.3.	Operate diesel generators	2b	-

STS 2A5X1  
(Attachment 23)

## 2A531A STS MATRIX (C-9)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A11.1.1.	Flight line safety	-	B
A11.1.2.	Use TOs	-	3c
A11.1.4.1.	Preflight	-	3c
A11.1.4.2.	Thruflight	-	3c
A11.1.5.1.1.	Operate UHF radio	-	2b
A11.1.5.1.2.	Operate VHF radio	-	3c
A11.1.5.1.3.	Use interphone	-	3c
A11.1.6.1.	Launch aircraft	-	3c
A11.1.6.2.	Recover aircraft	-	3c
A11.1.6.3.1.	Prepare aircraft for tow	-	3c
A11.1.6.3.2.	Wing/tail walker	-	3c
A11.1.6.3.3.	Brake operator	-	3c
A11.1.8.1.	Jacking team member	-	3c
A11.1.8.2.	Plumb bob monitor	-	3c
A11.1.8.4.	Axle jacking	-	3c
A11.2.1.	Airframe components and structure	-	B
A11.2.2.1.	Principles of operating crew entry door	-	B
A11.2.2.2.	Principles of operating aft cabin door	-	B
A11.2.2.3.	Principles of operating patient loading ramp	-	B
A11.2.3.1.	Operate crew entry door	-	3c
A11.2.3.2.	Operate aft cabin doors	-	3c
A11.2.3.3.	Operate patient loading ramp	-	3c
A11.2.4.2.	Remove and install aircraft panels	-	3c
A11.2.4.6.	Remove and install tail cone assembly	-	2b
A11.2.5.1.	Open and close cowling	-	3c
A11.2.5.2.	Open and close panels	-	3c
A11.2.5.3.	Open and close radomes	-	3c
A11.2.10.	Drain potable water tanks	-	3c
A11.3.1.	Landing gear components and system operation	-	B
A11.3.2.1.	Perform operational check of landing gear	-	2b

STS 2A5X1  
(Attachment 23)

# 2A531A STS MATRIX (C-9)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A11.3.2.2.	Perform operational check of brakes	-	2b
A11.3.2.4.	Perform operational check of anti skid	-	3c
A11.3.3.1.	Service main landing gear shock strut	-	3c
A11.3.3.3.	Service nose landing gear shock strut	-	3c
A11.3.3.4.	Service tires	-	3c
A11.3.4.	Lubricate landing gear components	-	3c
A11.3.5.1.	Remove and install wheel and tire assemblies	-	3c
A11.3.5.2.	Remove and install brake assemblies	-	3c
A11.3.6.	Bleed brake systems	-	3c
A11.3.7.	Determine serviceability of aircraft tires	-	3c
A11.4.1.1.	Bleed air system components and system operation	-	A
A11.4.1.2.	Wing overheat warning system components and system operation	-	A
A11.4.1.3.	Air conditioning system components and system operation	-	A
A11.4.1.4.	Pressurization system components and system operation	-	A
A11.4.1.5.	Anti-ice/de-ice system components and system operation	-	A
A11.4.1.6.	Rain removal system components and system operation	-	A
A11.4.1.7.	Fire/overheat warning system components and system operation	-	A
A11.4.1.8.	Fire extinguisher system components and system operation	-	A
A11.4.1.9.	Oxygen system components and system operation	-	A
A11.4.2.6.	Operate oxygen system	-	2b
A11.4.4.	Service oxygen system	-	2b
A11.5.1.	Flight control system components and system operation	-	B
A11.5.2.	Operate flight controls	-	3c
A11.5.5.	Lubricate flight controls	-	3c
A11.6.1.	Hydraulic system components and system operation	-	B
A11.6.3.1.	Service hydraulic reservoir	-	3c
A11.6.3.2.	Service hydraulic accumulator	-	3c
A11.6.5.2.	Operate non-engine driven hydraulic pump	-	3c
A11.7.1.	Engine systems and APU components and system operation	-	B
A11.7.2.2.	Operate auxiliary power unit	-	2b
A11.7.3.1.	Service engine oil system	-	3c
A11.7.3.2.	Service constant speed drive	-	3c
A11.7.3.4.	Service auxiliary power unit	-	3c
A11.7.5.	Take oil sample	-	2b
A11.7.7.	Disable thrust reverser system	-	3c
A11.8.1.	Fuel components and system internal operation	-	B
A11.8.2.	Perform operational check of fuel system	-	2b

STS 2A5X1  
(Attachment 23)

## 2A531A STS MATRIX (C-9)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A11.8.3.1.	Refuel team member	-	3c
A11.8.4.1.	Defuel team member	-	3c
A11.8.5.	Ground transfer fuel	-	3c
A11.9.1.	Electrical system components and system operation	-	B
A11.9.3.1.	Perform operational check of electrical power supply system	-	2b
A11.9.3.2.	Perform operational check of lighting system	-	3c
A11.9.3.3.	Perform operational check of indicator warning lights	-	3c
A11.9.4.1.	Remove and install light lenses	-	1b
A11.9.4.2.	Remove and install light bulbs	-	1b
A11.9.7.	Connect/apply/disconnect external electrical power	-	3c
A11.10.1.	Egress system components and system operation	-	B
A11.10.3.	Remove and install forward evacuation slide	-	3c
A11.10.4.	Remove and install tail cone evacuation slide	-	3c
A11.11.1.	Inspect and operate maintenance stands	-	3c
A11.11.2.	Inspect and operate aircraft jacks	-	3c
A11.11.3.	Inspect and operate A/M32A-86 electric generator	-	3c
A11.11.4.	Inspect and operate A/M32A-95 gas turbine compressor	-	3c
A11.11.5.	Inspect and operate self-generating nitrogen equipment	-	3c
A11.11.6.	Inspect and operate liquid oxygen servicing cart	-	3c
A11.11.7.	Inspect and operate EPU-5 frequency converter	-	3c

STS 2A5X1  
(Attachment 23)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to E-3 and E-8 aircraft, as identified in attachment 12, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. Course J3AQR2A531G 001 is the same as course J3ATR2A020 001; they are multi-identified for student scheduling purposes. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals (Also identified as J3AQR2A531G 001 Aircraft maintenance Apprentice (E-3)	Sheppard AFB, TX	1
J3ABP2A531G 002*	Aerospace Maintenance Apprentice (E-3/E-8)	Tinker AFB, OK (TD)	2

\*Awards 3-level AFSC

**Note 2:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-
A2.1.2.	Duties of AFS 2A5X1	A	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-
A2.3.2.14.	Safety precautions pertaining to composite materials	A	-
A2.3.3.1.	Inspect fire extinguisher	2b	-
A2.3.3.2.	Position fire extinguisher	b	-
A2.3.3.3.	Operate fire extinguisher	b	-

## 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-
A2.3.6.1.	Hazardous chemicals use	A	-
A2.3.6.2.	Hazardous chemicals disposal	A	-
A2.3.6.3.	Hazard Communication Training Program	B	-
A2.4.1.	Technical order (TO) system	A	-
A2.4.2.	Air Force manuals and instructions	A	-
A2.4.3.	Use technical orders	1b	2b
A2.7.1.	Basic functions within maintenance	A	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-
A2.8.2.1.	Purpose of aircraft records	A	-
A2.8.2.2.	Automated forms	A	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b
A2.8.2.4.	Document AFTO Form 781A	1b	2b
A2.8.2.5.	Document AFTO Form 781J	1b	2b
A2.8.2.6.	Document AFTO Form 781K	1b	2b
A2.8.2.8.	Document AFTO Form 244/245	a	-
A2.8.2.9.	Document AFTO Form 350	1b	-
A2.8.3.1.	Purpose of CAMS	A	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-
A2.8.3.2.2.	Access JDD	1b	-
A2.8.3.2.3.	Create maintenance event	1b	-
A2.8.3.2.4.	Defer maintenance event	1b	-
A2.8.3.2.5.	Schedule maintenance event	1b	-
A2.8.3.2.6.	Close maintenance event	1b	-
A2.8.3.3.	Use CAMS	1b	-
A2.9.1.	Tool control	B	-
A2.9.5.1.	Purpose of hardware	A	-
A2.9.5.2.	Remove/install common hardware	2b	-
A2.9.6.1.	Purpose of electrical connectors	A	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-
A2.9.7.1.	Purpose of securing devices	A	-
A2.9.7.2.	Install/remove safety wire	2b	-
A2.9.7.3.	Install/remove cotter pins	2b	-
A2.9.8.	Lubricants	A	-
A2.9.9.	Sealants	A	-
A2.9.10.	Adhesives	A	-
A2.9.11.	Cleaning agents	A	-
A2.9.12.1.	Purpose of common hand tools	A	-

STS 2A5X1  
(Attachment 24)

# 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.9.12.2.	Select and use common hand tools	2b	-
A2.9.13.1.	Purpose of measuring tools	A	-
A2.9.13.2.	Select and use ruler	2b	-
A2.9.13.3.	Select and use thickness gauge	2b	-
A2.9.13.5.	Select and use torque wrench	2b	-
A2.9.14.	Tool Control	B	-
A2.10.1.	Maintenance supply concept	A	-
A2.10.3.	Ordering parts	A	-
A2.11.4.1.	Aircraft cleaning	A	-
A2.11.4.2.	Corrosion identification	A	-
A2.11.4.3.	Corrosion treatment	A	-
A2.11.4.4.	Lubrication methods	A	-
A2.11.5.	Aircraft inspection concepts/types	A	-
A2.11.6.	Principles of ground handling	A	-
A2.11.7.	Aircraft marshalling	b	-
A.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-
A2.12.1.	Airframe structure	A	-
A2.12.2.	Remove/install airframe panels	1b	-
A2.12.3.	Inspect airframe structural components	1b	-
A2.13.1.	Landing gear system fundamentals	A	-
A2.13.2.1.	Service shock strut	1b	-
A2.13.2.2.	Service tire	1b	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-
A2.13.3.2.	Remove/install brake assembly	1b	-
A2.13.4.	Brake bleeding	A	-
A2.14.1.2.	Oxygen system fundamentals	A	-
A2.14.1.3.	Bleed air system fundamentals	A	-
A2.14.1.4.	Pressurization system fundamentals	A	-
A2.14.1.5.	Air condition system fundamentals	A	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-
A2.15.1.	Flight control system fundamentals	A	-
A2.15.2.	Flight control component identification	A	-
A2.15.3.	Operate flight controls	1b	-
A2.16.1.	Hydraulic system fundamentals	A	-
A2.16.2.1.	Service hydraulic system reservoir	b	-
A2.16.2.2.	Service hydraulic system accumulator	b	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-

STS 2A5X1  
(Attachment 24)

# 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-
A2.17.1.	Engine system fundamentals	A	-
A2.17.2.	Identify engine components	A	-
A2.17.3.	Oil system servicing	A	-
A2.18.1.	Fuel system fundamentals	A	-
A2.18.2.	Operate fuel system	b	-
A2.18.3.	Classify fuel leaks	A	-
A2.19.1.	AC electrical system fundamentals	A	-
A2.19.2.	DC electrical system fundamentals	A	-
A2.19.3.	Remove/install/operate lighting components	1b	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-
A2.20.2.3.	Operate aircraft jacks	2b	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-
A2.20.5.1.	Purpose and description of ground heaters	A	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-
A2.20.5.3.	Operate ground heaters	2b	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-
A2.20.6.3.	Operate lighting equipment	2b	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-

STS 2A5X1  
(Attachment 24)

## 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A2.20.9.3.3.	Operate diesel generators	2b	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-
A12.1.1.1.	Isochronal inspection concept	-	B
A12.1.1.2.1.	Perform combined Preflight/Postflight inspection	-	3c
A12.1.1.2.2.	Perform After-Flight (3A) inspection	-	3c
A12.1.1.2.3.	Perform Before Flight (3B) inspection	-	3c
A12.1.1.2.4.	Perform quick turn inspection	-	3c
A12.1.1.2.5.	Perform Alert Preflight inspection	-	3c
A12.1.2.2.	Use interphone	-	3c
A12.1.3.1.	Launch aircraft	-	3c
A12.1.3.2.	Recover aircraft	-	3c
A12.1.3.4.1.	Perform as wing/tail walker during tow	-	3c
A12.1.3.4.2.	Perform as brake operator during tow	-	3c
A12.1.3.6.	Perform axle jacking	-	3c
A12.2.1.	Airframe components and structure	-	A
A12.2.2.1.	Operate entry door/hatch	-	3c
A12.2.2.2.	Operate emergency door/hatch	-	3c
A12.2.2.3.	Operate wheel well doors	-	3c
A12.2.3.1.	Remove and install cowling	-	3c
A12.2.3.2.	Remove and install panels	-	3c
A12.2.3.3.	Remove and install nonexplosive seats	-	3c
A12.2.3.5.	Remove and install life rafts	-	3c
A12.2.5.1.	Open and close cowling	-	3c
A12.2.8.	Inspect crew/passenger comfort facilities	-	3c
A12.2.9.	Service crew/passenger comfort facilities	-	3c
A12.3.1.	Landing gear components and system operation	-	A
A12.3.3.1.	Service landing gear struts	-	3c
A12.3.3.2.	Service tires	-	3c
A12.3.5.1.	Remove and install wheel and tire assemblies	-	3c
A12.3.5.2.	Remove and install brake assemblies	-	2b
A12.3.6.	Bleed brake system	-	2b

STS 2A5X1  
(Attachment 24)

## 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A12.3.7.	Determine serviceability of aircraft tires	-	3c
A12.3.8.	Inspect landing gear system	-	3c
A12.4.1.	Utility components and system operation	-	A
A12.4.2.2.	Perform operational check on air conditioning system	-	3c
A12.4.3.1.	Service oxygen system	-	3c
A12.4.4.1.	Inspect bleed air system	-	3c
A12.4.4.2.	Inspect air conditioning system	-	3c
A12.4.4.3.	Inspect pressurization system	-	3c
A12.4.4.4.	Inspect anti-ice/de-ice system	-	3c
A12.4.4.5.	Inspect rain removal system	-	3c
A12.4.4.6.	Inspect fire/overheat warning system	-	3c
A12.4.4.7.	Inspect fire extinguishing system	-	3c
A12.4.4.8.	Inspect oxygen system	-	3c
A12.4.6.	Operate forced air cooling system	-	2b
A12.5.1.	Flight control components and system operation	-	A
A12.5.2.	Operate flight controls	-	3c
A12.5.5.	Inspect flight controls	-	3c
A12.6.1.	Hydraulic components and system operation	-	A
A12.6.2.	Operation principle of rotodome system	-	3c
A12.6.3.1.	Service hydraulic reservoir	-	3c
A12.6.3.2.	Service hydraulic accumulator	-	3c
A12.6.3.3.	Inspect major hydraulic components	-	3c
A12.6.3.4.2.	Operate non-engine driven hydraulic pump	-	3c
A12.7.1.	Engine and APU components and system operation	-	A
A12.7.3.2.	Operate APU	-	3c
A12.7.4.1.	Service engine oil system	-	3c
A12.7.4.3.	Service APU	-	3c
A12.7.5.	Remove and install starter	-	2b
A12.7.6.	Take engine oil sample	-	3c
A12.7.7.1.	Inspect installed engine turbine	-	3c
A12.7.7.2.	Inspect installed engine compressor	-	3c
A12.7.8.	Inspect APU	-	3c
A12.8.1.	Fuel components and system operation	-	A
A12.8.3.1.	Perform as refuel team member	-	3c
A12.8.3.2.	Perform as refuel team panel operator	-	3c
A12.8.4.1.	Perform as defuel team member	-	3c
A12.8.4.2.	Perform as defuel team panel operator	-	3c

STS 2A5X1  
(Attachment 24)

## 2A531G STS MATRIX (E-3/E-8)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>
A12.8.6.	Inspect fuel system system	-	3c
A12.8.7.2.	Inspect IFR system	-	3c
A12.8.8.	Ground transfer fuel	-	3c
A12.9.1.	Electrical components and system operation	-	A
A12.9.2.2.	Perform operational check of lighting system	-	3c
A12.9.2.3.	Perform operational check of indicator warning lights	-	3c
A12.9.3.1.	Remove and install light lenses	-	2b
A12.9.3.2.	Remove and install light bulbs	-	2b
A12.9.3.3.	Remove and install batteries	-	3c
A12.9.5.1.	Inspect electrical components	-	3c
A12.9.5.2.	Inspect wiring and connectors	-	3c
A12.9.6.	Connect/apply/disconnect external electrical power	-	3c
A12.9.7.	Service integrated drive generator	-	3c
A12.10.1.	Egress components and system operation	-	A
A12.10.2.	Inspect evacuation slides	-	3c
A12.10.3.	Remove and install evacuation slide	-	3c
A12.11.1.	Inspect and operate liquid coolant system (LCS)	-	3c
A12.11.2.	Inspect and operate ACE 406-322 air conditioning unit	-	3c
A12.11.3.	Inspect and operate ACE 406-322 air conditioner	-	3c

STS 2A5X1  
(Attachment 24)

**Note 1:** The following matrix defines specific sources for training required to achieve an apprentice (3) skill level appropriate to KC-10 aircraft, as identified in attachment 13, column 4A, to this CFETP. Training is separated into different phases/locations as indicated below. The contents of each phase are shown by the proficiency codes listed under the appropriate column headings in the matrix.

**Note 2:** These same training phases are required to achieve an apprentice (3) skill level appropriate to E-4 aircraft. An E-4B aircraft familiarization course is provided at Offutt AFB, NE for students assigned to this aircraft.

<u>COURSE NR</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>PHASE</u>
J3ATR2A020 001	Aircraft Maintenance Fundamentals	Sheppard AFB, TX.	1
J3AQR2A531H 001	Aerospace Maintenance Apprentice (KC-10)	Sheppard AFB, TX	2
J3ABP2A531H 002*	Aerospace Maintenance Apprentice (KC-10)	McGuire AFB, NJ (TD) Travis AFB, CA (TD)	3

\*Awards 3-level AFSC

**Note 3:** The use of TOs, support equipment, tools and hardware, to include all applicable safety and inspection requirements, needed to properly perform maintenance are integrated throughout all phases of training to the level of the associated tasks.

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.1.1.	Progression in career ladder AFSC 2A5X1	A	-	-
A2.1.2.	Duties of AFS 2A5X1	A	-	-
A2.2.	Operations security (OPSEC) vulnerability of AFSC 2A5X1	A	-	-
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A	-	-
A2.3.2.1.	Safety precautions pertaining to engine air intake and exhaust	A	-	-
A2.3.2.2.	Safety precautions pertaining to high intensity sound	A	-	-
A2.3.2.3.	Safety precautions pertaining to turbine plane of rotation	A	-	-
A2.3.2.4.	Safety precautions pertaining to radio frequency radiation	A	-	-
A2.3.2.5.	Safety precautions pertaining to ground handling of aircraft	A	-	-
A2.3.2.6.	Safety precautions pertaining to hot brakes	A	-	-
A2.3.2.7.	Safety precautions pertaining to use of tools and equipment	A	-	-
A2.3.2.8.	Safety precautions pertaining to servicing aircraft systems	A	-	-
A2.3.2.9.	Safety precautions pertaining to cleaning agents	A	-	-
A2.3.2.10.	Safety precautions pertaining to solvents	A	-	-

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.3.2.11.	Safety precautions pertaining to lubricants	A	-	-
A.2.3.2.14.	Safety precautions pertaining to composite materials	A	-	-
A2.3.3.1.	Inspect fire extinguisher	2b	-	-
A2.3.3.2.	Position fire extinguisher	b	-	-
A2.3.3.3.	Operate fire extinguisher	b	-	-
A2.3.4.	Foreign Object Damage (FOD) Prevention Program	A	-	-
A2.3.6.1.	Hazardous chemicals use	A	-	-
A2.3.6.2.	Hazardous chemicals disposal	A	-	-
A2.3.6.3.	Hazard Communication Training Program	B	-	-
A2.4.1.	Technical order (TO) system	A	-	-
A2.4.2.	Air Force manuals and instructions	A	-	-
A2.4.3.	Use technical orders	1b	2b	-
A2.7.1.	Basic functions within maintenance	A	-	-
A2.8.1.	Maintenance data collection (MDC) fundamentals	A	-	-
A2.8.2.1.	Purpose of aircraft records	A	-	-
A2.8.2.2.	Automated forms	A	-	-
A2.8.2.3.	Document AFTO Form 781H	1b	2b	-
A2.8.2.4.	Document AFTO Form 781A	1b	2b	-
A2.8.2.5.	Document AFTO Form 781J	1b	2b	-
A2.8.2.6.	Document AFTO Form 781K	1b	2b	-
A2.8.2.8.	Document AFTO Form 244/245	b	-	-
A2.8.2.9.	Document AFTO Form 350	1b	-	-
A2.8.3.1.	Purpose of CAMS	A	-	-
A2.8.3.2.1.	Purpose of Job Data Documentation (JDD)	A	-	-
A2.8.3.2.2.	Access JDD	1b	-	-
A2.8.3.2.3.	Create maintenance event	1b	-	-
A2.8.3.2.4.	Defer maintenance event	1b	-	-
A2.8.3.2.5.	Schedule maintenance event	1b	-	-
A2.8.3.2.6.	Close maintenance event	1b	-	-
A2.8.3.3.	Use CAMS	1b	-	-
A2.9.1.	Tool control	B	-	-
A2.9.5.1.	Purpose of hardware	A	-	-
A2.9.5.2.	Remove/install common hardware	2b	-	-
A2.9.6.1.	Purpose of electrical connectors	A	-	-
A2.9.6.2.	Connect/disconnect electrical connectors	2b	-	-
A2.9.7.1.	Purpose of securing devices	A	-	-
A2.9.7.2.	Install/remove safety wire	2b	-	-

STS 2A5X1  
(Attachment 25)

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.9.7.3.	Install/remove cotter pins	2b	-	-
A2.9.8.	Lubricants	A	-	-
A2.9.9.	Sealants	A	-	-
A2.9.10.	Adhesives	A	-	-
A2.9.11.	Cleaning agents	A	-	-
A2.9.12.1.	Purpose of common hand tools	A	-	-
A2.9.12.2.	Select and use common hand tools	2b	-	-
A2.9.13.1.	Purpose of measuring tools	A	-	-
A2.9.13.2.	Select and use ruler	2b	-	-
A2.9.13.3.	Select and use thickness gauge	2b	-	-
A2.9.13.5.	Select and use torque wrench	2b	-	-
A2.10.1.	Maintenance supply concept	A	-	-
A2.10.3.	Ordering parts	A	-	-
A2.11.4.1.	Aircraft cleaning	A	-	-
A2.11.4.2.	Corrosion identification	A	-	-
A2.11.4.3.	Corrosion treatment	A	-	-
A2.11.4.4.	Lubrication methods	A	-	-
A2.11.5.	Aircraft inspection concepts/types	A	-	-
A2.11.6.	Principles of ground handling	A	-	-
A2.11.7.	Aircraft marshalling	b	-	-
A2.11.12.1.	Aircraft guarded switches design/function/proper identification	A	-	-
A2.12.1.	Airframe structure	A	-	-
A2.12.2.	Remove/install airframe panels	1b	-	-
A2.12.3.	Inspect airframe structural components	1b	-	-
A2.13.1.	Landing gear fundamentals	A	-	-
A2.13.2.1.	Service shock strut	1b	-	-
A2.13.2.2.	Service tire	1b	-	-
A2.13.3.1.	Remove/install wheel and tire assembly	1b	-	-
A2.13.3.2.	Remove/install brake assembly	1b	-	-
A2.13.4.	Brake bleeding	A	-	-
A2.14.1.2.	Oxygen system fundamentals	A	-	-
A2.14.1.3.	Bleed air system fundamentals	A	-	-
A2.14.1.4.	Pressurization system fundamentals	A	-	-
A2.14.1.5.	Air condition system fundamentals	A	-	-
A2.14.1.6.	Fire/overheat warning system fundamentals	A	-	-
A2.15.1.	Flight control system fundamentals	A	-	-
A2.15.2.	Flight control component identification	A	-	-

STS 2A5X1  
(Attachment 25)

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.15.3.	Operate flight controls	1b	-	-
A2.16.1.	Hydraulic system fundamentals	A	-	-
A2.16.2.1.	Service hydraulic system reservoir	b	-	-
A2.16.2.2.	Service hydraulic system accumulator	b	-	-
A2.16.3.1.	Remove/install hydraulic tubings/hoses	1b	-	-
A2.16.3.2.	Remove/install hydraulic fittings	1b	-	-
A2.16.3.3.	Remove/install hydraulic filter elements	1b	-	-
A2.17.1.	Engine system fundamentals	A	-	-
A2.17.2.	Identify engine components	A	-	-
A2.17.3.	Oil system servicing	A	-	-
A2.18.1.	Fuel system fundamentals	A	-	-
A2.18.2.	Operate fuel system	b	-	-
A2.18.3.	Classify fuel leaks	A	-	-
A2.19.1.	AC electrical system fundamentals	A	-	-
A2.19.2.	DC electrical system fundamentals	A	-	-
A2.19.3.	Remove/install/operate lighting components	1b	-	-
A2.20.1.1.1.	Purpose and description of maintenance platforms	A	-	-
A2.20.1.1.2.	Perform pre-use inspection of maintenance platforms	2b	-	-
A2.20.1.1.3.	Operate maintenance platforms	2b	-	-
A2.20.2.1.	Purpose and description of aircraft jacks	A	-	-
A2.20.2.2.	Perform pre-use inspection of aircraft jacks	2b	-	-
A2.20.2.3.	Operate aircraft jacks	2b	-	-
A2.20.3.1.1.	Purpose and description of liquid oxygen servicing equipment	A	-	-
A2.20.3.1.2.	Perform pre-use inspection of liquid oxygen servicing equipment	1b	-	-
A2.20.3.1.3.	Operate liquid oxygen servicing equipment	1b	-	-
A2.20.3.2.1.	Purpose and description of gaseous oxygen servicing equipment	A	-	-
A2.20.3.2.2.	Perform pre-use inspection of gaseous oxygen servicing equipment	1b	-	-
A2.20.3.2.3.	Operate gaseous oxygen servicing equipment	1b	-	-
A2.20.5.1.	Purpose and description of ground heaters	A	-	-
A2.20.5.2.	Perform pre-use inspection of ground heaters	2b	-	-
A2.20.5.3.	Operate ground heaters	2b	-	-
A2.20.6.1.	Purpose and description of lighting equipment	A	-	-
A2.20.6.2.	Perform pre-use inspection of lighting equipment	2b	-	-
A2.20.6.3.	Operate lighting equipment	2b	-	-
A2.20.7.1.	Purpose and description of hydraulic test stands	A	-	-
A2.20.8.1.	Purpose and description of air conditioning units	A	-	-
A2.20.9.1.1.	Purpose and description of A/M32A-60 gas turbine generator/compressors	A	-	-

STS 2A5X1  
(Attachment 25)

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A2.20.9.1.2.	Perform pre-use inspection of A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.1.3.	Operate A/M32A-60 gas turbine generator/compressors	2b	-	-
A2.20.9.2.1.	Purpose and description of A/M32A-95 gas turbine compressors	A	-	-
A2.20.9.2.2.	Perform pre-use inspection of A/M32A-95 gas turbine compressors	2b	-	-
A2.20.9.1.3.	Operate A/M32A-95 gas turbine compressors	2b	-	-
A2.20.9.3.1.	Purpose and description of diesel generators	A	-	-
A2.20.9.3.2.	Perform pre-use inspection of diesel generators	2b	-	-
A2.20.9.3.3.	Operate diesel generators	2b	-	-
A2.20.12.1.	Purpose and description of self-generating nitrogen servicing equipment	A	-	-
A2.20.12.2.	Perform pre-use inspection of self-generating nitrogen servicing equipment	2b	-	-
A2.20.12.3.	Operate self-generating nitrogen servicing equipment	2b	-	-
A2.20.15.1.	Purpose and description of oil servicing carts	A	-	-
A2.20.16.1.	Purpose and description of hydraulic servicing carts	A	-	-
A2.20.16.2.	Perform pre-use inspection of hydraulic servicing carts	2b	-	-
A2.20.16.3.	Operate hydraulic servicing carts	2b	-	-
A13.1.1.1.	C-Check Inspection	-	A	-
A13.1.1.2.1.	Perform preflight inspection	-	-	2b
A13.1.1.2.2.	Perform thruflight inspection	-	-	2b
A13.1.1.2.3.	Perform basic postflight inspection	-	-	2b
A13.1.1.2.4.	Perform park and receive inspection	-	-	2b
A13.1.1.2.8.	Perform "A" check inspections	-	A	-
A13.1.2.1.	Air Transport Association (ATA) TO System	-	B	-
A13.1.2.2.	Use ATA TOs	-	2b	-
A13.1.2.3.	Service bulletins and air worthiness directives	-	A	-
A13.1.3.2.	Use interphone	-	-	2b
A13.1.4.1.	Launch aircraft	-	B	-
A13.1.4.2.	Recover aircraft	-	B	-
A13.1.4.3.1.	Tow wing/tail walker	-	-	2b
A13.1.4.3.2.	Tow brake operator	-	-	2b
A13.1.4.4.1.	Jacking team member	-	A	-
A13.1.4.5.	Axle jacking	-	-	2b
A13.2.1.	Airframe components and structure	-	A	-
A13.2.2.1.	Operate entry doors	-	-	2b
A13.2.2.2.	Operate cargo door	-	-	2b
A13.2.2.3.	Operate wheel well doors	-	-	2b
A13.2.6.1.	Remove and install panels	-	-	2b
A13.2.6.7.	Remove and install crew entry ladder	-	-	2b

STS 2A5X1  
(Attachment 25)

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A13.2.7.1.	Open and close cowling	-	-	2b
A13.3.1.	Landing gear components and system operation	-	A	-
A13.3.2.2.	Perform operational check of brakes	-	-	2b
A13.3.5.1.	Service landing gear struts	-	-	2b
A13.3.5.2.	Service tires	-	-	2b
A13.3.7.1.	Remove and install wheel and tire assemblies	-	-	2b
A13.3.7.2.	Remove and install brake assemblies	-	-	2b
A13.3.10.	Determine serviceability of tires	-	-	2b
A13.3.11.	Inspect landing gear systems	-	-	2b
A13.4.1.	Utility components and system operation	-	A	-
A13.4.2.6.	Perform operational check of fire warning system	-	-	2b
A13.4.2.8.	Perform operational check of oxygen system	-	-	2b
A13.4.3.5.	Inspect rain removal system	-	-	2b
A13.4.3.6.	Inspect fire warning system	-	-	2b
A13.4.3.8.	Inspect oxygen system	-	-	2b
A13.4.4.	Service oxygen system	-	-	2b
A13.5.1.	Flight control components and system operation	-	A	-
A13.5.2.	Operate flight controls	-	-	2b
A13.5.4.	Inspect flight controls	-	-	2b
A13.6.1.	Hydraulic system components and system operation	-	A	-
A13.6.2.1.	Service hydraulic system reservoir	-	-	2b
A13.6.2.2.	Service accumulator	-	-	2b
A13.6.3.	Inspect major hydraulic components	-	-	2b
A13.6.4.2.	Operate non-engine driven pump	-	-	2b
A13.7.1.	Engine and APU components and system operation	-	A	-
A13.7.5.2.	Operate APU	-	-	2b
A13.7.6.1.	Service engine oil system	-	-	2b
A13.7.6.2.	Service constant speed drive	-	-	2b
A13.7.6.3.	Service APU	-	-	2b
A13.7.8.	Take engine oil sample	-	-	2b
A13.7.9.1.	Inspect installed engine exhaust	-	-	2b
A13.7.9.2.	Inspect installed engine inlet	-	-	2b
A13.7.12.	Inspect APU	-	-	2b
A13.8.1.	Fuel system components and system operation	-	A	-
A13.8.2.1.	Ground transfer fuel	-	-	2b
A13.8.2.2.1.	Perform as refuel team member	-	-	2b
A13.8.2.2.2.	Perform as refuel team panel operator	-	-	2b

STS 2A5X1  
(Attachment 25)

## 2A531H STS MATRIX (KC-10/E-4)

STS 2A5X1

<u>STS ELEMENT</u>	<u>TASK</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
A13.8.2.3.1.	Perform as defuel team member	-	-	2b
A13.8.2.3.2.	Perform as defuel team panel operator	-	-	2b
A13.8.4.	Inspect fuel system	-	-	2b
A13.8.5.1.1.	Inspect in-flight-refueling receiver system	-	-	2b
A13.8.5.1.2.	Operate in-flight-refueling receiver system	-	-	2b
A13.8.5.2.1.	Inspect aerial boom assembly	-	-	2b
A13.8.5.2.3.	Raise/lower aerial boom	-	-	2b
A13.8.5.2.4.	Extend/retract aerial boom	-	-	2b
A13.9.1.	Electrical system components and system operation	-	A	-
A13.9.2.1.	Perform operational check electrical power supply system w/ext pwr or APU	-	-	2b
A13.9.2.2.	Perform operational check of lighting system	-	-	2b
A13.9.2.3.	Perform operational check of indicator warning lights	-	-	2b
A13.9.3.1.	Remove and install light lenses	-	-	2b
A13.9.3.2.	Remove and install light bulbs	-	-	2b
A13.9.3.3.	Remove and install batteries	-	-	2b
A13.9.5.1.	Inspect electric components	-	-	2b
A13.9.5.2.	Inspect wiring and connectors	-	-	2b
A13.9.6.	Connect/apply/disconnect external electrical power	-	-	2b
A13.10.1.	Egress system components and system operation	-	A	-
A13.10.2.	Inspect egress components	-	-	2b
A13.10.3.	Operate egress system (excluding slide)	-	-	b
A13.11.2.3.	Service lavatory system	-	-	2b/b
A13.11.2.3.	Service Potable water system	-	-	2b/b

STS 2A5X1  
(Attachment 25)

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**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

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

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.1.14. Hazardous Material Handling Procedures TR: AFJMAN 24-204, AFI 91-301, AFI 24-202, AAFMAN 23-110								-	-	-	B
AA.1.15. Production Supervisor, Flight Chief and Expediter Duties and Responsibilities								-	-	-	B
AA.1.16. Special Certification Rosters								-	-	-	B
AA.1.17. Maintenance Incident Investigation and Prevention TR: AFI 91-204								-	-	-	B
AA.1.18. Aircraft Impoundment TR: AFI 91-204								-	-	-	A
AA.1.19. Operational Risk Management (ORM) TR: AFPD 90-9, AFI 90-901, AFPAM 90-902								-	-	-	B
AA.1.20. Restricted Maintenance Areas								-	-	-	A
AA.1.21. Force Protection TR: AFDD 2-4.1								-	-	-	A
AA.1.22. Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC TR: AFI 33-211, AFI 10-1101, AFI 33-202								-	-	-	B
AA.1.23. Proper Handling of Classified Assets TR: AFI 31-101								-	-	-	A
AA.1.24. Aircraft Inspection Concepts TR: TO 00-20-5								-	-	-	B
AA.2. ENLISTED SPECIALTY TRAINING TR: AFI 36-2201 and MAJCOM directives											
AA.2.1. Training Management and Records								-	-	-	B

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.2.2. Automated Training Records								-	-	-	B
AA.2.3. Career Field Education and Training Plan (CFETP)								-	-	-	B
AA.2.4. Specialty Training Standard (STS)								-	-	-	B
AA.2.5. Occupational Survey Report (OSR)								-	-	-	B
AA.2.6. Utilization and Training Workshop (U&TW)								-	-	-	B
AA.2.7. Training Forecast / Request								-	-	-	A
AA.2.8. Training Waiver Process								-	-	-	B
AA.2.9. Field Evaluation Questionnaire (FEQ) and Graduate Assessment Survey								-	-	-	A
AA.3. ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS TR: AFI 21-109, TO 00-35D-54, TO 00-20 Series and applicable MAJCOM guidance											
AA.3.1. Historical Records								-	-	-	B
AA.3.2. Minimum Essential Configuration Management (MESL)								-	-	-	B
AA.3.3. Automated Maintenance Systems								-	-	-	A
AA.3.4. Reliability Availability, Maintainability, Logistics Engineering Support System for Electronic Attack Pods and Integrated Systems (RAMPOD), Core Automated Maintenance System for Airlift (GO 81)								-	-	-	A
AA.3.5. Core Automated Maintenance System (CAMS) TR: AFM 66-279 Vol. I-XXVII, T.O. 00-20-2								-	-	-	B
AA.3.6. Job Data Documentation (JDD)								-	-	-	B

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.3.7. Air Force Technical Order (AFTO) Forms 781 and 244 / 245								-	-	-	B
AA.3.8. Configuration Management								-	-	-	B
AA.3.9. Aircraft / Equipment Modifications								-	-	-	B
AA.3.10. Nuclear Surety TR: AFI 91-101								-	-	-	B
AA.3.11. Dull Sword Reporting TR: AFI 91-204								-	-	-	B
AA.4. SUPPLY MANAGEMENT TR: DOD 7200-10, AFM 67-1, AFMAN 23-220, AFMAN 23-110 and applicable MAJCOM guidance											
AA.4.1. Maintenance Supply Concept TR: AFMAN 23-110								-	-	-	B
AA.4.2. Supply Documents Management								-	-	-	B
AA.4.3. Precious Metal Program TR: AFMAN 23-110								-	-	-	A
AA.4.4. Bench Stock								-	-	-	A
AA.4.5. Air Force Technical Order (AFTO) 375								-	-	-	A
AA.4.6. Quick Reference List (QRL)								-	-	-	A
AA.4.7. Standard Base Supply System (SBSS) TR: AFMAN 23-110								-	-	-	B
AA.4.8. Integrated Logistic System-Supply (ILS-S) and Global Combat Support System (GCSS) TR: AFMAN 23-110								-	-	-	A
AA.4.9. Priority Systems								-	-	-	B
AA.4.10. Repair Cycle Assets								-	-	-	B
AA.4.11. Report of Survey, Statement of Charges								-	-	-	B
AA.4.12. Equipment Account Management								-	-	-	B

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.4.13.	Custodian Authorization/Custody Receipt Listing (CA/CRL)							-	-	-	A
AA.4.14.	Precision Measurement Equipment Laboratory (PMEL)							-	-	-	A
AA.4.15.	Computer System Management TR: AFI 33-112							-	-	-	A
AA.4.16.	Special Purpose Recoverable Authorized Maintenance (SPRAM) TR: AFMAN 23-110							-	-	-	A
AA.4.17.	Air Force Management System (AFEMS)							-	-	-	A
AA.4.18.	Status of Resources and Training (SORTS)							-	-	-	A
AA.4.19.	Land Mobile Radios, Pagers, Cell Phones TR: AFI 33-106							-	-	-	A
AA.4.20.	Shelf Life Program TR: AFMAN 23-110							-	-	-	A
AA.4.21.	Hazardous Materials (HAZMAT) TR: Applicable AFOSH STD's, AFI's and MAJCOM guidance							-	-	-	B
AA.4.22.	Qualified Products Listing							-	-	-	B
AA.5.	LOGISTICS AND RESOURCE MANAGEMENT AFPD 21-1										
AA.5.1.	Logistics Management							-	-	-	B
AA.5.2.	Agile Logistics							-	-	-	A
AA.5.3.	Two-Level Maintenance (2LM)							-	-	-	A
AA.5.4.	Execution and Prioritization of Repair System (EXPRESS)							-	-	-	A
AA.5.5.	Readiness Based Leveling (RBL) TR: AFMAN 23-110							-	-	-	A

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.5.6.	Resource Management							-	-	-	B
AA.5.7.	Air Force Government-Wide Purchase Card Program and Air Force Form 9 TR: AFI 67-117							-	-	-	A
AA.5.8.	Air Force Enhancement Program (AFREP) TR: AFI 21-123							-	-	-	A
AA.5.9.	Financial Plan (FIN Plan)							-	-	-	A
AA.5.10.	Appropriation (APPN) 3400 and 3080 Budgeting							-	-	-	A
AA.5.11.	Budget Line 3010							-	-	-	A
AA.5.12.	Air Force Materiel Command (AFMC) Responsibilities							-	-	-	A
AA.5.13.	Developmental Test and Evaluation (DT&E) Operational Test and Evaluation (OT&E)							-	-	-	A
AA.5.14.	Defense Logistics Agency							-	-	-	A
AA.5.15.	Special Experience Identifier (SEI) TR: AFMAN 36-2108							-	-	-	B
AA.5.16.	Unit Manpower Document (UMD) and Unit Management Personnel Roster (UMPR)							-	-	-	A
AA.5.17.	Manning Standards, and Logistics composite Model (LCOM) TR: AFI 38-201, AFMAN 38-208							-	-	-	A
AA.5.18.	Technical Order Management							-	-	-	B
AA.5.19.	Technical Order Distribution Office (TODO), Technical Order Distribution Account (TODA), Technical Order Distribution Control Activity (TODCA), Technical Order Review Board (TORB) TR: TO 00-5-1, TO 00-5-2							-	-	-	A

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.5.20.	Air Force Technical Order Forms 22, 27, 110, 158							-	-	-	A
AA.5.21.	Automated Technical Order Management System (ATOMS) TR: TO 00-5-2							-	-	-	A
AA.5.22.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15							-	-	-	A
AA.5.23.	Centralized Technical Order Management Organization (CTOM) TR: TO 00-5-1							-	-	-	A
AA.5.24.	Joint Computer -aided Acquisition and Logistic Support (JCALS)							-	-	-	A
AA.5.25.	Electronic Technical Orders							-	-	-	A
AA.5.26.	Deficiency Reporting (Hardware and Software)Product Quality Deficiency Reporting System (PQDR) TR: TO 00-35D-54							-	-	-	B
AA.5.27.	Reporting of Deficiency (ROD)							-	-	-	B
AA.5.28.	Bad Actor Program TR: TO 00-20-1, TO 00-35D-54							-	-	-	A
AA.5.29.	Technical Improvement Product Working Group (TIPWG), System Training Plan (STP), Program Management Review (PMR)							-	-	-	A
AA.5.30.	Corrosion Prevention Advisory Board (CPAB) TR: AFI 21-105							-	-	-	A
AA.6.	COMPUTER APPLICATION										
AA.6.1.	Using Applications							-	-	-	B
AA.6.2.	Form Flow							-	-	-	B
AA.6.3.	Air Force Electronic Publishing Library (AFEPL)							-	-	-	B

STS 2A5X1  
(Attachment 26)

**2AX7X**  
**7-LEVEL CDC REQUIREMENTS**

STS 2A5X1

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.6.4. World Wide Web (www), Internet								-	-	-	B
AA.6.5. Local Area Networks (LAN)								-	-	-	B

STS 2A5X1  
(Attachment 26)

## **Section B- - Course Objective List**

### **4. Measurement.**

4.1. **Objective:** each STS task or knowledge element taught at the technical school is measured through the use of an objective. An objective is a formal written instruction for the student so he or she knows what is required to successfully complete training, and is comprised of a condition, a behavior, and a standard.

5. **Standard:** The standard for performance measurement are indicated in the objective and are delineated on the individual progress checklist. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained.

6. **Proficiency Level.** Most task performance is taught to the “2b” proficiency level.

7. **Course Objectives.** A training course index is provided at Section D below. A detailed listing of the objectives contained in any listed course may be obtained by submitting a written request to Mr. Clifton L. Scribner, 360 TRS/TRR, 912 J Ave, Sheppard AFB TX, 76311-2520.

## **Section C - - Support Materials**

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

## **Section D - - Training Course Index**

9. **Purpose.** This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

## 10. Air Force In-Residence Courses.

The following is a list of resident courses taught by Sheppard AFB technical training organizations. For specific information contact the following OPR organizations:

Type J3 courses:

360 TRS/TRR  
913 J Avenue  
Sheppard AFB, TX 76311-2520  
DSN 736-2520

Type J4 courses:

373 TRS/TXD  
912 I Avenue, Suite 4  
Sheppard AFB, TX 76311-2362  
DSN 736-2183

Course Number	Title	OPR	User
J3ATR3A020 002	Aircraft Maintenance Fundamentals	360 TRS	
(This course is also identified with the following course numbers for student scheduling purposes)			
J3AQR2A531D 000	Aircraft Maintenance Apprentice (C-17)		USAF/AFRES
J3AQR2A531C 000	Aircraft Maintenance Apprentice (C-5)		USAF/AFRES/ANG
J3AQR2A531A 002	Aircraft Maintenance Apprentice (C-9)		USAF
J3AQR2A531G 001	Aircraft Maintenance Apprentice (E-3/E-8)		USAF/AFRES
J3AQR2A531E 003	Aircraft Maintenance Apprentice (B-2)		USAF
J3ABR2A531A 002	Aerospace Maintenance Apprentice (C-141)	360 TRS	AFRES
J4ASF2A5X1 039	A/C R&R Technician (Ground Systems) (C-141)	373 TRS	USAF/AFRES
J4ASF2A5X1 006	Flight Controls Technician (R&R) (C-141)	373 TRS	USAF/AFRES
J4ASF2A5X1J 010	Aircraft Maintenance Technician (C-141)	373 TRS	USAF/AFRES
J4ASF2A5X1J 011	Aircraft Maintenance (Transition/En-route) (C-141)	373 TRS	USAF/AFRES
J3AQR2A531B 000	Aerospace Maintenance Apprentice (C-130)	360 TRS	USAF/AFRES/ANG
J3ABP2A531B 000	Aerospace Maintenance Apprentice (C-130)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1 008	Aircraft Maintenance, General (C-130E/H)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1X 000	Cargo Rail Systems Technician (C-130)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1X 011	Aircraft Isochronal Inspection (C-130E/H)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1X 004	Aircraft (Flightline/Transition) (C-130)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1X 007	Airlift Aircraft Maintenance (EC-130)	373 TRS	USAF
J3AQR2A531C 000	Aerospace Maintenance Apprentice (C-5)	360 TRS	USAF/AFRES/ANG

J3ABP2A531C 000	Aerospace Maintenance Apprentice (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1 007	Aero Repair Technician (Flight Control & Power Plant Control System (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1 009	Aero Repair Technician (Landing Gear & Door System) (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1J 028	Aircraft Maintenance Technician (System) (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1J 031	Aircraft Maintenance Technician (En-Route) (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1J 016	Crew Chief Transition (C-5)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1J 017	Aircraft Engine Pre-run (C-5)	373 TRS	USAF/AFRES/ANG
J3AQR2A531D 000	Aircraft Maintenance Apprentice (C-17)	360 TRS	USAF/AFRES
J3ABP2A531D 023	Aerospace Maintenance Apprentice (C-17)	373 TRS	USAF/AFRES
J4ASF2A5X1J 033	APG Transition (C-17)	373 TRS	USAF/AFRES
J4ASF2A5X1J 032	General Aircraft Systems Familiarization (C-17A)	373 TRS	USAF/AFRES
J3AQR2A531E 001	Aerospace Maintenance Apprentice (B-1B)	360 TRS	USAF
J3ABP2A531E 003	Aerospace Maintenance Apprentice (B-1B)	372 TRS	USAF
J4AMF2A5X1 000	Aerospace Maintenance Apprentice (Aero repair) (B-1B)	372 TRS	USAF
J4AMF2A5X1 023	Aerospace Maintenance Craftsman (Phase Inspect) (B-1B)	372 TRS	USAF
J4AMF2A5X1 024	Aerospace Maintenance Craftsman (Fault Diagnosis) (B-1B)	372 TRS	USAF
J3AQR2A531E 003	Aerospace Maintenance Apprentice (B-2)	360 TRS	USAF
J3ABP2A531E 005	Aerospace Maintenance Apprentice (B-2)	372 TRS	USAF
J4ASF2A5X1 029	Aerospace Maintenance Craftsman (B-2)	372 TRS	USAF
J3ABR2A531F 001	Aerospace Maintenance Apprentice (B-52)	360 TRS	USAF/AFRES
J4ASF2A5X1A 012	Aircraft Bomb-Nav Organ Maintenance (B-52H)	373 TRS	USAF/AFRES
J4ASF2A5X1 020	Aerospace Maintenance Craftsman (Aero Repair) (B-52)	373 TRS	USAF/AFRES
J4ASF2A5X1 028	Aerospace Maintenance Craftsman (B-52)	373 TRS	USAF/AFRES

J4ASF2A5X1 034	Aerospace Maintenance Crafts (Follow-On) (B-52)	373 TRS	USAF/AFRES
J4ASF2A5X1 035	Aircraft Maintenance (B-52)	373 TRS	USAF/AFRES
J4ASF2A5X1 047	Aircraft Guidance and Control System Maintenance (B-52)	373 TRS	USAF/AFRES
J4ASF2A5X1 099	Aircraft Communication and Navigation Sys Maintenance (B-52H)	373 TRS	USAF/AFRES
J4ASF2A5X1G 001	Aircraft Maintenance Technician (Phase) (KC-135)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1G 002	Aircraft Maintenance Craftsman (Follow-on) (KC-135R/T)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1G 007	Entry Level/Crossover Maintenance (K/R/ WC-135)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1G 010	Aircraft Maintenance Craftsman Isochronal Insp (RC-135)	373 TRS	USAF
J4ASF2A5X1G 011	Aircraft Maintenance Craftsman (Follow-on) (RC-135)	373 TRS	USAF
J3ABR2A531G 002	Aerospace Maintenance Apprentice (C-135)	360 TRS	USAF/AFRES/ANG
J4ASF2A5X1G 023	F108-201 Entry Level F108-201 Differences (RC-135)	373 TRS	USAF
J4ASF2A5X1G 024	R/T Aircraft Craftsman (Transition) (KC-135)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1G 026	Aircraft Maintenance Craftsman (Follow-on) (RC-135)	373 TRS	USAF
J3AQR2A531G 001	Aircraft Maintenance Apprentice (E-3/E-8)	360 TRS	USAF/AFRES
J3ABP2A531G 001	Aircraft Maintenance Apprentice (Crew Chief (E-3))	373 TRS	USAF/AFRES
J4ASF2A5X1G 030	Phase Inspection Course (E-3)	373 TRS	USAF/AFRES
J4ASF2A5X1G 015	Aircraft Maintenance Technician (Entry Level) Cross over (E-3)	373 TRS	USAF/AFRES
J3AQR2A531A 002	Aerospace Maintenance Apprentice (C-9)	360 TRS	USAF
J3AQR2A531H 001	Aircraft Maintenance Apprentice (KC-10)	360 TRS	USAF/AFRES/ANG
J3ABP2A531H 001	Aircraft Maintenance Apprentice (KC-10)	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1L 000	KC-10A Aircraft maintenance Journeyman	373 TRS	USAF/AFRES/ANG
J4ASF2A5X1L 001	KC-10A Aircraft maintenance Troubleshooting	373 TRS	USAF/AFRES/ANG

## **11. Air Force Institute of Distributed Learning (AFIDL)**

<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>OPR</b>	<b>USER</b>
2A551 (3 volumes)	Aerospace Maintenance Apprentice	360 TRS	USAF/AFRES/ANG
2AX7X (2 volumes)	Aircraft Maintenance	362 TRS	USAF/AFRES/ANG

## **12. Exportable Courses**

<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>OPR</b>	<b>USER</b>
J6ANU2A000 000	B-1B Orgn Maintenance Manual Set (OMMS)	360 TRS	USAF
J6AZU2E066 064	C-17A Orgn Maintenance Manual Set	360 TRS	USAF/AFRES

**13. Courses under Development/Revision:** Formal AETC courses are being revised as follows to meet the requirements of this re-published CFETP:

<u>Course</u>	<u>New course target implementation date</u>
All 3-level AFSC awarding courses	1 August 2003
2A551 CDC	1 September 2003
2A571 CDC	(Deactivated 1 September 2002)

## Section E -- MAJCOM Unique Requirements

- 14.** The following list of MAJCOM unique responses is not all-inclusive; however, it covers the most frequently referenced areas.

Phase I and II of the C-9 MQTP is mandatory after completion of course J3AQR2A531A 002, Aircraft Maintenance Apprentice (C-9) course taught at Sheppard AFB, TX.

COURSE TITLE	MEDIUM	DURATION
C-9 Command Aircraft Systems Training Course	Correspondence	3 volumes
MQTP Phase I & II Course Number J5ABO2A531A 002, PDS Code CIG	Classroom/hands-on	8 weeks
MQTP Phase II, Crew Chief	Classroom/hands-on	6 weeks
Initial C-9 Engine Run	Classroom	32 hours
C-9 Ground School (All Blocks)	Classroom	4 weeks
C-9 Ground School (Crew Chiefs)	Classroom	8 days
C-9 Graphics Catalog	CD-ROM	(Training Aid)
MQTP Phase IV, Guidance and Control CUT	Classroom/Hands-on	4 weeks
MQTP Phase II, Crew Chief	Classroom/Hands-on	8 weeks
MQTP Phase III, Crew Chief	Classroom/Hands-on	4 weeks
MQTP Phase IV, Propulsion CUT	Classroom/Hands-on	2 weeks
MQTP Phase IV, Electro-Environmental CUT	Classroom/Hands-on	4 weeks
MQTP Phase IV, Pneudraulics CUT	Classroom/Hands-on	4 weeks

In addition there are two contractor-provided training courses available on C-9 aircraft engines. One is a 5-day flight line maintenance course on the JT8D-9A aircraft engine provided by Pratt and Whitney. The other is an 8-day flight line maintenance course on the GTCP-85-98D auxiliary power unit provided by Triumph Air Repair.

**Note.** Air Combat Command (ACC) and Air Mobility Command (AMC) have a MAJCOM Mandatory Course List (MMCL). ACC's course list can be accessed at <http://www.acclog.af.mil/lqg/lqgt/98mmcl.doc>. AMC's list may be accessed at <https://amclg.scott.af.mil/cgi-bin/index.pl?dd=/lgm/lgmm/lgmm&ti=AMC/LGMM+-+Aircraft+Maintenance+Training+Management>. Refer to these MMCL's for specific information.

**END OF CFETP**