

AFSC 2A6X1H AEROSPACE PROPULSION TURBOPROP/TURBOSHAFT



CAREER FIELD EDUCATION AND TRAINING PLAN

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**CAREER FIELD EDUCATION AND TRAINING PLAN
AEROSPACE PROPULSION,
AFSC 2A6X1H
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OPR: 361 TRS/TRR
Certified By: HQ USAF/A4LM (CMSgt Bryan Cannon)
Supersedes: CFETP 2A6X1H, 1 December 2012
Pages: 67

**CAREER FIELD EDUCATION AND TRAINING PLAN
AEROSPACE PROPULSION TURBOPROP/TURBOSHAFT
AFSC 2A6X1H**

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 2A6X1H, Aerospace Propulsion Turboprop/Turboshaft specialty. The CFETP will provide personnel a clear career path to success and instills rigor in all aspects of career field training. This CFETP supersedes 2A6X1H CFETP, 1 Dec 12. To read, review, or print a copy of the current CFETP, go to the Air Force e-Publishing Website at: <http://www.e-publishing.af.mil/> and search for 2A6X1.

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

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

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan. Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path. Section C associates each level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints to accomplishing this plan, such as funds, manpower, equipment, and facilities.

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

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs.

ABBREVIATIONS/TERMS EXPLAINED

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

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

Career Field Education and Training Plan (CFETP): A CFETP is a comprehensive core training document that identifies: life-cycle education and training requirements; training support resources, and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training.

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

Core Task: Tasks the AFCFM identify as minimum qualification requirements for everyone within an AFSC, regardless of duty position. Core tasks may be specified for a particular skill level or in general across the AFSC. Guidance for using core tasks can be found in the applicable CFETP narrative.

Course Objective List (COL): A publication derived from initial and advanced skills CTS, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3- or 7-skill level in this career field. Supervisors use the CoL to assist in conducting graduate evaluations.

Course Training Standard (CTS): Training standard that identifies the training members will receive in a specific course.

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

Exportable Course: Instructional packages that personnel design for use in the field. The course may include printed, computer-based, or other audiovisual materials.

Field Training (Type 4): Technical, operator, and other training either a TD or field training team conducts at operational locations on specific systems and associated direct-support equipment for maintenance and aircrew personnel.

Field Training (Type 7): Field training conducted by mobile training team (MTT).

Initial Skills Training: A formal school course that results in an AFSC 3-skill level award for enlisted or mandatory training for upgrade to qualified officers.

Instructional System Development (ISD): A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. It ensures that personnel

are taught in a cost-efficient way the knowledge, skills, and attitudes essential for successful job performance.

MAJCOM Mandatory Course List (MMCL): Courses that the Major Command of assignment identifies as mandatory requirements for an Air Force Specialty while assigned.

Occupational Analysis: Collecting and analyzing factual data on the tasks and/or knowledge's performed by Air Force career fields. This data is used to provide personnel and training decision-makers with factual and objective job information which enables them to justify and/or change personnel utilization policies and programs, refine and maintain occupational structures, and establish, validate, and adjust testing and training programs. It is reported in an Occupational Analysis Report (OAR).

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

Qualification Training (QT): Hands-on performance training designed to qualify an Airman in a specific position. This training occurs both during and after upgrade training to maintain up-to-date qualifications.

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

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

Specialty Training Standard (STS): An AF publication that describes an AFS in terms of tasks and knowledge an Airman in that specialty may be expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AFS. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools and correspondence courses.

Training Business Area (TBA): TBA is a Net-Centric, Global Combat Support Systems Air Force (GCSS-AF) Integration Framework (IF) Web-Based application providing Air Force War fighters with global, real-time visibility into technical qualifications, certifications and training status Air Force wide. TBA supports base, wing and workcenter level training management activities by automating training management business processes. The primary users will be any personnel directly involved in base level training management activities.

Type Make Series Modification (TMSM): Standard nomenclature for engines according to MIL-HDBK-1812 (formerly MIL-STD-879).

Training Setting: The type of forum in which training is provided (formal resident school, on-the-job, field training, mobile training team, self-study, etc.).

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

Utilization and Training Workshop (U&TW): A forum, co-chaired by the AFCFM and Training Pipeline Manager, of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

SECTION A - GENERAL INFORMATION

1. Purpose: This CFETP provides the information necessary for Air Force Career Field Manager (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSC 2A6X1H should receive in order to develop and progress throughout their career. This CFETP identifies initial skill, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by AETC at Sheppard AFB, TX. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP 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 tasks and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.
- 1.3.** Lists training courses that are available in the specialty and identifies sources of training, and the training delivery method.
- 1.4.** Identifies major resource constraints which impact full implementation of the desired career field training process.

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

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

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

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

3. Coordination and Approval: The AFCFM is the approval authority. The AETC training manager for AFSC 2A6X1 will initiate an annual review of this document by AETC and MFM to ensure currency and accuracy. The using 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 FIELD PROGRESSION AND INFORMATION

4. Specialty Descriptions

4.1. Specialty Summary: Air Force Enlisted Classification Directory (AFECD) Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small gas turbine engines, and engine ground support equipment (SE). Manages aerospace propulsion functions and activities. Related DOD Occupational Subgroup: 160100.

4.2. Duties and Responsibilities: Refer to (AFECD), paragraph 2.

4.2.1. Plans, organizes, and directs aerospace propulsion maintenance activities. Interprets and implements directives and publications pertaining to maintenance functions, including environmentally safe maintenance practices. Determines resource requirements, including facilities, equipment, and supplies. Inspects and evaluates maintenance activities.

4.2.2. Advises, performs troubleshooting, performs engine health management, and determines repair procedures on aircraft engines. Diagnoses and repairs malfunctions using technical publications and Interactive Electronics Technical Manuals (IETMS). Solves maintenance problems by studying drawings, wiring and schematic diagrams, technical instructions, and analyzing operating characteristics of aircraft engines and propellers. Inspects, certifies, and approves completed maintenance actions.

4.2.3. Removes, installs, inspects, repairs, and modifies engines, engine modules and components, and propellers and propeller components. Disassembles and assembles engines and propellers adhering to prescribed procedures. Prepares engines and propellers for installation, storage, or transportation. Tests components using bench mockups and test equipment. Installs and removes engines on test stands, and operates, evaluates, and performs test stand functions on engines. Accomplishes operator maintenance on test stands. Inspects and maintains engine ground SE. Operates and performs operator inspections on related SE. Selects, uses, and cares for special tools, hand tools, and test equipment. Uses and disposes of hazardous waste and materials.

4.2.4. Analyzes, interprets, and recommends maintenance actions based on unscheduled engine removals and engine monitoring system data. Coordinates with the base engine manager to analyze

scheduled engine removals; recommends forecast actions to the weekly or monthly maintenance schedules.

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

5.1. Apprentice (3-level): Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills. They will utilize the Career Development Course, Task Qualification Training, and available exportable courses for continued advancement. Once task qualified, a trainee may perform the task unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.

5.2. Journeyman (5-level): Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned to various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weighted Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. Craftsman (7-level): A craftsman can expect to fill various supervisory and management positions such as shift leader, element NCOIC, flight/section chief, and task certifier. They can also be assigned to work in staff positions such as quality assurance. Craftsmen should take courses to obtain added knowledge on management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will complete the Noncommissioned Officer Academy.

5.4. Superintendent (9-level): A 9-level can be expected to fill positions such as flight chief, 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. Additional higher education and completion of courses outside their career AFSC are also recommended.

6. Training Decisions: The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aerospace Propulsion career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were based on a career field utilization and training workshop at Sheppard Air Force Base, Texas from 2 - 6 February 2015.

6.1. Initial Skills:

The **J3ABR2A631H048C** (T56) course length was decreased three days due to the removal of subject knowledge training of H-60 APU operating principles, performance training of removal and

installation of T56 reduction gearbox main oil pump, engine relay box, and task knowledge training of removal and installation of AE2100D fuel nozzles, starter, and starter control valve.

6.2. Five-Level Upgrade Training: The following engines will be used to support the STS CDC elements: T56, AE2100, T700, and the 54H60 and R391 (Dowty) propellers. Numerous knowledge level changes were made.

7. Community College of the Air Force (CCAF): CCAF is one of several federally chartered degree-granting institutions; however, it is the only 2-year institution exclusively serving military enlisted personnel. The college is regionally accredited through Air University by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award AAS degrees designed for specific Air Force occupational specialties and is the largest multi-campus community college in the world. Upon completion of basic military training and assignment to an AF career field, all enlisted personnel are registered in a CCAF degree program and are afforded the opportunity to obtain an Associate in Applied Science degree. In order to be awarded, degree requirements must be successfully completed before the student separates from the Air Force, retires, or is commissioned as an officer. See the CCAF website for details regarding the AAS degree programs at <http://www.au.af.mil/au/barnes/ccaf/>.

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

	<u>Semester Hours</u>
Technical Education	24
Leadership, Management, and Military Studies.....	6
Physical Education	4
General Education	15
Program Elective	15
	Total: 64

7.1.1. Technical Education: (24 Semester Hours): Completion of the career field apprentice course satisfies some semester hours of the technical education requirements. A minimum of 24 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective courses. Some academic degree programs have specific technical education requirements. Refer to the CCAF General Catalog for specific degree requirements for your specialty.

7.1.2. Leadership, Management, and Military Studies: (6 Semester Hours): Enlisted Professional Military Education (EPME) and/or civilian management courses.

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

7.1.4. General Education: (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with the

definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

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

7.1.6. Residency Requirement: (16 Semester Hours): Satisfied by credit earned for coursework completed in an affiliated school or through internship credit awarded for progression in an Air Force occupation specialty. Enlisted members attending Army, Navy, and/or DOD initial or advanced training do not receive resident credit since these schools are not part of the CCAF system. However, the college awards proficiency credit to AF enlisted members completing these courses. Note: Physical education credit awarded for basic military training is not resident credit.

7.2. Professional Certifications: Certifications assist the professional development of our Airmen by broadening their knowledge and skills. Additionally, specific certifications may be award collegiate credit by CCAF and civilian colleges, saving time and Air Force tuition assistance funds. It also helps airmen to be better prepared for transition to civilian life. To learn more about professional certifications and certification programs offered by CCAF, visit <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. In addition to its associate degree program, CCAF offers the following certification programs and resources:

7.2.1. CCAF Instructor Certification (CIC) Program: CCAF offers the three-tiered CIC Program for qualified instructors teaching at CCAF affiliated schools who have demonstrated a high level of professional accomplishment. The CIC is a professional credential that recognizes the instructor's extensive faculty development training, education and qualification required to teach a CCAF course, and formally acknowledges the instructor's practical teaching experience.

7.2.2. CCAF Instructional Systems Development (ISD) Certification Program: CCAF offers the ISD Certification Program for qualified curriculum developers and managers who are formally assigned at CCAF affiliated schools to develop and manage CCAF collegiate courses. The ISD Certification is a professional credential that recognizes the curriculum developer's or manager's extensive training, education, qualifications and experience required to develop and manage CCAF courses. The certification also recognizes the individual's ISD qualifications and experience in planning, developing, implementing and managing instructional systems.

7.2.3. CCAF Professional Manager Certification (PMC): CCAF offers the PMC Program for qualified Air Force NCOs. The PMC is a professional credential awarded by CCAF that formally recognizes an individual's advanced level of education and experience in leadership and management, as well as professional accomplishments. The program provides a structured professional development track that supplements Enlisted Professional Military Education (EPME) and Career Field Education and Training Plan (CFETP).

7.2.4. Federal Aviation Administration (FAA) Airframe and Powerplant (A&P) Certification: Air Force aircraft maintenance technicians are eligible to pursue FAA A&P certification based on

training and experience in accordance with Title 14, Code of Federal Regulations (CFR), Part 65. The DoD established the Joint Service Aviation Maintenance Technician Certification Council (JSAMTCC) to standardize the eligibility and certification process for the military and provide direction and resources necessary to fill the gaps within military training and experience. Completing the Air Force A&P Certification Program, managed by CCAF, will fill training and experience gaps, ensuring FAA eligibility. The program consists of three Air University Online A&P Specialized Courses, OJT and experience requirements contained in a Qualification Training Package (QTP). Technicians may enroll in the program once they have been awarded the 5-skill level. To learn more, visit CCAF at <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. CCAF awards 30 semester hours for FAA A&P certification and 18 semester hours for FAA Airframe or Powerplant certification.

7.2.5. SpaceTEC Aerospace Technician Certification: Air Force aircraft maintenance technicians are eligible to pursue SpaceTEC Aerospace Technician certification based on aviation training and experience. SpaceTEC certification is endorsed by NASA and the Aerospace industry. Air University Online offers a Specialized Course to assist technicians prepare for the Aerospace Technician certification exams. CCAF awards 25 semester hours for the SpaceTEC Aerospace Technician certification. To learn more, visit SpaceTEC at <http://www.spacetec.org>.

7.2.6. National Center for Aerospace & Transportation Technologies (NCATT)

Certifications: Air Force aircraft maintenance technicians are eligible to pursue multiple NCATT certifications based on aviation avionics and electronics training and experience. NCATT certifications are endorsed by the aviation avionics industry. CCAF awards 5 semester hours for the NCATT Aircraft Electronics Technician certification. To learn more, visit NCATT at <http://www.ncatt.org>.

7.3. Air Force Credentialing Opportunities On-Line (AF COOL): AF COOL replaced the CCAF Credentialing and Education Research Tool (CERT). The AF COOL Program is managed by CCAF and provides a research tool designed to increase an Airman's awareness of national professional credentialing and funding opportunities available for all Air Force occupational specialties. AF COOL also provides information on specific occupational specialties, civilian occupational equivalencies, AFSC-related national professional credentials, credentialing agencies, and professional organizations. AF COOL contains a variety of information about credentialing and licensing and can be used to:

- Get background information about civilian licensure and certification in general and specific information on individual credentials including eligibility requirements and resources to prepare for an exam.
- Identify licenses and certifications relevant to an AFSC.
- Learn how to fill gaps between Air Force training and experience and civilian credentialing requirements.
- Get information on funding opportunities to pay for credentialing exams and associated fees.
- Learn about resources available to Airmen that can help them gain civilian job credentials.

To learn more about AF COOL and funding processes, visit <https://afvec.langley.af.mil/afvec/Public/COOL/Default.aspx>

8. Career Field Path

8.1. Enlisted Career Path; Table 8.1 identifies career milestones for 2A6X1 Specialty.

Table 8.1 Enlisted Career Path				
Education and Training Requirements	Grade Requirements			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 12 months on-the-job training. - Minimum 9 months on-the-job training for retrainees. - Complete all 5-level core tasks on one TMSM. - Complete appropriate CDC if/when available.	Amn A1C SrA	6 months 16 months 3 years	28 months	8 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).				
Trainer - Qualified to perform the task to be trained. - Must attend formal AF Trainer Course.				Certifier - Be at least a 5-skill level SSgt or civilian equivalent and qualified and certified to perform the task being certified - Attend formal AF Trainer Course. - Be a person other than the trainer except for AFSCs, duty positions, units, and/or work centers with specialized training standardization and certification requirements.
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - Minimum 12 months on-the-job training. - Minimum 6 months on-the-job training for retrainees. - Complete all 5- and 7-level core tasks on one TMSM. - Complete appropriate CDC if/when available.	SSgt	5.7 years	3 years	15 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt, MSgt Selectee, or MSgt - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt MSgt	11.3 years 15.6 years	5 years 8 years	20 Years 24 Years
USAF Senior NCO Academy (SNCOA) - Must be a MSgt, SMSgt Selectee, or SMSgt - Resident graduation is a prerequisite for SMSgt sew-on (Active Duty Only). Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt.	SMSgt	19.3 years	11 years	26 Years
Chief Enlisted Manger (CEM)	CMSgt	23.9 years	14 years	30 Years

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

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

10. Specialty Qualification Requirements

10.1. Apprentice Level Training

10.1.1. Specialty Qualification: This information will be located in the official specialty description in AFECD, paragraph 3.

10.1.1.1. Knowledge: To perform the duties at the 3-skill level, basic knowledge of mechanical, hydro mechanical, electrical, and hydraulics principles applying to jet and turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste and materials under close supervision until they are task qualified.

10.1.1.2. Education: For entry into this specialty, completion of high school, with courses in general science, mechanics, or mathematics is desirable.

10.1.1.3. Training: For award of AFSC 2A631H completion of the J3ABR2A631H048C, Aerospace Propulsion Apprentice course is mandatory.

10.1.1.4. Experience: None.

10.1.2. Training Sources and Resources: The 3-level initial skills course will provide the required knowledge and qualification. Initial skills training encompasses theory and operating principles, system operation, component removal and operation, introduction to general flight line maintenance practices, use of technical publications, maintenance documentation, and support equipment familiarization and use.

10.1.3. Implementation: Upon graduation from Basic Military Training (BMT), completion of J3ABR2A631H048C is required to satisfy the knowledge and training resource requirements for award of the 3-skill level.

10.2. Journeyman Level Training

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

10.2.1.1. Knowledge: In addition to the 3-level qualifications, a 5-level must be task qualified on inspecting engine components, systems, correcting system malfunctions, repairing and replacing

system components, operational checks, and the use and maintenance of test and support equipment.

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

10.2.1.3. Training: For award of AFSC 2A651H, the 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

10.2.1.4. Experience: Qualification in and possession of AFSC 2A631H. Completion of all 5-level core tasks identified in the STS is mandatory. Also, experience in functions such as installing, maintaining, or repairing aircraft turbine engines or propellers.

10.2.2. Training Sources and Resources: A minimum of 12 months on-the-job training (9 months for retrainees), completion of the 2A651H CDC, and completion of 5-level core tasks represent the resources needed for award of the 5-skill level.

10.2.3. Implementation: Training to the 5-level is performed by the units utilizing this STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of the 2A651H CDC and 12 months upgrade training (9 months for retrainees).

10.3. Craftsman Level Training

10.3.1. Specialty Qualification: This information will be located in the official specialty description in AFECD, paragraph 3.

10.3.1.1. Knowledge: In addition to 5-level qualifications a 7-level must possess advanced skills and knowledge of: theory, concepts, principles, and application of engine maintenance. The 7-level must be able to supervise and train personnel to maintain engines. The 7-level must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques.

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

10.3.1.3. Training: Completion of the 7-level core tasks are mandatory for upgrade to 2A671H.

10.3.1.4. Experience: Qualification in and possession of AFSC 2A651H. Completion of all 5- and 7-level core tasks identified in the STS is mandatory. Also, experience performing or supervising functions involving installation, repair, testing, or modification of engines or propellers

10.3.2. Training Sources and Resources: Completion of Air Force directed core tasks represent the requirements for award of the 7-skill level.

10.3.3. Implementation: Upgrade to the 7-level requires completion of CDC 2AX7X, completion of all core tasks, 12 months upgrade training (6 months for retrainees), and promotion to E-5.

10.4. Superintendent Level Training (9-Level)

10.4.1. Specialty Qualification: This information will be located in the official specialty description in AFECD, paragraph 3.

10.4.1.1. Knowledge: In addition to 7-level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance. The 9-level needs to be an effective leader; must be able to forecast, budget and manage funds and other resources; and must be knowledgeable of federal and local environmental standards and ensure adherence to the proper handling and disposal of hazardous materials.

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

10.4.1.3. Training: Must be at least a Senior Master Sergeant (SMSgt) and meet mandatory requirements listed in the AFECD, be recommended by their supervisor and approved by their commander for award of the 9-skill level.

10.4.1.4. Experience: For award of AFSC 2A691, qualification in and possession of AFSC 2A671H is mandatory. Also, experience in managing or directing repair activities for aerospace aircraft engines, propellers, and associated maintenance functions.

10.4.1.5. Other: Not Used.

10.4.2. Training Sources and Resources: Instruction received at the SNCOA and duty position qualifications represent the requirements for upgrade to the 9-skill level.

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

SECTION D - RESOURCE CONSTRAINTS

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

12. Apprentice Level Training: No resource constraints identified.

13. Journeyman Level Training: No resource constraints identified.

14. Craftsman Level Training: No resource constraints identified.

PART II

Section A - Course Objective List

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

2. Standard: The standard for written examinations is 70%. Standards for performance objectives are indicated in the objective and are also indicated on the individual progress check checklist. The checklist is used by the instructor to document each student’s progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

3. Proficiency Level: Review column 4A of the STS to determine the proficiency level of a particular task or knowledge item. Review the course objective list to determine which STS item the objective supports. Review the proficiency code key in Part II, Section E of this CFETP for an explanation of the proficiency codes. Most task performance is taught to the ‘2b’ proficiency level which means the students can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step by step procedures for doing the task. For tasks that are taught to the ‘3c’ proficiency level, students can do all parts of the task and only require a spot check on completed work (competent). The student can also identify why and when a task must be done and why each step is needed.

4. Course Objectives: A detailed listing of initial skills course objectives may be obtained by submitting a written request to 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264.

Section B - Support Material

5. The following list of support material is not all-inclusive; however, it covers the most frequently referenced areas. Support materials are any training package designed to enhance the learning process at any level of training. Refer to Education and Training Course Announcements for information on AETC formal courses at <https://etca.randolph.af.mil>.

6. Contact information on Training Detachment courses is: 372 TRS/CCS, 1917 Missile Road, Sheppard AFB Texas 76311-2361, DSN 736-4792 and 373 TRS/CCS, 1917 Missile Road, Sheppard AFB TX 76311-

2361, DSN 736-4671 <https://www.my.af.mil/gcss-af/USAF/ep/globalTab.do?channelPageId=s6925EC1353200FB5E044080020E329A9&command=org>.

7. Interactive Courseware information is available at: 367th TRS, 6058 Aspen Ave. Hill AFB, Utah 84056-5805, DSN 777-7830/8741 <https://367trss.hill.af.mil/>.

Section C - Training Course Index

8. Purpose: This section of the CFETP identifies training courses available for the Aerospace Propulsion Specialty and shows how the courses are used by each MAJCOM in their career field training programs. For further information on the following courses, contact the OPR at:

361 TRS/TRR
501 Missile Road
Sheppard AFB, TX 76311-2264
DSN 736-3539

<http://www.sheppard.af.mil/units/82ndtrainingwing/361sttrainingsquadron.asp>

9. Air Force In-Resident Courses:

COURSE NO.	COURSE TITLE	LOCATION	USER
J3ABR2A631H048C	Aerospace Propulsion Apprentice, (T56)	Sheppard AFB	AF, ANG, AFRC
J3AZR2A671A0M1A	Jet Engine Mishap Investigation	Sheppard AFB	AF, ANG, AFRC

10. AFCDA:

COURSE NO.	COURSE TITLE	USER
CDC 2A651H	Aerospace Propulsion Journeyman	AF
CDC 2AX7X	Aerospace Maintenance Craftsman	AF

361 TRS/TRR
501 Missile Road
Sheppard AFB, TX 76311-2264
DSN 736-3539

11. Exportable Courses:

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

367 TRSS
6058 Aspen Ave
Hill AFB, UT 84056-5805
DSN 777-7830/8741
<https://367trss.hill.af.mil/>

362 TRS
613 10th Ave
Sheppard AFB, TX 76311-2352
DSN 736-1825
<https://www.my.af.mil/etccourses/>

COURSE NUMBER	COURSE TITLE	OPR
J6ANW2AXXX 0W1A	Weight and Balance (General)	362 TRS
J6AZW2AXXX 0Q1A	Quality Assurance Aircraft	362 TRS
00TCB0002V1	Multimeter Familiarization	367 TRS/TRSS
C3MKUA5TCB0006	Torque Wrench Pre-Use Inspection and Operation Reference Video	367 TRS/TRSS

12. Training Detachment (TD) Courses:

COURSE NUMBER	COURSE TITLE	OPR
J4AMP2A6X1 A17A	C-130 Propeller (HS54H60-91) Intermediate Maintenance	373 TRS
J4AMP2A6X1 A30A	H-60 (T700) Turboshaft Propulsion	372 TRS
J4AMP2A6X1 B17A	C-130 Propeller (HS54H60-91) Organizational Maintenance	373 TRS
J4AMP2A6X1 B30B	T700/T707/T701C Compressor Blade Blending (O/I Maintenance)	372 TRS
J4AMP2A6X1 C17A	T56-A-15 Engine Intermediate Maintenance	373 TRS
J4AMP2A6X1 D17A	T56-A-15 Engine Organizational Maintenance	373 TRS
J4AMP2A6X1 E17A	T56-A-15 Turboprop Engine Gearbox and Turbine R&R	373 TRS
J4AMP2A6X1 F17A	C-130J Propulsion Systems Organizational Maintenance (Engine and Prop)	373 TRS
J4AMP2A6X1 G17A	T56 Engine Blade Blending	373 TRS
J4AMP2A6X1 I17A	AE2100D3 Engine Borescope Inspection	373 TRS

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

372 TRS	373 TRS
1917 Missile Road	1917 Missile Road
Sheppard AFB, TX 76311-2361	Sheppard AFB, TX 76311-2361
DSN 736-4792	DSN 736-4671

<https://www.my.af.mil/gcss-af/USAF/ep/globalTab.do?channelPageId=s6925EC1353200FB5E044080020E329A9&command=org>

Section D - MAJCOM Unique Requirements: Combat Air Force and Mobility Air Force Mandatory Course Listing (CAF&MAF/MCL) applies to AETC, AFSOC, PACAF, and USAFE personnel/units as applicable. The CAF&MAF/MCL does not apply to Air National Guard (ANG) or Air Force Reserve Command (AFRC) members and units. **However**, it does apply to active duty personnel assigned to Total Force Integrated units (Active Duty personnel assigned to Guard bases). MAJCOMs change mandatory course requirements occasionally. Up-to-date CAF&MAF/MCL requirements can be obtained at your local Military Training Flight and/or Unit Training Manager.

13. MAJCOM Course List: Contact the course OPRs at:

HQ AMC/A4MMT	HQ ACC LSG / OL-CA
402 Scott Drive Unit 2A2	6058 Aspen
Scott AFB, IL 62225-5308	Hill AFB, UT 84056-5805
DSN 779-4787	DSN 777-4278

Section E - Specialty Training Standard

14. Implementation: This STS will be used for technical training provided by Air Education and Training Command for the following classes: Course J3ABR2A631H048C is planned to begin on 2 December 2015 with a graduation date of 29 March 2016.

15. Purpose: As prescribed in AFI 36-2201, this STS:

15.1. Lists in column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level. An asterisk (*) before the number indicates a wartime course objective.

15.2. An asterisk (*) in column 2 identifies specialty-wide training requirements core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability becomes available; MAJCOM Functional Managers, commanders, and supervisors may designate additional tasks as necessary. Third-party certification of core tasks is no longer an Air Force requirement for this specialty. However, MAJCOMs, commanders, and workcenter supervisors still retain the option to designate critical tasks requiring third-party certification. To designate a task as requiring third-party certification, identify the appropriate task in the core task column on the specialty training standard (STS) portion of the CFETP in the master task list (MTL) and individual training records. If the task is not already designated as a core task, identify the task in the core task column.

15.2.1. 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).

15.2.2. For units with more than one mission design (e.g. A-10) aircraft, upgrade trainees need only complete core tasks on a single mission design/TMSM. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design aircraft, if desired. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft. Flightline-assigned personnel must complete backshop core tasks and vice versa. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

15.2.3. Units will complete the Computer Based Training (CBT) core tasks applicable to the system in use and are not required to complete both. Locations with both IMDS and G081 will only train on the system applicable to their MDS/TMSM. This training is available by access from the Air Force Portal.

15.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use IMDS/G081 to document technician qualifications, if available. Task certification must show a certification or completed date.

15.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course.

15.5. Qualitative Requirements: Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

15.6. Job Qualification Standard: Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:

15.6.1. Documentation: Document and certify completion of training IAW AFI 36-2201. Automated records, utilizing MIS or IMDS/G081 reflecting this STS is highly encouraged. Use of Part II and attachments one and two of this CFETP are mandatory in individual training records. Use of Part I of this CFETP is optional. Use of at least one of attachments 3 through 7 is required.

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

15.7. STS: Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Analysis Division, by Senior NCOs with extensive practical experience in their career fields. The

tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2502, *Enlisted Airman Promotion/Demotion Programs*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

16. Recommendations: Report unsatisfactory performance of individual course graduates to the AETC training manager at 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264, DSN 736-3539 or e-mail address 361TRS_TRAININGMANAGERS@us.af.mil. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For a quick response to problems, call our customer service information line, DSN 736-5236, any time, day or night.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN B. COOPER
Lieutenant General, USAF
DCS/Installations, Logistics and Mission Support

7 Attachments:

1. Proficiency Code Key
2. STS – General Propulsion
3. STS – Secondary Power/APU
4. STS – T56
5. STS – T700 (UH60A)
6. STS – AE2100D (C-130J)
7. STS – 2AX7X CDC

<i>This Block Is For Identification Purposes Only</i>		
Name Of Trainee		
Printed Name (Last, First, Middle Initial)	Initials (Written)	Last 4 SSAN
Printed Name Of Certifying Official and Written Initials		
<i>N/I</i>	<i>N/I</i>	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
Task	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
Performance	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
Levels	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
*Task	b	Can determine step by step procedures for doing the task. (Procedures)
Knowledge	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
Levels	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
	A	Can identify basic facts and terms about the subject. (Facts)
**Subject	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
Knowledge	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
Levels	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
<p>Explanations</p> <p>* 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)</p> <p>** 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.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.</p> <p>X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.</p> <p>NOTE: All tasks and knowledge items shown with a proficiency code are trained during war time. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available</p> <p>Qualitative requirements are used to show the level of training received in formal (AETC) courses.</p>		

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
ATTACHMENT 2												
NOTE 1: The tasks and knowledge listed in attachment 2 are performed by all personnel in the Aerospace Propulsion specialty for the appropriate skill level upgrade. The tasks in attachments 3 through 7 are engine specific and are to be performed by all personnel in the Aerospace Propulsion specialty performing maintenance on the specified equipment.												
NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.												
NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability becomes available												
2.1.	CAREER FIELD PROGRESSION TR: AFI 36-2101								-	-	-	A
2.2.	AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFI 127-01 Vol. 1 and 3 AFIs 21-101, 91-202, 91-203, 91- 204, , 91-301, 91-302, AFPAM 90- 902; and Applicable Aircraft/Engine TOs											
2.2.1.	AFOSH Standards								A	-	-	B
2.2.2.	Hazards of AFSC								A	-	-	B
2.2.3.	Maintain Safe Work Area	*							2b	-	-	c
2.2.4.	Ensure Aircraft Safe for Maintenance	*							1a	-	-	b
2.2.5.	Restraint Harness (e.g., Fall Protection /Prevention Equipment)								B	-	-	B
2.2.6.	Risk Management (RM)								A	-	-	-
2.2.7.	Maintenance Resource Management (MRM)								A	-	-	-
2.2.8.	Maintenance Incident Prevention and Investigation								-	-	-	-
2.3.	OPERATIONS SECURITY (OPSEC) VULNERABILITIES FOR AFSC 2A6X1 TR: AFI 10-1101								A	-	-	-
2.4.	FOREIGN OBJECT DAMAGE (FOD) PROGRAM TR: AFI 21-101 and Applicable MAJCOM Instructions											
2.4.1.	Apply FOD Prevention Practices	*							2b	-	-	c
2.4.2.	FOD Program Manager								-	-	-	-
2.4.3.	Dropped Object Prevention (DOP) Program								A	-	-	-
2.5.	HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: AFJMAN 24-204 and Applicable Federal, State, Country and Local Regulations											
2.5.1.	Hazardous Materials Program								A	-	-	B
2.5.2.	Types of Hazardous Materials/Fluids								A	-	-	B
2.5.3.	Handling Procedures	*							A	-	-	B
2.5.4.	Storage and Labeling								A	-	-	B
2.5.5.	Proper Disposal								A	-	-	B

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
2.6. ENLISTED SPECIALTY TRAINING TR: AFIs 36-2201 and 36-2232 and Applicable MAJCOM Directives												
2.6.1. Trainee Responsibilities								-	-	-	-	
2.6.2. OJT Trainer Responsibilities												
2.6.2.1. Prepare Teaching Outlines or Task Breakdowns								-	-	-	-	
2.6.2.2. Provide Trainee Theory and Train on Actual Equipment								-	-	-	-	
2.6.2.3. Provide Feedback on Training								-	-	-	-	
2.6.3. OJT Task Certifier Responsibilities												
2.6.3.1. Develop Methods of Evaluation to Determine Trainee Knowledge/Qualification, and Training Effectiveness								-	-	-	-	
2.6.3.2. Use Appropriate Method of Evaluation and Effectively Determine Trainees Ability								-	-	-	-	
2.6.3.3. Give Supervisor and Trainer Feedback on Results of Training Provided, and Trainee's Strengths/Weaknesses								-	-	-	-	
2.6.3.4. Training Plans and Working Groups								-	-	-	-	
2.7. TECHNICAL PUBLICATIONS TR: Interactive Electronic Technical Manual System (IETMS) AFPD 21-3, TOs 00-5-1, 00-5-2, and 00-5-15												
2.7.1. TO System								B	-	-	B	
2.7.2. Use Technical Orders/Pubs	*							2b	-	-	-	
2.7.3. TCTOs								A	-	-	B	
2.7.4. AFTO Form 22								A	-	-	B	
2.8. SUPPLY MANAGEMENT TR: AFMAN 23-110 and TOs 00-20-3 and 00-20-1												
2.8.1. Maintenance Supply Concept								A	-	-	B	
2.8.2. Supply Documents Management								-	-	-	A	
2.8.3. Status Tags	*							A	-	-	B	
2.8.4. AF Form 2005								A	-	-	B	
2.8.5. Equipment Account Management								-	-	-	A	
2.8.6. Depot Level Reparable (DLR)/Reparable Support Division (RSD)								-	-	-	A	
2.8.7. Priority System								A	-	-	B	
2.8.8. Repair Cycle Assets								-	-	-	B	
2.8.9. Shelf-Life Items Inspection and Control								A	-	-	B	
2.8.10. Precious Metal Recovery								A	-	-	B	
2.9. MAINTENANCE MANAGEMENT TR: AFI 21-101, TOs 00 35D-54, 00-20 series, AFMCI 21-103, AFI 21-104, TO 2-1 18 and Applicable MAJCOM Directives												
2.9.1. General												
2.9.1.1. Responsibilities of the Maintenance Group								-	-	-	-	
2.9.1.2. Functions Within the Maintenance Complex								-	-	-	A	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
2.9.1.3. Engine Maintenance Management Information Systems								-	-	-	A
2.9.1.4. Resource Management								-	-	-	-
2.9.1.5. Mobility								-	-	-	-
2.9.1.6. Maintenance Accountability								A	-	-	-
2.9.1.7. Process PMEL Equipment								-	-	-	-
2.9.1.8. Status of Reports and Training (SORTS)								-	-	-	-
2.9.1.9. Use Land Mobile Radios (LMR)								-	-	-	-
2.9.1.10. Classified Asset Handling								-	-	-	-
2.9.1.11. Centralized Repair Facilities (CRFs)								-	-	-	B
2.9.1.12. Engine Depot Organizational Structure								-	-	-	-
2.9.1.13. Depot Functions								-	-	-	A
2.9.1.14. Civilian Contract Maintenance								-	-	-	-
2.9.1.15. Engine Metrics								-	-	-	-
2.9.2. Engine Health Management (EHM)											
2.9.2.1. EHM Program								-	-	-	-
2.9.2.2. Reliability Centered Maintenance (RCM)								-	-	-	A
2.9.2.3. Engine Trending and Diagnostics (ET&D) Program Management								-	-	-	A
2.9.2.4. Lead the Fleet (Pacer Program)								-	-	-	A
2.9.3. Provide and Interpret Engine Historical Data TR: AFCSM 21 Series and TO 00-20 Series, TO 00-25 254-1/- 2											
2.9.3.1. Engine Historical Records								A	-	-	B
2.9.3.2. Engine Status Reports								-	-	-	B
2.10. MAINTENANCE INSPECTION SYSTEMS AND FORMS TR: AFCSM 21 Series, AFI 21-101; TOs 00-20 Series, 00-35D-54; Applicable Aircraft Work Unit Code Manuals and Applicable MAJCOM Directives.											
2.10.1. Inspections											
2.10.1.1. Flight Inspections								-	-	-	-
2.10.1.2. Isochronal Inspections								A	-	-	B
2.10.1.3. Hourly Inspections								A	-	-	B
2.10.1.4. Special Inspections								A	-	-	B
2.10.1.5. Engine Acceptance Inspection								A	-	-	B
2.10.1.6. Work Center In-Process Inspections (IPI)											
2.10.1.6.1. Theory								A	-	-	B
2.10.1.6.2. Identify IPI								-	-	-	-
2.10.2. Maintenance Information Systems (MIS)											
2.10.2.1. Fundamentals								A	-	-	-
2.10.2.2. Use Applicable MIS	*							-	-	-	-
2.10.3. Document Maintenance Actions TR: IAW 00-20-1											
2.10.3.1. Use AFTO Form 350	*							2b	-	-	b
2.10.3.2. Use AFTO Form 781 series (A,H,J,K)	*							1a	-	-	b
2.10.3.3. Use AFTO Form 244/245	*							2b	-	-	b
2.10.3.4. Deficiency Reporting System								-	-	-	A

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
2.10.3.5. Aircraft Configuration/Modification								-	-	-	-
2.10.3.6. Engine Work Folders								-	-	-	-
2.10.3.7. Local Forms								-	-	-	-
2.11. HAND TOOLS											
2.11.1. Select	*							2b	-	-	-
2.11.2. Use	*							2b	-	-	-
2.11.3. Inspect								2b	-	-	b
2.11.4. Care								-	-	-	b
2.12. GENERAL MAINTENANCE TR: TOs 1-1A-8, 1-1A-14, 2-1-111, 44B-1-15, and Applicable TOs											
2.12.1. General											
2.12.1.1. Select Engine Hardware	*							2b	-	-	c
2.12.1.2. Use Engine Hardware	*							2b	-	-	c
2.12.1.3. Use Hardware Safety Devices	*							2b	-	-	c
2.12.1.4. Bearing Inspection/Handling								A	-	-	B
2.12.1.5. Proper handling of Electrostatic Sensitive Discharge (ESD) Devices								-	-	-	A
2.12.2. Perform Preliminary Maintenance Procedures											
2.12.2.1. Work Area	*							2b	-	-	b
2.12.2.2. Support Equipment	*							2b	-	-	b
2.12.2.3. Engine	*							2b	-	-	b
2.12.3. Engine Plumbing											
2.12.3.1. Remove	*							2b	-	-	b
2.12.3.2. Inspect		*						2b	-	-	b
2.12.3.3. Install	*							2b	-	-	b
2.12.4. Electrical Systems											
2.12.4.1. Electrical Fundamentals								A	-	-	B
2.12.4.2. Trace Wiring Diagrams, Circuits and Schematics								-	-	-	b
2.12.4.3. Use Multimeters	*							1a	-	-	b
2.13. SPECIAL/MEASURING TOOLS TR: TOs 32-1-101, 32-1 201, and Applicable Engine TOs											
2.13.1. Depth Gauge											
2.13.1.1. Select								2b	-	-	b
2.13.1.2. Use								2b	-	-	b
2.13.2. Micrometers											
2.13.2.1. Select								2b	-	-	b
2.13.2.2. Use								2b	-	-	b
2.13.3. Torque Wrenches											
2.13.3.1. Select	*							2b	-	-	b
2.13.3.2. Use	*							2b	-	-	b
2.13.4. Engine Fixtures/Tooling											
2.13.4.1. Select								2b	-	-	-
2.13.4.2. Use								2b	-	-	-
2.14. TEST EQUIPMENT TR: Applicable Engine TOs											
2.14.1. Vibration Analyzer								-	-	-	-
2.14.2. Jet Cal Analyzer								-	-	-	-
2.14.3. Velocimeter/Accelerometer/ Velometer								-	-	-	-
2.14.4. Dynamic Balancer								-	-	-	-
2.14.5. Fuel Nozzle Flow Tester								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
2.15. SUPPORT EQUIPMENT TR: TOs 35A4 Series, 35D3 Series, 35D4 Series, 36C3 and Applicable Aircraft/Engine TOs												
2.15.1. Hoisting Equipment												
2.15.1.1. Operate Portable								2b	-	-	-	-
2.15.1.2. Operate Power Overhead								2b	-	-	-	-
2.15.2. Lifting Adapters												
2.15.2.1. Inspect								-	-	-	-	A
2.15.2.2. Assemble								-	-	-	-	-
2.15.2.3. Disassemble								-	-	-	-	-
2.15.2.4. Weight Check								-	-	-	-	-
2.15.3. Personnel Stands												
2.15.3.1. Inspect Prior to Use	*							1a	-	-	-	a
2.15.3.2. Operate	*							1a	-	-	-	a
2.15.3.3. Maintain								-	-	-	-	-
2.15.4. Engine Trailer Maintenance												
2.15.4.1. Engine Trailer Steering Components												
2.15.4.1.1. Inspection								-	-	-	-	-
2.15.4.1.2. Removal								-	-	-	-	-
2.15.4.1.3. Installation								-	-	-	-	-
2.15.4.2. Engine Trailer King Pin												
2.15.4.2.1. Inspection								-	-	-	-	-
2.15.4.2.2. Removal								-	-	-	-	-
2.15.4.2.3. Installation								-	-	-	-	-
2.15.4.3. Engine Trailer Wheel Bearings												
2.15.4.3.1. Inspection								-	-	-	-	-
2.15.4.3.2. Removal								-	-	-	-	-
2.15.4.3.3. Lubrication								-	-	-	-	-
2.15.4.3.4. Installation								-	-	-	-	-
2.15.4.4. Engine Trailer Brake Assembly												
2.15.4.4.1. Inspection								-	-	-	-	-
2.15.4.4.2. Removal								-	-	-	-	-
2.15.4.4.3. Installation								-	-	-	-	-
2.15.4.5. Engine Trailer Wheel and Hub												
2.15.4.5.1. Inspection								-	-	-	-	-
2.15.4.6. Engine Trailer Tire												
2.15.4.6.1. Inspection								-	-	-	-	-
2.15.4.6.2. Removal								-	-	-	-	-
2.15.4.6.3. Installation								-	-	-	-	-
2.15.4.6.4. Tube/Tire Replacement								-	-	-	-	-
2.15.4.6.5. Engine Trailer Wheel Alignment								-	-	-	-	-
2.15.4.7. Engine Trailer Tow Bar												
2.15.4.7.1. Inspection								-	-	-	-	-
2.15.4.7.2. Removal								-	-	-	-	-
2.15.4.7.3. Installation								-	-	-	-	-
2.15.4.8. Engine Trailer Tie Rods												
2.15.4.8.1. Inspection								-	-	-	-	-
2.15.4.8.2. Removal								-	-	-	-	-
2.15.4.8.3. Installation								-	-	-	-	-
2.15.4.9. Engine Trailer Rails												
2.15.4.9.1. Inspection								-	-	-	-	-
2.15.4.9.2. Removal								-	-	-	-	-
2.15.4.9.3. Installation								-	-	-	-	-
2.15.4.10. Engine Trailer Quick Release Pins												
2.15.4.10.1. Inspection								-	-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
2.15.5. Powered Support Equipment												
2.15.5.1. General												
2.15.5.1.1. Perform Inspection								-	-	-	-	
2.15.5.1.2. Operate Electrical Power Units (Gas Turbine/ Diesel)								-	-	-	-	
2.15.5.1.3. Operate Air Conditioner								-	-	-	-	
2.15.5.1.4. Operate Floodlight Set								-	-	-	-	
2.15.5.1.5. Operate Pneumatic Air Cart								-	-	-	-	
2.15.5.1.6. Operate Self Generating Nitrogen Cart								-	-	-	-	
2.15.5.1.7. Operate Portable Ground Heater								-	-	-	-	
2.15.5.2. Compressor Wash Cart/Unit												
2.15.5.2.1. Inspect Prior to Use								-	-	-	-	
2.15.5.2.2. Operate								-	-	-	-	
2.15.5.2.3. Maintain								-	-	-	-	
2.16. ENGINE INSPECTION AND PREVENTIVE MAINTENANCE TR: TOs 00-20 Series, 33B4-2 22-1, 33-1-37 Series, and Applicable Aircraft/Engine TOs												
2.16.1. General												
2.16.1.1. Damage Analysis								-	-	-	-	B
2.16.1.2. Vibration Analysis								-	-	-	-	B
2.16.1.3. Oil Analysis Program (OAP)/Joint Oil Analysis Program (JOAP)								-	-	-	-	A
2.16.1.4. Inspect Oil Filter/Chip Detector/Magnetic Drain Plug								1a	-	-	-	b
2.16.1.5. Obtain Engine Oil Sample								-	-	-	-	
2.16.2. Borescope												
2.16.2.1. Fundamentals								A	-	-	-	
2.16.2.2. Use Rigid								-	-	-	-	a
2.16.2.3. Use Flexible								-	-	-	-	a
2.17. ENGINE PRESERVATION SHIPMENT AND STORAGE TR: TOs 00-20-4, 00-20-5, 00 85-20, 2J-1-18, 2-1-111, 6J3-1 12, and Applicable Engine TOs												
2.17.1. Prepare Engine for Shipment								-	-	-	-	b
2.17.2. Engine/Module/ Components In Shipping Container												
2.17.2.1. Removal								-	-	-	-	B
2.17.2.2. Installation								-	-	-	-	B
2.17.2.3. Pressurize Shipping Container								-	-	-	-	b
2.17.3. Engine/Module/Components												
2.17.3.1. Preserve	*							a	-	-	-	a
2.17.3.2. De-preserve								a	-	-	-	a
2.17.3.3. Corrosion Control								-	-	-	-	B
2.17.4. Noise Suppressor/Hush House												
2.17.4.1. Inspect								-	-	-	-	
2.17.4.2. Maintenance								-	-	-	-	
2.17.4.3. Operate								-	-	-	-	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
2.18. GENERAL MAINTENANCE/ PRODUCTION TEAM MAINTENANCE TASKS TR: Applicable Aircraft & Engine TOs												
2.18.1. General												
2.18.1.1. Perform Flight Line Safety/Precautions/Security Familiarization								-	-	-	-	
2.18.1.2. Introduction to Aircraft/Airframe Familiarization/Egress								-	-	-	-	
2.18.1.3. Operate Aircraft Radios								-	-	-	-	
2.18.1.4. Defensive Systems (DS) Familiarization (on Applicable Aircraft)								-	-	-	-	
2.18.1.5. Statically Ground Aircraft								-	-	-	-	
2.18.1.6. Apply/Disconnect External Electrical Power Unit								-	-	-	-	
2.18.1.7. Perform Jacking Team Member								-	-	-	-	
2.18.1.8. Perform Refuel/Defuel Team Member Duties								-	-	-	-	
2.18.1.9. Perform Refuel/Defuel Team Supervisor								-	-	-	-	
2.18.1.10. Remove/Install Aircraft Maintenance Access Panels								-	-	-	-	
2.18.1.11. Use Aircraft Interphone System								-	-	-	-	
2.18.1.12. Perform Aircraft Marshaling Procedures								-	-	-	-	
2.18.1.13. Tow Aircraft								-	-	-	-	
2.18.1.14. Perform Tow Team Supervisor								-	-	-	-	
2.18.1.15. Perform Wing/Tail Walker Duties								-	-	-	-	
2.18.1.16. Brake Operator								-	-	-	-	
2.18.1.17. Perform Launch/Recovery Procedures								-	-	-	-	
2.18.1.18. Perform Jack Team Supervisor								-	-	-	-	
2.18.1.19. Perform Concurrent Servicing Supervisor								-	-	-	-	
2.18.1.20. Perform Tire Servicing								-	-	-	-	
2.18.1.21. Replace Tires								-	-	-	-	
2.18.1.22. Replace Brakes								-	-	-	-	
2.18.1.23. Perform Aircraft Pre-Flight Inspection								-	-	-	-	
2.18.1.24. Perform Aircraft Thru-Flight Inspection								-	-	-	-	
2.18.1.25. Perform Aircraft Post-Flight Inspection								-	-	-	-	
2.18.1.26. Operate Aircraft Cargo Door/Ramp/								-	-	-	-	
2.18.1.27. Perform LOX/GOX servicing								-	-	-	-	
2.18.1.28. Configure -21 Equipment								-	-	-	-	
2.18.2. Operate Hangar Doors												
2.18.2.1. Electrical								-	-	-	-	
2.18.2.2. Mechanical								-	-	-	-	
2.19. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101												
2.19.1. Installed Engine Run Certifying Official								-	-	-	-	
2.19.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)								-	-	-	-	

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
2.19.3. Aircraft Inlet/Intake/Exhaust Certifying Official								-	-	-	-
2.19.4. Flexible Borescope Certifying Official								-	-	-	-
2.19.5. Engine Blade Blend Certifying Official								-	-	-	-
2.19.6. Red X by Primary AFSC (PAFSC) and MDS								-	-	-	-
2.19.7. IPI by PAFSC and MDS								-	-	-	-
2.19.8. Red-X and/or IPI - Limited								-	-	-	-
2.19.9. Installed Engine Run by MDS								-	-	-	-
2.19.10. Engine Blade Blending								-	-	-	-
2.19.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS								-	-	-	-
2.19.12. Uninstalled Engine Run Certifying Official/ETS by TMS								-	-	-	-
2.19.13. Aircraft Inlet/Intake/Exhaust Certification								-	-	-	-
2.19.14. Engine Flexible Borescope Inspections								-	-	-	-
2.19.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator								-	-	-	-
2.19.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator								-	-	-	-
2.19.17. Aircraft APU/GTC/APP Run Certifying Official								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
ATTACHMENT 3											
NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on secondary power/APU units.											
NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are optional for ANG and AFRC when training capability is not available, but must be accomplished when capability becomes available.											
3.1.	C-130, SMALL GAS TURBINE ENGINES (GTC/APU) TR: T.O. 1C-130H-2-49GS-00-1; 1C-130H-2-49JG-00-1; 1C-130(H/M)J-2-49JG-00-1; 1C-130J-2-49GS-00-1; 1C-130J-2-49JG-00-1										
3.1.1.	Constructional Features							A	-	-	B
3.1.2.	Principles of APU/GTC Operation										
3.1.2.1.	Fuel							-	-	-	B
3.1.2.2.	Oil							-	-	-	B
3.1.2.3.	Electrical							-	-	-	B
3.1.2.4.	Pneumatic							-	-	-	B
3.1.3.	APU/GTC Maintenance										
3.1.3.1.	Remove							-	-	-	-
3.1.3.2.	Inspect							-	-	-	-
3.1.3.3.	Install							-	-	-	-
3.1.3.4.	Operate APU/GTC							-	-	-	-
3.1.3.5.	Operate Analyzer							-	-	-	-
3.1.4.	Fuel Pump and Control Assembly										
3.1.4.1.	Remove							-	-	-	-
3.1.4.2.	Inspect							-	-	-	-
3.1.4.3.	Install							-	-	-	-
3.1.4.4.	Adjust							-	-	-	-
3.1.5.	Fuel Filter										
3.1.5.1.	Remove							-	-	-	-
3.1.5.2.	Inspect							-	-	-	-
3.1.5.3.	Install							-	-	-	-
3.1.6.	Fuel Atomizer										
3.1.6.1.	Remove							-	-	-	-
3.1.6.2.	Inspect							-	-	-	-
3.1.6.3.	Install							-	-	-	-
3.1.7.	Combustion Liner										
3.1.7.1.	Remove							-	-	-	-
3.1.7.2.	Inspect							-	-	-	-
3.1.7.3.	Install							-	-	-	-
3.1.8.	Heat Blanket										
3.1.8.1.	Remove							-	-	-	-
3.1.8.2.	Inspect							-	-	-	-
3.1.8.3.	Install							-	-	-	-
3.1.9.	Starter										
3.1.9.1.	Remove							-	-	-	-
3.1.9.2.	Inspect							-	-	-	-
3.1.9.3.	Install							-	-	-	-
3.1.9.4.	Adjust Clutch							-	-	-	-
3.1.10.	Multiple Centrifugal Switch										
3.1.10.1.	Remove							-	-	-	-
3.1.10.2.	Inspect							-	-	-	-
3.1.10.3.	Install							-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
3.1.10.4. Adjust								-	-	-	-
3.1.10.5. Use Centrifugal Speed Switch Tester											
3.1.11. Oil Pump											
3.1.11.1. Remove								-	-	-	-
3.1.11.2. Inspect								-	-	-	-
3.1.11.3. Install								-	-	-	-
3.1.11.4. Adjust								-	-	-	-
3.1.12. Oil Cooler											
3.1.12.1. Remove								-	-	-	-
3.1.12.2. Inspect								-	-	-	-
3.1.12.3. Install								-	-	-	-
3.1.13. Oil Filter											
3.1.13.1. Remove								-	-	-	-
3.1.13.2. Inspect								-	-	-	-
3.1.13.3. Install								-	-	-	-
3.1.14. Ignition Exciter											
3.1.14.1. Remove								-	-	-	-
3.1.14.2. Inspect								-	-	-	-
3.1.14.3. Install								-	-	-	-
3.1.15. Igniter Plug											
3.1.15.1. Remove								-	-	-	-
3.1.15.2. Inspect								-	-	-	-
3.1.15.3. Install								-	-	-	-
3.1.16. Thermocouple											
3.1.16.1. Remove								-	-	-	-
3.1.16.2. Inspect								-	-	-	-
3.1.16.3. Install								-	-	-	-
3.1.17. Fuel/Start Holding Relay											
3.1.17.1. Remove								-	-	-	-
3.1.17.2. Inspect								-	-	-	-
3.1.17.3. Install								-	-	-	-
3.1.18. Load Control Thermostat											
3.1.18.1. Remove								-	-	-	-
3.1.18.2. Inspect								-	-	-	-
3.1.18.3. Install								-	-	-	-
3.1.18.4. Adjust								-	-	-	-
3.1.19. Acceleration Control Thermostat											
3.1.19.1. Remove								-	-	-	-
3.1.19.2. Inspect								-	-	-	-
3.1.19.3. Install								-	-	-	-
3.1.19.4. Adjust								-	-	-	-
3.1.20. Oil Pressure Sequencing Switch											
3.1.20.1. Remove								-	-	-	-
3.1.20.2. Inspect								-	-	-	-
3.1.20.3. Install								-	-	-	-
3.1.21. Load Control Valve											
3.1.21.1. Remove								-	-	-	-
3.1.21.2. Inspect								-	-	-	-
3.1.21.3. Install								-	-	-	-
3.1.21.4. Adjust								-	-	-	-
3.1.22. Gas Turbine Compressor (GTC/APU) Door											
3.1.22.1. Remove								-	-	-	-
3.1.22.2. Inspect								-	-	-	-
3.1.22.3. Install								-	-	-	-
3.1.22.4. Adjust (GTC only)								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
3.1.23. Tailpipe											
3.1.23.1. Remove								-	-	-	-
3.1.23.2. Inspect								-	-	-	-
3.1.23.3. Install								-	-	-	-
3.1.24. Tachometer Generator											
3.1.24.1. Remove								-	-	-	-
3.1.24.2. Inspect								-	-	-	-
3.1.24.3. Install								-	-	-	-
3.1.25. Electronic 3-Speed Switch (E3SS)											
3.1.25.1. Remove								-	-	-	-
3.1.25.2. Inspect								-	-	-	-
3.1.25.3. Install								-	-	-	-
3.1.26. Electronic Temperature and Acceleration Control (ETAC)											
3.1.26.1. Remove								-	-	-	-
3.1.26.2. Inspect								-	-	-	-
3.1.26.3. Install								-	-	-	-
3.1.26.4. Adjust								-	-	-	-
3.1.27. Proportional Control Valve											
3.1.27.1. Remove								-	-	-	-
3.1.27.2. Inspect								-	-	-	-
3.1.27.3. Install								-	-	-	-
3.2. H-60 AUXILIARY POWER UNIT (APU) TR: 1H-60(H)G-2-5, 2G-GTC36-23											
3.2.1. General											
3.2.1.1. Operating Principles								-	-	-	B
3.2.1.2. Remove	*							-	-	-	-
3.2.1.3. Install	*							-	-	-	-
3.2.1.4. Service	*							-	-	-	-
3.2.1.5. Troubleshoot APU Systems								-	-	-	-
3.2.2. Oil Filter											
3.2.2.1. Remove	*							-	-	-	-
3.2.2.2. Inspect		*						-	-	-	-
3.2.2.3. Install	*							-	-	-	-
3.2.3. Fuel Filters											
3.2.3.1. Remove	*							-	-	-	-
3.2.3.2. Inspect		*						-	-	-	-
3.2.3.3. Install	*							-	-	-	-
3.2.4. APU Driven Components											
3.2.4.1. Remove	*							-	-	-	-
3.2.4.2. Inspect		*						-	-	-	-
3.2.4.3. Install	*							-	-	-	-
3.2.5. Igniter Box											
3.2.5.1. Remove	*							-	-	-	-
3.2.5.2. Inspect		*						-	-	-	-
3.2.5.3. Install	*							-	-	-	-
3.2.6. Igniter Plug											
3.2.6.1. Remove	*							-	-	-	-
3.2.6.2. Inspect		*						-	-	-	-
3.2.6.3. Install	*							-	-	-	-
3.2.7. Electronic Sequencing Unit (ESU)											
3.2.7.1. Remove	*							-	-	-	-
3.2.7.2. Install	*							-	-	-	-
3.2.7.3. Operate APU								-	-	-	-
3.2.8. High Oil Temp Switch (Garret)											

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
3.2.8.1. Remove								-	-	-	-
3.2.8.2. Inspect								-	-	-	-
3.2.8.3. Install								-	-	-	-
3.2.9. Low Oil Pressure Switch (Garret)											
3.2.9.1. Remove								-	-	-	-
3.2.9.2. Inspect								-	-	-	-
3.2.9.3. Install								-	-	-	-
3.2.10. History Recorder (Meter Assembly)											
3.2.10.1. Remove								-	-	-	-
3.2.10.2. Inspect								-	-	-	-
3.2.10.3. Install								-	-	-	-
3.2.11. Fuel Control											
3.2.11.1. Remove								-	-	-	-
3.2.11.2. Inspect								-	-	-	-
3.2.11.3. Install								-	-	-	-
3.2.12. Hydraulic Starter											
3.2.12.1. Remove								-	-	-	-
3.2.12.2. Inspect								-	-	-	-
3.2.12.3. Install								-	-	-	-
3.3. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101											
3.3.1. Installed Engine Run Certifying Official								-	-	-	-
3.3.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)								-	-	-	-
3.3.3. Aircraft Inlet/Intake/Exhaust Certifying Official								-	-	-	-
3.3.4. Flexible Borescope Certifying Official								-	-	-	-
3.3.5. Engine Blade Blend Certifying Official								-	-	-	-
3.3.6. Red X by Primary AFSC (PAFSC) and MDS								-	-	-	-
3.3.7. IPI by PAFSC and MDS								-	-	-	-
3.3.8. Red-X and/or IPI - Limited								-	-	-	-
3.3.9. Installed Engine Run by MDS								-	-	-	-
3.3.10. Engine Blade Blending								-	-	-	-
3.3.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS								-	-	-	-
3.3.12. Uninstalled Engine Run Certifying Official/ETS by TMS								-	-	-	-
3.3.13. Aircraft Inlet/Intake/Exhaust Certification								-	-	-	-
3.3.14. Engine Flexible Borescope Inspections								-	-	-	-
3.3.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator								-	-	-	-
3.3.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator								-	-	-	-
3.3.17. Aircraft APU/GTC/APP Run Certifying Official								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
ATTACHMENT 4												
NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel in the apprentice (3-level) J3ABR2A631H048B (T56) course.												
NOTE 2: These items are T56 unique tasks that are too specific to fall under any of the tasks in STS Attachment 2.												
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.												
NOTE 4: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available.												
4.1.	OPERATE TEST EQUIPMENT TR: 1C-130H-2-71JG-00-2; 1C-130H-2-71JG-00-3; 1C-130H-2-73JG-00-2; 1C-130H-2-77JG-00-1; 3H1-18-2; 2J-T56-56											
4.1.1.	Electrical Components Test Set								-	-	-	-
4.1.2.	Thermocouple Resistance Tester	*							1a	-	-	-
4.1.3.	Thermocouple High Current Tester								-	-	-	-
4.1.4.	Prop Synchrophaser System Test Set								-	-	-	-
4.1.5.	Scavenge Back Pressure Test Set								-	-	-	-
4.1.6.	Propeller Hydraulic Tester								-	-	-	-
4.1.7.	Valve Housing Test Stand								-	-	-	-
4.1.8.	Accurate Tachometer								-	-	-	-
4.1.9.	Performance Calculator								-	-	-	-
4.1.10.	Temperature Datum Amplifier Test set	*							2b	-	-	-
4.1.11.	Dynamic Balancer								-	-	-	B
4.1.12.	Fuel Nozzle Flow Tester								-	-	-	B
4.2.	ENGINE AND RELATED SYSTEMS TR: 1C-130H-2-70GS-00-1											
4.2.1.	Constructional Features								B	-	-	B
4.2.2.	Principles of Engine Systems Operation											
4.2.2.1.	Compressor								A	-	-	B
4.2.2.2.	Combustion								A	-	-	B
4.2.2.3.	Turbine								A	-	-	B
4.2.2.4.	Gearbox								A	-	-	B
4.2.2.5.	Propeller								A	-	-	B
4.2.2.6.	Torquemeter/Torqueshaft								A	-	-	B
4.2.2.7.	Trace and Interpret System Schematics								-	-	-	a
4.2.2.8.	Electrical								A	-	-	B
4.2.2.9.	Oil								A	-	-	B
4.2.2.10.	Fuel								A	-	-	B
4.2.2.11.	Ignition								A	-	-	B
4.2.2.12.	Anti-Icing								A	-	-	B
4.2.2.13.	Engine Start								A	-	-	B
4.2.2.14.	Bleed Air								A	-	-	B
4.2.2.15.	Fire Warning								A	-	-	B
4.2.2.16.	Engine Indicating								A	-	-	B
4.2.2.17.	Overheat Warning								A	-	-	B
4.2.2.18.	Temperature Datum								A	-	-	-
4.2.2.19.	Negative Torque Signal								A	-	-	-
4.2.2.20.	Oil Cooler Augmentation								A	-	-	-
4.2.2.21.	Mechanical Controls								A	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.2.3. Troubleshoot Systems and Components TR: 1C-130H-2-70FI-00-1-1; 1C-130H-2-70FI-00-1-2												
4.2.3.1. Start								-	-	-	-	b
4.2.3.2. Ignition								-	-	-	-	b
4.2.3.3. Oil								-	-	-	-	b
4.2.3.4. Fuel								-	-	-	-	b
4.2.3.5. Bleed Air								-	-	-	-	b
4.2.3.6. Anti-icing								-	-	-	-	b
4.2.3.7. Fire Warning								-	-	-	-	-
4.2.3.8. Mechanical Control								-	-	-	-	b
4.2.3.9. Engine Indicating								-	-	-	-	-
4.2.3.10. Overheat Warning								-	-	-	-	-
4.2.3.11. Temperature Datum								-	-	-	-	b
4.2.3.12. Negative Torque Signal								-	-	-	-	-
4.2.3.13. Oil Cooler Augmentation								-	-	-	-	-
4.3. ENGINE MAINTENANCE TR: TOs 00-20 Series, 1-1A8, 2J-1-13, 2J-T56-56, and Applicable Aircraft and Engine TOs												
4.3.1. Reduction Gearbox (RGB) TR: 1C-130H-2-71JG-00-2												
4.3.1.1. Remove								1a	-	-	-	-
4.3.1.2. Disassemble								-	-	-	-	-
4.3.1.3. Inspect								1a	-	-	-	-
4.3.1.4. Repair								-	-	-	-	-
4.3.1.5. Assemble								-	-	-	-	-
4.3.1.6. Install								1a	-	-	-	-
4.3.2. Propeller Brake TR: 1C-130H-2-71JG-00-2												
4.3.2.1. Remove								-	-	-	-	-
4.3.2.2. Inspect								-	-	-	-	-
4.3.2.3. Install								-	-	-	-	-
4.3.2.4. Perform Propeller Brake Flush								-	-	-	-	-
4.3.3. Torquemeter TR: 1C-130H-2-71JG-00-2												
4.3.3.1. Remove								-	-	-	-	-
4.3.3.2. Inspect								-	-	-	-	-
4.3.3.3. Install								-	-	-	-	-
4.3.4. Compressor Module TR: 2J-T56-56												
4.3.4.1. Remove								-	-	-	-	-
4.3.4.2. Disassemble								-	-	-	-	-
4.3.4.3. Inspect		*						1a	-	-	-	-
4.3.4.4. Repair								-	-	-	-	-
4.3.4.5. Assemble								-	-	-	-	-
4.3.4.6. Install								-	-	-	-	-
4.3.4.7. Blend Blades								-	-	-	-	-
4.3.5. Combustion Section TR: 2J-T56-56												
4.3.5.1. Remove								-	-	-	-	-
4.3.5.2. Inspect		*						1a	-	-	-	-
4.3.5.3. Install								-	-	-	-	-
4.3.6. Turbine Module TR: 2J-T56-56												
4.3.6.1. Remove								1a	-	-	-	-
4.3.6.2. Disassemble								-	-	-	-	-
4.3.6.3. Inspect		*						1a	-	-	-	-
4.3.6.4. Assemble								-	-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.3.6.5. Install								1a	-	-	-
4.3.6.6. Set Turbine Rotor Axial Clearance								1a	-	-	-
4.3.7. Engine Rigging TR: 1C-130H-2-76JG-00-1											
4.3.7.1. Rig Firewall to Coordinator		*						1a	-	-	-
4.3.7.2. Rig Coordinator to Fuel control		*						-	-	-	-
4.3.7.3. Rig Coordinator to Propeller		*						1a	-	-	-
4.3.7.4. Throttle Control System								-	-	-	-
4.3.7.5. Condition Control System								-	-	-	-
4.3.8. Turbine Rear Bearing Support (Trbs) TR: 1C-130H-2-71JG-00-2											
4.3.8.1. Remove	*							1a	-	-	-
4.3.8.2. Disassemble	*							1a	-	-	-
4.3.8.3. Inspect		*						1a	-	-	-
4.3.8.4. Assemble	*							1a	-	-	-
4.3.8.5. Install	*							1a	-	-	-
4.3.9. Tailpipe Exhaust TR: 1C-130H-2-71JG-00-2											
4.3.9.1. Remove								-	-	-	-
4.3.9.2. Inspect								-	-	-	-
4.3.9.3. Install								-	-	-	-
4.3.10. Accessory Drive Housing TR: 2J-T56-56											
4.3.10.1. Remove								-	-	-	-
4.3.10.2. Disassemble								-	-	-	-
4.3.10.3. Inspect								-	-	-	-
4.3.10.4. Repair								-	-	-	-
4.3.10.5. Assemble								-	-	-	-
4.3.10.6. Install								-	-	-	-
4.3.11. Fuel Control TR: 1C-130H-2-73JG-00-1											
4.3.11.1. Remove	*							-	-	-	-
4.3.11.2. Inspect		*						-	-	-	-
4.3.11.3. Install	*							-	-	-	-
4.3.11.4. Adjust		*						-	-	-	-
4.3.12. Fuel Pump TR: 1C-130H-2-73JG-00-1											
4.3.12.1. Remove								-	-	-	-
4.3.12.2. Inspect								-	-	-	-
4.3.12.3. Install								-	-	-	-
4.3.13. Temperature Datum Valve TR: 1C-130H-2-73JG-00-2											
4.3.13.1. Remove								1a	-	-	-
4.3.13.2. Inspect								-	-	-	-
4.3.13.3. Install								1a	-	-	-
4.3.13.4. Adjust	*							a	-	-	-
4.3.14. Fuel Heater Strainer Assembly TR: 1C-130H-2-73JG-00-1											
4.3.14.1. Remove								-	-	-	-
4.3.14.2. Inspect								-	-	-	-
4.3.14.3. Install								-	-	-	-
4.3.15. Fuel Nozzles TR: 1C-130H-2-73JG-00-1											
4.3.15.1. Remove	*							2b	-	-	-
4.3.15.2. Clean	*							a	-	-	-
4.3.15.3. Inspect	*							1a	-	-	-
4.3.15.4. Install	*							2b	-	-	-

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.3.16. Fuel Flow Transmitter TR: 1C-130H-2-73JG-00-1												
4.3.16.1. Remove								-	-	-	-	
4.3.16.2. Inspect								-	-	-	-	
4.3.16.3. Install								-	-	-	-	
4.3.17. Fuel Control Shutoff Actuator TR: 1C-130H-2-73JG-00-1												
4.3.17.1. Remove								-	-	-	-	
4.3.17.2. Inspect								-	-	-	-	
4.3.17.3. Install								-	-	-	-	
4.3.18. Low Speed Ground Idle Solenoid TR: 1C-130H-2-73JG-00-1												
4.3.18.1. Remove								-	-	-	-	
4.3.18.2. Inspect								-	-	-	-	
4.3.18.3. Install								-	-	-	-	
4.3.19. Enrichment Valve TR: 1C-130H-2-73JG-00-1												
4.3.19.1. Remove								-	-	-	-	
4.3.19.2. Inspect								-	-	-	-	
4.3.19.3. Install								-	-	-	-	
4.3.20. Paralleling Valve TR: 1C-130H-2-73JG-00-1												
4.3.20.1. Remove								2b	-	-	-	
4.3.20.2. Inspect								b	-	-	-	
4.3.20.3. Install								2b	-	-	-	
4.3.21. Manifold Drain Valve TR: 1C-130H-2-73JG-00-1												
4.3.21.1. Remove								-	-	-	-	
4.3.21.2. Inspect								-	-	-	-	
4.3.21.3. Install								-	-	-	-	
4.3.22. Fuel Pressure Signal Switch TR: 1C-130H-2-73JG-00-1												
4.3.22.1. Remove								-	-	-	-	
4.3.22.2. Inspect								-	-	-	-	
4.3.22.3. Install								-	-	-	-	
4.3.23. Secondary Fuel Pump Pressure Switch TR: 1C-130H-2-73JG-00-1												
4.3.23.1. Remove								2b	-	-	-	
4.3.23.2. Inspect								-	-	-	-	
4.3.23.3. Install								2b	-	-	-	
4.3.24. Manifold Pressure Switch TR: 1C-130H-2-73JG-00-1												
4.3.24.1. Remove								-	-	-	-	
4.3.24.2. Inspect								-	-	-	-	
4.3.24.3. Install								-	-	-	-	
4.3.25. Fuel Heater Strainer Filter TR: 1C-130H-2-73JG-00-1												
4.3.25.1. Remove	*							-	-	-	-	
4.3.25.2. Inspect	*							-	-	-	-	
4.3.25.3. Install	*							-	-	-	-	
4.3.26. Low Pressure Fuel Filter TR: 1C-130H-2-73JG-00-1												
4.3.26.1. Remove	*							-	-	-	-	
4.3.26.2. Inspect								-	-	-	-	
4.3.26.3. Install	*							-	-	-	-	
4.3.27. High Pressure Fuel Filter TR: 1C-130H-2-73JG-00-1												

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.3.27.1. Remove	*							1a	-	-	-
4.3.27.2. Inspect								-	-	-	-
4.3.27.3. Install	*							1a	-	-	-
4.3.28. Power Section Oil Pump TR: 1C-130H-2-79JG-00-1											
4.3.28.1. Remove								1a	-	-	-
4.3.28.2. Inspect								-	-	-	-
4.3.28.3. Install								1a	-	-	-
4.3.28.4. Adjust								-	-	-	-
4.3.29. Reduction Gearbox Main Oil Pump TR: 1C-130H-2-79JG-00-1											
4.3.29.1. Remove								-	-	-	-
4.3.29.2. Inspect								-	-	-	-
4.3.29.3. Install								-	-	-	-
4.3.29.4. Adjust								-	-	-	-
4.3.30. External Scavenge Oil Pump TR: 1C-130H-2-79JG-00-1											
4.3.30.1. Remove								-	-	-	-
4.3.30.2. Inspect								-	-	-	-
4.3.30.3. Install								-	-	-	-
4.3.31. Turbine Rear Bearing Scavenge Oil Pump TR: 1C-130H-2-79JG-00-1											
4.3.31.1. Remove								1a	-	-	-
4.3.31.2. Inspect								1a	-	-	-
4.3.31.3. Install								1a	-	-	-
4.3.32. Power Section Oil Filter TR: 1C-130H-2-79JG-00-1											
4.3.32.1. Remove	*							1a	-	-	-
4.3.32.2. Disassemble								-	-	-	-
4.3.32.3. Inspect								-	-	-	-
4.3.32.4. Reassemble								-	-	-	-
4.3.32.5. Install	*							1a	-	-	-
4.3.33. Reduction Gearbox Oil Filter TR: 1C-130H-2-79JG-00-1											
4.3.33.1. Remove	*							1a	-	-	-
4.3.33.2. Disassemble								-	-	-	-
4.3.33.3. Inspect								-	-	-	-
4.3.33.4. Reassemble								-	-	-	-
4.3.33.5. Install	*							1a	-	-	-
4.3.34. External Scavenge Oil Filter TR: 1C-130H-2-79JG-00-1											
4.3.34.1. Remove	*							-	-	-	-
4.3.34.2. Inspect								-	-	-	-
4.3.34.3. Install	*							-	-	-	-
4.3.35. Oil Tank TR: 1C-130H-2-79JG-00-1											
4.3.35.1. Remove	*							-	-	-	-
4.3.35.2. Inspect								-	-	-	-
4.3.35.3. Install								-	-	-	-
4.3.35.4. Service	*							-	-	-	-
4.3.36. Oil Cooler TR: 1C-130H-2-79JG-00-1											
4.3.36.1. Remove								-	-	-	-
4.3.36.2. Inspect								-	-	-	-
4.3.36.3. Install	*							-	-	-	-
4.3.37. Oil Cooler Flap Actuator TR: 1C-130H-2-79JG-00-1											
4.3.37.1. Remove	*							1a	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.3.37.2. Inspect								-	-	-	-
4.3.37.3. Install	*							1a	-	-	-
4.3.38. Oil Temperature Control Thermostat TR: 1C-130H-2-79JG-00-1											
4.3.38.1. Remove								-	-	-	-
4.3.38.2. Inspect								-	-	-	-
4.3.38.3. Install								-	-	-	-
4.3.39. Oil Temperature Bulb TR: 1C-130H-2-79JG-00-1											
4.3.39.1. Remove								-	-	-	-
4.3.39.2. Inspect								-	-	-	-
4.3.39.3. Install								-	-	-	-
4.3.40. Oil Cooler Augmentation Pressure Switch TR: 1C-130H-2-79JG-00-1											
4.3.40.1. Remove								-	-	-	-
4.3.40.2. Inspect								-	-	-	-
4.3.40.3. Install								-	-	-	-
4.3.41. Oil Cooler Augmentation Air Valve TR: 1C-130H-2-79JG-00-1											
4.3.41.1. Remove								-	-	-	-
4.3.41.2. Inspect								-	-	-	-
4.3.41.3. Install								-	-	-	-
4.3.42. Oil Tank Shut-Off Valve TR: 1C-130H-2-79JG-00-1											
4.3.42.1. Remove								-	-	-	-
4.3.42.2. Inspect								-	-	-	-
4.3.42.3. Install								-	-	-	-
4.3.43. Oil Pressure Transmitter TR: 1C-130H-2-79JG-00-1											
4.3.43.1. Remove								-	-	-	-
4.3.43.2. Inspect								-	-	-	-
4.3.43.3. Install								-	-	-	-
4.3.43.4. Adjust								-	-	-	-
4.3.44. Oil Quantity Transmitter TR: 1C-130H-2-79JG-00-1											
4.3.44.1. Remove								-	-	-	-
4.3.44.2. Inspect								-	-	-	-
4.3.44.3. Install								-	-	-	-
4.3.45. Ignition Relay TR: 1C-130H-2-80JG-00-1											
4.3.45.1. Remove	*							2b	-	-	-
4.3.45.2. Inspect								-	-	-	-
4.3.45.3. Install	*							2b	-	-	-
4.3.46. Igniter Plugs TR: 1C-130H-2-80JG-00-1											
4.3.46.1. Remove	*							1a	-	-	-
4.3.46.2. Inspect								-	-	-	-
4.3.46.3. Install	*							1a	-	-	-
4.3.47. Ignition Exciter TR: 1C-130H-2-80JG-00-1								-	-	-	-
4.3.47.1. Remove								1a	-	-	-
4.3.47.2. Inspect								-	-	-	-
4.3.47.3. Install								1a	-	-	-
4.3.48. Igniter Leads TR: 1C-130H-2-80JG-00-1											
4.3.48.1. Remove								-	-	-	-
4.3.48.2. Inspect								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.3.48.3. Install								-	-	-	-
4.3.49. Scoop Anti-Icing Air Valve TR: 1C-130H-2-80JG-00-1											
4.3.49.1. Remove								-	-	-	-
4.3.49.2. Inspect								-	-	-	-
4.3.49.3. Install								-	-	-	-
4.3.50. Anti-Icing Solenoid Valve TR: 1C-130H-2-80JG-00-1											
4.3.50.1. Remove								1a	-	-	-
4.3.50.2. Inspect								-	-	-	-
4.3.50.3. Install								1a	-	-	-
4.3.51. Inlet Anti-Icing Air Valve TR: 1C-130H-2-80JG-00-1											
4.3.51.1. Remove								1a	-	-	-
4.3.51.2. Inspect								-	-	-	-
4.3.51.3. Install								1a	-	-	-
4.3.52. Ice Detector TR: 1C-130H-2-71JG-00-2											
4.3.52.1. Remove								-	-	-	-
4.3.52.2. Inspect								-	-	-	-
4.3.52.3. Install								-	-	-	-
4.3.53. Thermocouples TR: 1C-130H-2-73JG-00-2											
4.3.53.1. Remove	*							2b	-	-	-
4.3.53.2. Inspect	*							1a	-	-	-
4.3.53.3. Install	*							2b	-	-	-
4.3.54. Thermocouple Harness TR: 1C-130H-2-73JG-00-2											
4.3.54.1. Remove								1a	-	-	-
4.3.54.2. Inspect								-	-	-	-
4.3.54.3. Install								1a	-	-	-
4.3.55. Thermocouple Harness Terminal (T block) TR: 1C-130H-2-73JG-00-2											
4.3.55.1. Remove	*							1a	-	-	-
4.3.55.2. Inspect								-	-	-	-
4.3.55.3. Install	*							1a	-	-	-
4.3.56. Turbine Thermocouple Cable (Y-Lead) TR: 1C-130H-2-73JG-00-2											
4.3.56.1. Remove								-	-	-	-
4.3.56.2. Inspect								-	-	-	-
4.3.56.3. Install								-	-	-	-
4.3.57. Starter TR: 1C-130H-2-80JG-00-1											
4.3.57.1. Remove	*							2b	-	-	-
4.3.57.2. Inspect								-	-	-	-
4.3.57.3. Install	*							2b	-	-	-
4.3.57.4. Service								a	-	-	-
4.3.58. Starter Pressure Switch TR: 1C-130H-2-80JG-00-1											
4.3.58.1. Remove								-	-	-	-
4.3.58.2. Inspect								-	-	-	-
4.3.58.3. Install								-	-	-	-
4.3.59. Starter Control Valve TR: 1C-130H-2-80JG-00-1											
4.3.59.1. Remove	*							2b	-	-	-
4.3.59.2. Inspect								-	-	-	-
4.3.59.3. Install	*							2b	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.3.60. Speed Sensitive Valve TR: 1C-130H-2-80JG-00-1												
4.3.60.1. Remove								1a	-	-	-	-
4.3.60.2. Inspect								-	-	-	-	-
4.3.60.3. Install								1a	-	-	-	-
4.3.61. Speed Sensitive Valve Air Filter TR: 1C-130H-2-80JG-00-1												
4.3.61.1. Remove								-	-	-	-	-
4.3.61.2. Inspect								-	-	-	-	-
4.3.61.3. Install								-	-	-	-	-
4.3.62. AC Generator TR: 1C-130H-2-80JG-00-1												
4.3.62.1. Remove								-	-	-	-	-
4.3.62.2. Inspect								-	-	-	-	-
4.3.62.3. Install								-	-	-	-	-
4.3.63. Coordinator TR: 1C-130H-2-73JG-00-1												
4.3.63.1. Remove	*							-	-	-	-	-
4.3.63.2. Inspect		*						-	-	-	-	-
4.3.63.3. Install	*							-	-	-	-	-
4.3.64. Hydraulic Pump TR: 1C-130H-2-29JG-00-1-1												
4.3.64.1. Remove								-	-	-	-	-
4.3.64.2. Inspect								-	-	-	-	-
4.3.64.3. Install								-	-	-	-	-
4.3.65. Speed Sensitive Control TR: 1C-130H-2-80JG-00-1												
4.3.65.1. Remove	*							2b	-	-	-	-
4.3.65.2. Inspect								-	-	-	-	-
4.3.65.3. Install	*							2b	-	-	-	-
4.3.66. Tachometer Generator TR: 1C-130H-2-77JG-00-1												
4.3.66.1. Remove								-	-	-	-	-
4.3.66.2. Inspect								-	-	-	-	-
4.3.66.3. Install								-	-	-	-	-
4.3.67. Temperature Datum Amplifier TR: 1C-130H-2-73JG-00-2												
4.3.67.1. Remove	*							1a	-	-	-	-
4.3.67.2. Inspect								-	-	-	-	-
4.3.67.3. Install	*							1a	-	-	-	-
4.3.67.4. Adjust	*							2b	-	-	-	-
4.3.68. Torquemeter Magnetic Pick-up TR: 1C-130H-2-77JG-00-1												
4.3.68.1. Remove								1a	-	-	-	-
4.3.68.2. Inspect								1a	-	-	-	-
4.3.68.3. Install								1a	-	-	-	-
4.3.69. Quick Engine Change (QEC) Kit TR: 1C-130H-2-71JG-00-2												
4.3.69.1. Remove								-	-	-	-	-
4.3.69.2. Inspect								-	-	-	-	-
4.3.69.3. Repair								-	-	-	-	-
4.3.69.4. Install								-	-	-	-	-
4.3.70. Engine Cowling and Access Panels TR: 1-1A-8												
4.3.70.1. Remove								1a	-	-	-	-
4.3.70.2. Inspect								-	-	-	-	-
4.3.70.3. Install								1a	-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.3.71. Engine Mounts TR: 1C-130H-2-71JG-00-1												
4.3.71.1. Remove								-	-	-	-	
4.3.71.2. Disassemble								-	-	-	-	
4.3.71.3. Inspect								-	-	-	-	
4.3.71.4. Assemble								-	-	-	-	
4.3.71.5. Install								-	-	-	-	
4.3.72. Gimble Assembly TR: 1C-130H-2-76JG-00-1												
4.3.72.1. Remove	*							-	-	-	-	
4.3.72.2. Disassemble								-	-	-	-	
4.3.72.3. Inspect		*						-	-	-	-	
4.3.72.4. Assemble								-	-	-	-	
4.3.72.5. Install	*							-	-	-	-	
4.3.73. Engine Relay Box TR: 2J-T56-56												
4.3.73.1. Remove								-	-	-	-	
4.3.73.2. Inspect								-	-	-	-	
4.3.73.3. Install								-	-	-	-	
4.3.73.4. Test								-	-	-	-	
4.3.74. Compressor Bleed Air Valves												
4.3.74.1. Remove								-	-	-	-	
4.3.74.2. Inspect								-	-	-	-	
4.3.74.3. Install								-	-	-	-	
4.3.75. Compressor Bleed Air Collector												
4.3.75.1. Remove								-	-	-	-	
4.3.75.2. Inspect								-	-	-	-	
4.3.75.3. Install								-	-	-	-	
4.4. ENGINE REMOVAL AND INSTALLATION IN AIR FRAME TR: TOs 1-1A-8, 2J-1-24; and TR: 1C-130H-2-71JG-00-2												
4.4.1. Remove	*							1a	-	-	-	
4.4.2. Install	*							1a	-	-	-	
4.4.3. Service Engine								a	-	-	-	
4.4.4. Install Engine on Engine Maintenance Stand								1a	-	-	-	
4.4.5. Remove Engine from Engine Maintenance Stand								1a	-	-	-	
4.4.6. Rig Engine Control Cables/Linkages								-	-	-	-	
4.4.7. No-Load Engine/Wing								-	-	-	-	
4.5. AIRCRAFT INSTALLED ENGINE TESTING TR: 1C-130H-2-71JG-001-; 1C-130H-2-71JG-00-3; 1C-130H-2-77JG-00-1; 11-218												
4.5.1. Perform Pre Operational Checks								-	-	-	-	
4.5.2. Perform Operational Checks of Engine								-	-	-	-	
4.5.3. Adjust Engine Components								-	-	-	-	
4.5.4. Remove Engine Indicators								-	-	-	-	
4.5.5. Install Engine Indicators								-	-	-	-	
4.5.6. Calibrate Torque Indicator								-	-	-	-	
4.5.7. Evaluate Engine Performance								-	-	-	-	
4.5.8. Perform Post- Operational Checks								-	-	-	-	
4.5.9. Observe Safety and Ground Procedures								-	-	-	-	
4.5.10. Propeller Balance								-	-	-	-	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.6. TEST STAND ENGINE TESTING TR: TO 33D4-6-212-61; TR: 1C-130H-2-71JG-00-1												
4.6.1. Perform Pre- Operational Checks								-	-	-	-	
4.6.2. Perform Operational Checks of Engine in Test Stand								-	-	-	-	
4.6.3. Evaluate Engine Performance								-	-	-	-	
4.6.4. Adjust engine components								-	-	-	-	
4.6.5. Perform Post- Operational Checks								-	-	-	-	
4.6.6. Install Engine on Test Stand								-	-	-	-	
4.6.7. Install Turbine Shroud								-	-	-	-	
4.6.8. Remove Engine from Test Stand								-	-	-	-	
4.6.9. Remove Turbine Shroud								-	-	-	-	
4.6.10. Observe Safety and Ground Procedures								-	-	-	-	
4.6.11. Operate Test Stand								-	-	-	-	
4.6.12. Inspect Test Stand								-	-	-	-	
4.6.13. Maintain Test Stand								-	-	-	-	
4.6.14. Propeller Balance								-	-	-	-	
4.6.15. Set Up/Erect Test Stand								-	-	-	-	
4.6.16. Disassemble Test Stand								-	-	-	-	
4.6.17. Troubleshoot Test Stand								-	-	-	-	
4.7. PROPELLER TR: 1C-130H-2-61GS-00-1												
4.7.1. Fundamentals												
4.7.1.1. Constructional Features								A	-	-	B	
4.7.1.2. Operating Principles								A	-	-	B	
4.7.2. Propeller Maintenance TR: 00-20 Series, 1- 1A-8, and Applicable Aircraft and Propeller TOs												
4.7.2.1. Propeller Assembly TR: 1C-130H-2-61JG-10-1												
4.7.2.1.1. Remove	*							2b	-	-	b	
4.7.2.1.2. Inspect		*						1a	-	-	b	
4.7.2.1.3. Install	*							2b	-	-	b	
4.7.2.1.4. Disassemble								-	-	-	-	
4.7.2.1.5. Repair								-	-	-	-	
4.7.2.1.6. Assemble								-	-	-	-	
4.7.2.1.7. Service	*							a	-	-	b	
4.7.2.1.8. Adjust Blade Angles	*							1a	-	-	b	
4.7.2.1.9. Rig Propeller Linkage		*						1a	-	-	b	
4.7.2.1.10. Perform Operational Checks								-	-	-	b	
4.7.2.2. Blade Assembly TR: 1C-130H-2-61JG-10-1; 3H1-18-2												
4.7.2.2.1. Blade Repair(on Equipment)								-	-	-	-	
4.7.2.2.2. Blade Repair (off Equipment)								a	-	-	b	
4.7.2.3. Control Assembly TR: 3H1-18-2												
4.7.2.3.1. Remove								2b	-	-	b	
4.7.2.3.2. Inspect								-	-	-	-	
4.7.2.3.3. Repair								-	-	-	-	
4.7.2.3.4. Test								-	-	-	-	
4.7.2.3.5. Install								2b	-	-	b	
4.7.2.4. Rear Lip Seal TR: 1C-130H-2-61JG-20-1												
4.7.2.4.1. Remove								1a	-	-	-	
4.7.2.4.2. Install								1a	-	-	-	

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	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.7.2.5. Front Cover Seal TR: 1C-130H-2-61JG-20-1												
4.7.2.5.1. Remove								1a	-	-	-	
4.7.2.5.2. Install								1a	-	-	-	
4.7.2.6. Valve Housing Assembly TR: 1C-130H-2-61JG-20-1												
4.7.2.6.1. Remove	*							2b	-	-	b	
4.7.2.6.2. Inspect		*						-	-	-	b	
4.7.2.6.3. Repair								-	-	-	-	
4.7.2.6.4. Test								-	-	-	-	
4.7.2.6.5. Adjust								-	-	-	b	
4.7.2.6.6. Install	*							2b	-	-	b	
4.7.2.7. Propeller Supply and Standby Filter TR: 1C-130H-2-61JG-20-1												
4.7.2.7.1. Remove	*							1a	-	-	-	
4.7.2.7.2. Disassemble	*							-	-	-	a	
4.7.2.7.3. Inspect								-	-	-	-	
4.7.2.7.4. Assemble	*							-	-	-	a	
4.7.2.7.5. Install	*							1a	-	-	-	
4.7.2.8. Hub Mounting Bulkhead TR: 3H1-18-2												
4.7.2.8.1. Remove								-	-	-	-	
4.7.2.8.2. Inspect								-	-	-	-	
4.7.2.8.3. Install								-	-	-	-	
4.7.2.9. Dome TR: 1C-130H-2-61JG-10-1												
4.7.2.9.1. Remove	*							-	-	-	-	
4.7.2.9.2. Inspect								-	-	-	-	
4.7.2.9.3. Install	*							-	-	-	-	
4.7.2.10. Dome Piston Seal TR: 1C-130H-2-61JG-10-1												
4.7.2.10.1. Remove								-	-	-	-	
4.7.2.10.2. Inspect								-	-	-	-	
4.7.2.10.3. Install								-	-	-	-	
4.7.2.11. Low Pitch Stop TR: 1C-130H-2-61JG-10-1												
4.7.2.11.1. Remove								-	-	-	-	
4.7.2.11.2. Inspect								-	-	-	-	
4.7.2.11.3. Install								-	-	-	-	
4.7.2.11.4. Adjust	*							-	-	-	-	
4.7.2.12. Pitchlock Regulator TR: 1C-130H-2-61JG-10-1												
4.7.2.12.1. Remove	*							-	-	-	-	
4.7.2.12.2. Inspect								-	-	-	-	
4.7.2.12.3. Install	*							-	-	-	-	
4.7.2.13. Synchrophaser Unit TR: 1C-130H-2-61JG-20-1												
4.7.2.13.1. Remove								-	-	-	-	
4.7.2.13.2. Inspect								-	-	-	-	
4.7.2.13.3. Install								-	-	-	-	
4.7.2.14. Brush Block TR: 1C-130H-2-61JG-20-1												
4.7.2.14.1. Remove	*							2b	-	-	-	
4.7.2.14.2. Inspect	*							1a	-	-	-	
4.7.2.14.3. Repair								-	-	-	-	
4.7.2.14.4. Test								-	-	-	-	
4.7.2.14.5. Install	*							2b	-	-	-	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
4.7.2.15. Pulse Generator TR: 1C-130H-2-61JG-20-1												
4.7.2.15.1. Remove								-	-	-	-	
4.7.2.15.2. Inspect								-	-	-	-	
4.7.2.15.3. Install								-	-	-	-	
4.7.2.16. Float Switch TR: 1C-130H-2-61JG-20-1												
4.7.2.16.1. Remove								-	-	-	-	
4.7.2.16.2. Inspect								-	-	-	-	
4.7.2.16.3. Install								-	-	-	-	
4.7.2.17. Pressure Cutout Switch TR: 1C-130H-2-61JG-20-1												
4.7.2.17.1. Remove								-	-	-	-	
4.7.2.17.2. Inspect								-	-	-	-	
4.7.2.17.3. Install								-	-	-	-	
4.7.2.18. Pressure Cutout Backup Switch TR: 1C-130H-2-61JG-20-1												
4.7.2.18.1. Remove								-	-	-	-	
4.7.2.18.2. Inspect								-	-	-	-	
4.7.2.18.3. Adjust								-	-	-	-	
4.7.2.18.4. Install								-	-	-	-	
4.7.2.19. Beta Switch TR: 1C-130H-2-61JG-20-1												
4.7.2.19.1. Remove								-	-	-	-	
4.7.2.19.2. Inspect								-	-	-	-	
4.7.2.19.3. Adjust								-	-	-	-	
4.7.2.19.4. Install								-	-	-	-	
4.7.2.20. Negative Torque Signal (NTS) Switch TR: 1C-130H-2-61JG-20-1												
4.7.2.20.1. Remove								-	-	-	-	
4.7.2.20.2. Inspect								-	-	-	-	
4.7.2.20.3. Adjust								-	-	-	-	
4.7.2.20.4. Install								-	-	-	-	
4.7.2.21. Throttle Anticipation Potentiometer TR: 1C-130H-2-61JG-20-1												
4.7.2.21.1. Remove								-	-	-	-	
4.7.2.21.2. Inspect								-	-	-	-	
4.7.2.21.3. Install								-	-	-	-	
4.7.2.22. Auxiliary Pump Motor TR: 1C-130H-2-61JG-20-1												
4.7.2.22.1. Remove								-	-	-	-	
4.7.2.22.2. Inspect								-	-	-	-	
4.7.2.22.3. Install								-	-	-	-	
4.7.2.23. Feather Solenoid TR: 1C-130H-2-61JG-20-1												
4.7.2.23.1. Remove								-	-	-	-	
4.7.2.23.2. Inspect								-	-	-	-	
4.7.2.23.3. Install								-	-	-	-	
4.7.2.24. Deicer Contact Ring Assembly TR: 3H1-18-2												
4.7.2.24.1. Remove								-	-	-	-	
4.7.2.24.2. Inspect	*							-	-	-	-	
4.7.2.24.3. Install								-	-	-	-	
4.7.2.25. After body TR: 1C-130H-2-61JG-10-1												
4.7.2.25.1. Remove	*							-	-	-	-	
4.7.2.25.2. Inspect								-	-	-	-	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.7.2.25.3. Install	*							-	-	-	-
4.7.2.26. Front Spinner TR: 1C-130H-2-61JG-10-1											
4.7.2.26.1. Remove	*							-	-	-	-
4.7.2.26.2. Inspect		*						-	-	-	-
4.7.2.26.3. Repair								-	-	-	-
4.7.2.26.4. Install	*							-	-	-	-
4.7.2.27. Rear Spinner TR: 3H1-18-2											
4.7.2.27.1. Remove								-	-	-	-
4.7.2.27.2. Inspect								-	-	-	-
4.7.2.27.3. Repair								-	-	-	-
4.7.2.27.4. Install								-	-	-	-
4.7.2.28. After body Mounting Bracket TR: 3H1-18-2											
4.7.2.28.1. Remove								-	-	-	-
4.7.2.28.2. Inspect		*						-	-	-	-
4.7.2.28.3. Repair								-	-	-	-
4.7.2.28.4. Install								-	-	-	-
4.7.3. Propeller Maintenance STANDS TR: TR:35D3-3-71-1; TR:35D3-5-8-1											
4.7.3.1. Inspect Prior to Use								-	-	-	a
4.7.3.2. Operate								-	-	-	-
4.7.3.3. Maintain								-	-	-	-
4.7.4. Propeller Transportation Dolly TR: TR:35D3-3-71-1; TR:35D3-5-8-1											
4.7.4.1. Inspect Prior to Use								a	-	-	a
4.7.4.2. Operate								1a	-	-	-
4.7.4.3. Maintain								a	-	-	-
4.8. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101											
4.8.1. Installed Engine Run Certifying Official								-	-	-	-
4.8.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)								-	-	-	-
4.8.3. Aircraft Inlet/Intake/Exhaust Certifying Official								-	-	-	-
4.8.4. Flexible Borescope Certifying Official								-	-	-	-
4.8.5. Engine Blade Blend Certifying Official								-	-	-	-
4.8.6. Red X by Primary AFSC (PAFSC) and MDS								-	-	-	-
4.8.7. IPI by PAFSC and MDS								-	-	-	-
4.8.8. Red-X and/or IPI - Limited								-	-	-	-
4.8.9. Installed Engine Run by MDS								-	-	-	-
4.8.10. Engine Blade Blending								-	-	-	-
4.8.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS								-	-	-	-
4.8.12. Uninstalled Engine Run Certifying Official/ETS by TMS								-	-	-	-
4.8.13. Aircraft Inlet/Intake/Exhaust Certification								-	-	-	-
4.8.14. Engine Flexible Borescope Inspections								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
4.8.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator								-	-	-	-
4.8.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator								-	-	-	-
4.8.17. Aircraft APU/GTC/APP Run Certifying Official								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
ATTACHMENT 5												
NOTE 1: These items are T700 system-specific tasks.												
NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.												
NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available												
5.1.	ENGINE AND RELATED SYSTEMS TR: Applicable Engine TOs											
5.1.1.	Operational Fundamentals								A	-	-	B
5.1.2.	Constructional Features								A	-	-	B
5.2.	PRINCIPLES OF ENGINE SYSTEM OPERATION TR: 2J-T700-16-CD-1											
5.2.1.	Mechanical Engine Controls (LDS/PAS)								-	-	-	B
5.2.2.	Starter								-	-	-	B
5.2.3.	Ignition								-	-	-	B
5.2.4.	Oil								-	-	-	B
5.2.5.	Fuel								-	-	-	B
5.2.6.	Bleed Air/Anti-Ice								-	-	-	B
5.2.7.	Variable Guide Vane Actuators and Linkage Systems								-	-	-	B
5.2.8.	Electrical								-	-	-	B
5.3.	TROUBLESHOOT SYSTEMS AND COMPONENTS TR: 2J-T700-16-CD-1											
5.3.1.	Mechanical Engine Controls (LDS/PAS)								-	-	-	-
5.3.2.	Starter			*					-	-	-	b
5.3.3.	Ignition			*					-	-	-	b
5.3.4.	Oil								-	-	-	-
5.3.5.	Fuel								-	-	-	-
5.3.6.	Bleed Air/Anti-Ice			*					-	-	-	b
5.3.7.	Variable Guide Vane Actuators and Linkage Systems								-	-	-	-
5.3.8.	Electrical								-	-	-	-
5.4.	ENGINE AND RELATED SYSTEMS TR: 2J-T700-16-CD-1											
5.4.1.	Engine Plumbing											
5.4.1.1.	Remove		*						-	-	-	-
5.4.1.2.	Inspect			*					-	-	-	-
5.4.1.3.	Install		*						-	-	-	-
5.4.2.	Power Turbine Module											
5.4.2.1.	Remove		*						-	-	-	-
5.4.2.2.	Inspect			*					-	-	-	-
5.4.2.3.	Install		*						-	-	-	-
5.4.3.	Accessory Gearbox Module											
5.4.3.1.	Remove		*						-	-	-	-
5.4.3.2.	Inspect			*					-	-	-	-
5.4.3.3.	Install		*						-	-	-	-
5.4.4.	Cold Section Module											
5.4.4.1.	Remove		*						-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
5.4.4.2. Inspect		*						-	-	-	-
5.4.4.3. Repair (Blend)								-	-	-	-
5.4.4.4. Install	*							-	-	-	-
5.4.5. Gas Generator Rotor Assembly											
5.4.5.1. Remove	*							-	-	-	-
5.4.5.2. Clean / Flush								-	-	-	-
5.4.5.3. Inspect		*						-	-	-	-
5.4.5.4. Install	*							-	-	-	-
5.4.6. Combustion Liner											
5.4.6.1. Remove	*							-	-	-	-
5.4.6.2. Clean								-	-	-	-
5.4.6.3. Inspect		*						-	-	-	-
5.4.6.4. Install	*							-	-	-	-
5.4.7. 1st Stage Nozzle											
5.4.7.1. Remove	*							-	-	-	-
5.4.7.2. Clean								-	-	-	-
5.4.7.3. Inspect		*						-	-	-	-
5.4.7.4. Install	*							-	-	-	-
5.4.8. Outer Balance Piston Seal (OBP)											
5.4.8.1. Remove								-	-	-	-
5.4.8.2. Inspect								-	-	-	-
5.4.8.3. Install								-	-	-	-
5.4.9. Engine Air Inlet Particle Separator											
5.4.9.1. Remove	*							-	-	-	-
5.4.9.2. Inspect		*						-	-	-	-
5.4.9.3. Install	*							-	-	-	-
5.4.10. History Recorder											
5.4.10.1. Remove	*							-	-	-	-
5.4.10.2. Inspect		*						-	-	-	-
5.4.10.3. Install	*							-	-	-	-
5.4.11. Over-Speed Drain Valve (ODV)											
5.4.11.1. Remove	*							-	-	-	-
5.4.11.2. Inspect		*						-	-	-	-
5.4.11.3. Install	*							-	-	-	-
5.4.12. Swirl frame											
5.4.12.1. Remove								-	-	-	-
5.4.12.2. Inspect								-	-	-	-
5.4.12.3. Install								-	-	-	-
5.4.13. Variable Guide Vane Linkage Systems											
5.4.13.1. Remove								-	-	-	-
5.4.13.2. Inspect								-	-	-	-
5.4.13.3. Install								-	-	-	-
5.4.14. Digital Electric Control Unit (DEC)											
5.4.14.1. Remove	*							-	-	-	-
5.4.14.2. Inspect		*						-	-	-	-
5.4.14.3. Install	*							-	-	-	-
5.4.15. Chip Detector											
5.4.15.1. Remove	*							-	-	-	-
5.4.15.2. Inspect		*						-	-	-	-
5.4.15.3. Install	*							-	-	-	-
5.4.16. Np and Tq Over Speed Sensor											
5.4.16.1. Remove								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
5.4.16.2. Inspect								-	-	-	-
5.4.16.3. Install								-	-	-	-
5.4.17. Starter											
5.4.17.1. Remove	*							-	-	-	-
5.4.17.2. Inspect		*						-	-	-	-
5.4.17.3. Install	*							-	-	-	-
5.4.17.4. Service	*										
5.4.18. Hydro Mechanical Unit (HMU)											
5.4.18.1. Remove	*							-	-	-	-
5.4.18.2. Inspect		*						-	-	-	-
5.4.18.3. Install	*							-	-	-	-
5.4.19. Fuel Pump											
5.4.19.1. Remove								-	-	-	-
5.4.19.2. Inspect								-	-	-	-
5.4.19.3. Install								-	-	-	-
5.4.20. Igniter Plug											
5.4.20.1. Remove	*							-	-	-	-
5.4.20.2. Inspect		*						-	-	-	-
5.4.20.3. Install	*							-	-	-	-
5.4.21. Anti-Ice/Start Bleed Valve											
5.4.21.1. Remove	*							-	-	-	-
5.4.21.2. Inspect		*						-	-	-	-
5.4.21.3. Install	*							-	-	-	-
5.4.22. Ignition Exciter											
5.4.22.1. Remove								-	-	-	-
5.4.22.2. Inspect								-	-	-	-
5.4.22.3. Install								-	-	-	-
5.4.23. Oil Pump											
5.4.23.1. Remove								-	-	-	-
5.4.23.2. Inspect								-	-	-	-
5.4.23.3. Install								-	-	-	-
5.4.24. Fuel Injectors											
5.4.24.1. Remove								-	-	-	-
5.4.24.2. Clean								-	-	-	-
5.4.24.3. Inspect								-	-	-	-
5.4.24.4. Install								-	-	-	-
5.4.25. Starter Dropout Switch											
5.4.25.1. Remove								-	-	-	-
5.4.25.2. Inspect								-	-	-	-
5.4.25.3. Install								-	-	-	-
5.4.26. Alternator											
5.4.26.1. Remove								-	-	-	-
5.4.26.2. Inspect								-	-	-	-
5.4.26.3. Install								-	-	-	-
5.4.27. White Harness											
5.4.27.1. Remove	*							-	-	-	-
5.4.27.2. Inspect		*						-	-	-	-
5.4.27.3. Install	*							-	-	-	-
5.4.28. Yellow Harness											
5.4.28.1. Remove	*							-	-	-	-
5.4.28.2. Inspect		*						-	-	-	-
5.4.28.3. Install	*							-	-	-	-
5.4.29. Blue Harness											

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
5.4.29.1. Remove	*							-	-	-	-
5.4.29.2. Inspect		*						-	-	-	-
5.4.29.3. Install	*							-	-	-	-
5.4.30. Green Harness											
5.4.30.1. Remove	*							-	-	-	-
5.4.30.2. Inspect		*						-	-	-	-
5.4.30.3. Install	*							-	-	-	-
5.4.31. Output Shaft and Support Tube											
5.4.31.1. Remove	*							-	-	-	-
5.4.31.2. Inspect		*						-	-	-	-
5.4.31.3. Install	*							-	-	-	-
5.4.31.4. Balance											
5.4.32. Load Demand Spindle (LDS)											
5.4.32.1. Remove								-	-	-	-
5.4.32.2. Inspect								-	-	-	-
5.4.32.3. Install								-	-	-	-
5.4.32.4. Rig								-	-	-	-
5.4.33. Power Available Spindle (PAS)											
5.4.33.1. Remove								-	-	-	-
5.4.33.2. Inspect								-	-	-	-
5.4.33.3. Install								-	-	-	-
5.4.33.4. Rig								-	-	-	-
5.4.34. Axis B Carbon Seal Kit											
5.4.34.1. Remove								-	-	-	-
5.4.34.2. Inspect								-	-	-	-
5.4.34.3. Install								-	-	-	-
5.4.35. Axis E Carbon Seal Kit											
5.4.35.1. Remove								-	-	-	-
5.4.35.2. Inspect								-	-	-	-
5.4.35.3. Install								-	-	-	-
5.4.36. Axis G Carbon Seal Kit											
5.4.36.1. Remove								-	-	-	-
5.4.36.2. Inspect								-	-	-	-
5.4.36.3. Install								-	-	-	-
5.4.37. #1 Carbon Bearing Seal											
5.4.37.1. Remove								-	-	-	-
5.4.37.2. Inspect								-	-	-	-
5.4.37.3. Install								-	-	-	-
5.4.38. Oil Scavenge Screens											
5.4.38.1. Remove								-	-	-	-
5.4.38.2. Inspect								-	-	-	-
5.4.38.3. Install								-	-	-	-
5.4.39. B-Sump Check Valve											
5.4.39.1. Remove								-	-	-	-
5.4.39.2. Inspect								-	-	-	-
5.4.39.3. Install								-	-	-	-
5.4.40. Axis A Radial Drive Shaft and Covers											
5.4.40.1. Remove								-	-	-	-
5.4.40.2. Inspect								-	-	-	-
5.4.40.3. Install								-	-	-	-
5.4.41. C-Sump Heat Shield and Cover											
5.4.41.1. Remove								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
5.4.41.2. Inspect								-	-	-	-
5.4.41.3. Install								-	-	-	-
5.4.42. Compressor Case RH Side											
5.4.42.1. Remove								-	-	-	-
5.4.42.2. Inspect								-	-	-	-
5.4.42.3. Install								-	-	-	-
5.5. ENGINE REMOVAL and INSTALLATION on AIRFRAME TR: 1H-60(H)G-2-3											
5.5.1. Remove	*							-	-	-	-
5.5.2. Install	*							-	-	-	-
5.5.3. Service	*							-	-	-	-
5.6. TEST STAND ENGINE TR: TM1-4920-443-10											
5.6.1. Remove								-	-	-	-
5.6.2. Inspect								-	-	-	-
5.6.3. Install								-	-	-	-
5.7. TEST STAND ENGINE TESTING TR: 2J-T700-16-CD-1											
5.7.1. Perform Pre Operational Checks								-	-	-	-
5.7.2. Know and Apply Emergency Procedures								-	-	-	-
5.7.3. Inspect and Operate Fire Extinguishers								-	-	-	-
5.7.4. Perform Operational Checks of Engine in Test Stand								-	-	-	-
5.7.5. Evaluate Engine Performance								-	-	-	-
5.7.6. Perform Post Operational Checks								-	-	-	-
5.7.7. Observe Safety and Ground Procedures								-	-	-	-
5.7.8. Operate, Inspect and Maintain Test Stand								-	-	-	-
5.8. INSTALLED T700 ENGINE TESTING TR: 2J-T700-16-CD-1											
5.8.1. Perform Pre Operational Checks								-	-	-	-
5.8.2. Know and Apply Emergency Procedures								-	-	-	-
5.8.3. Inspect and Operate Fire Extinguisher								-	-	-	-
5.8.4. Perform Operational Checks								-	-	-	-
5.8.5. Evaluate Engine Performance								-	-	-	-
5.8.6. Perform Post Operational Checks								-	-	-	-
5.8.7. Observe Safety and Ground Procedures								-	-	-	-
5.8.8. Operate S-39 Tester	*							-	-	-	-
5.8.9. Operate Engine											
5.8.10. Wash/Rinse Hot Section											
5.8.11. Wash/Rinse Cold Section											
5.9. TRANSPORTATION EQUIPMENT											
5.9.1. Inspect Prior to Use	*							-	-	-	a
5.9.2. Operate								-	-	-	-
5.9.3. Maintain								-	-	-	-
5.10. SPECIAL INSPECTIONS											
5.10.1. Intake and Exhaust								-	-	-	-
5.10.2. 50 HR (Engine and APU)								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
5.10.3. 300 HR (Engine and APU)									-	-	-	-
5.10.4. 600 HR Phase									-	-	-	-
5.11. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101												
5.11.1. Installed Engine Run Certifying Official									-	-	-	-
5.11.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)									-	-	-	-
5.11.3. Aircraft Inlet/Intake/Exhaust Certifying Official									-	-	-	-
5.11.4. Flexible Borescope Certifying Official									-	-	-	-
5.11.5. Engine Blade Blend Certifying Official									-	-	-	-
5.11.6. Red X by Primary AFSC (PAFSC) and MDS									-	-	-	-
5.11.7. IPI by PAFSC and MDS									-	-	-	-
5.11.8. Red-X and/or IPI - Limited									-	-	-	-
5.11.9. Installed Engine Run by MDS									-	-	-	-
5.11.10. Engine Blade Blending									-	-	-	-
5.11.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS									-	-	-	-
5.11.12. Uninstalled Engine Run Certifying Official/ETS by TMS									-	-	-	-
5.11.13. Aircraft Inlet/Intake/Exhaust Certification									-	-	-	-
5.11.14. Engine Flexible Borescope Inspections									-	-	-	-
5.11.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator									-	-	-	-
5.11.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator									-	-	-	-
5.11.17. Aircraft APU/GTC/APP Run Certifying Official									-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
ATTACHMENT 6:												
NOTE 1: This attachment is for the AE2100D engine (C130J model aircraft).												
NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.												
NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available.												
6.1.	OPERATE TEST EQUIPMENT TR: TO 1C-130J-2-72JG-00-1; 31S5-4-2834-1											
6.1.1.	Engine Electronic Turning Tool								-	-	-	-
6.1.2.	Data Transfer and Diagnostic System (DTADS)		*						A	-	-	b
6.2.	AIRCRAFT RELATED SYSTEMS TR: TO 1C-130J-2-46GS-00-1; 1C-130J-2-31GS-00-1; 1C-130J-2-48GS-00-1											
6.2.1.	Avionics Management Unit (AMU)								A	-	-	-
6.2.1.1.	Operate Avionics Management Unit (AMU)		*						-	-	-	b
6.2.2.	Dual Slotted Data Transfer System (DSDTS)								-	-	-	A
6.2.3.	Communication/ Navigation/ Identification Management unit (CNI-MU)								A	-	-	B
6.3.	ENGINE AND RELATED SYSTEMS TR: 1C-130J-2-70GS-00-1											
6.3.1.	Constructional Features								B	-	-	B
6.3.2.	Principles of Engine Systems Operation TR: 1C-130J-2-70GS-00-1											
6.3.2.1.	Starter								A	-	-	B
6.3.2.2.	Ignition								A	-	-	B
6.3.2.3.	Oil								A	-	-	B
6.3.2.4.	Fuel								A	-	-	B
6.3.2.5.	Bleed Air								A	-	-	B
6.3.2.6.	Anti-Ice								A	-	-	B
6.3.2.7.	Fire Warning								-	-	-	-
6.3.2.8.	Overheat Warning								-	-	-	-
6.3.2.9.	Indicating								A	-	-	B
6.3.2.10.	Oil Cooler Augmentation								-	-	-	-
6.3.2.11.	Exhaust								-	-	-	-
6.3.2.12.	Variable Inlet Guide Vane Actuators and Linkage Systems								A	-	-	B
6.3.3.	Troubleshoot Systems and Components TR: 1C-130J-2-71FI-00-1											
6.3.3.1.	Starter								-	-	-	b
6.3.3.2.	Ignition								-	-	-	b
6.3.3.3.	Oil								-	-	-	b
6.3.3.4.	Fuel								-	-	-	b
6.3.3.5.	Bleed Air								-	-	-	b
6.3.3.6.	Anti-Icing								-	-	-	b
6.3.3.7.	Fire Warning								-	-	-	-
6.3.3.8.	Overheat Warning								-	-	-	-
6.3.3.9.	Indicating								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
6.3.3.10. Oil Cooler Augmentation								-	-	-	-
6.3.3.11. Exhaust								-	-	-	-
6.3.3.12. Variable Inlet Guide Vanes								-	-	-	-
6.4. ENGINE MAINTENANCE											
6.4.1. Engine Cowling and Access Panels TR: 1C-130J-2-00GV-00-1											
6.4.1.1. Remove								-	-	-	-
6.4.1.2. Inspect								-	-	-	-
6.4.1.3. Install								-	-	-	-
6.4.2. Engine Mounts TR: 1C-130J-2-71JG-00-2											
6.4.2.1. Remove								-	-	-	-
6.4.2.2. Inspect								-	-	-	-
6.4.2.3. Install								-	-	-	-
6.4.3. Engine Plumbing TR 1-1A-8, 42E1-1-1											
6.4.3.1. Remove								-	-	-	-
6.4.3.2. Inspect								-	-	-	-
6.4.3.3. Install								-	-	-	-
6.4.4. Inspect Section/ Module TR 1C-130J-2-72JG-00-1											
6.4.4.1. Inspect Turbine Section		*						-	-	-	-
6.4.4.2. Inspect Combustion Section		*						-	-	-	-
6.4.4.3. Inspect Compressor Module		*						-	-	-	-
6.4.4.4. Inspect Propeller Gearbox		*						-	-	-	-
6.4.5. Fuel Nozzles TR 1C-130J-2-73JG-00-1											
6.4.5.1. Remove								-	-	-	-
6.4.5.2. Inspect		*						-	-	-	-
6.4.5.3. Install								-	-	-	-
6.4.6. Starter TR 1C-130J-2-80JG-00-1											
6.4.6.1. Remove	*							-	-	-	-
6.4.6.2. Inspect		*						-	-	-	-
6.4.6.3. Install	*							-	-	-	-
6.4.6.4. Service								-	-	-	-
6.4.7. Starter Control Valve TR 1C-130J-2-80JG-00-1											
6.4.7.1. Remove	*							-	-	-	-
6.4.7.2. Inspect								-	-	-	-
6.4.7.3. Install	*							-	-	-	-
6.4.8. Permanent Magnetic Alternator Stator TR 1C-130J-2-74JG-00-1											
6.4.8.1. Remove								-	-	-	-
6.4.8.2. Inspect								-	-	-	-
6.4.8.3. Install								-	-	-	-
6.4.9. Exciter TR 1C-130J-2-74JG-00-1											
6.4.9.1. Remove								-	-	-	-
6.4.9.2. Inspect								-	-	-	-
6.4.9.3. Install								-	-	-	-
6.4.10. Igniter Lead TR 1C-130J-2-74JG-00-1											
6.4.10.1. Remove								-	-	-	-
6.4.10.2. Inspect								-	-	-	-
6.4.10.3. Install								-	-	-	-
6.4.11. Igniter TR 1C-130J-2-74JG-00-1											
6.4.11.1. Remove								-	-	-	-

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.4.11.2. Inspect									-	-	-	-
6.4.11.3. Install									-	-	-	-
6.4.12. Oil Tank TR 1C-130J-2-79JG-00-1												
6.4.12.1. Remove									-	-	-	-
6.4.12.2. Inspect									-	-	-	-
6.4.12.3. Install									-	-	-	-
6.4.12.4. Service	*								-	-	-	-
6.4.13. Oil Tank Pressurizing Valve TR 1C-130J-2-79JG-00-1												
6.4.13.1. Remove									-	-	-	-
6.4.13.2. Inspect									-	-	-	-
6.4.13.3. Install									-	-	-	-
6.4.14. Oil Tank Sump Shutoff Valve TR 1C-130J-2-79JG-00-1												
6.4.14.1. Remove									-	-	-	-
6.4.14.2. Inspect									-	-	-	-
6.4.14.3. Install									-	-	-	-
6.4.15. Power Unit Accessory Drive Lube and Scavenge Pump TR 1C-130J-2-79JG-00-1												
6.4.15.1. Remove									-	-	-	-
6.4.15.2. Inspect									-	-	-	-
6.4.15.3. Install									-	-	-	-
6.4.16. Propeller Gearbox Lube and Scavenge Pump TR 1C-130J-2-79JG-00-1												
6.4.16.1. Remove									-	-	-	-
6.4.16.2. Inspect									-	-	-	-
6.4.16.3. Install									-	-	-	-
6.4.16.4. Adjust									-	-	-	-
6.4.17. Air/Oil Separator TR 1C-130J-2-79JG-00-1												
6.4.17.1. Remove									-	-	-	-
6.4.17.2. Inspect									-	-	-	-
6.4.17.3. Install									-	-	-	-
6.4.18. Engine Pressure and Scavenge Oil Filter Unit TR 1C-130J-2-79JG-00-1												
6.4.18.1. Remove									-	-	-	-
6.4.18.2. Inspect									-	-	-	-
6.4.18.3. Install									-	-	-	-
6.4.19. Air Cooled Oil Cooler TR 1C-130J-2-79JG-00-1												
6.4.19.1. Remove									-	-	-	-
6.4.19.2. Inspect									-	-	-	-
6.4.19.3. Install									-	-	-	-
6.4.20. Oil Cooler Flap Actuator TR 1C-130J-2-79JG-00-1												
6.4.20.1. Remove	*								-	-	-	-
6.4.20.2. Inspect									-	-	-	-
6.4.20.3. Install	*								-	-	-	-
6.4.21. Power Section Pressure Oil Filter TR 1C-130J-2-79JG-00-1												
6.4.21.1. Remove	*								-	-	-	-
6.4.21.2. Inspect									-	-	-	-
6.4.21.3. Install	*								-	-	-	-

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	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.4.22. Propeller Gearbox Lube and Scavenge Oil Filter TR 1C-130J-2-79JG-00-1												
6.4.22.1. Remove	*							-	-	-	-	
6.4.22.2. Inspect								-	-	-	-	
6.4.22.3. Install	*							-	-	-	-	
6.4.23. Power Section Scavenge Oil filter TR 1C-130J-2-79JG-00-1												
6.4.23.1. Remove	*							-	-	-	-	
6.4.23.2. Inspect								-	-	-	-	
6.4.23.3. Install	*							-	-	-	-	
6.4.24. Oil Tank Quantity Probe TR 1C-130J-2-79JG-00-1												
6.4.24.1. Remove								-	-	-	-	
6.4.24.2. Inspect								-	-	-	-	
6.4.24.3. Install								-	-	-	-	
6.4.25. Oil Tank Temperature Bulb TR 1C-130J-2-79JG-00-1												
6.4.25.1. Remove								-	-	-	-	
6.4.25.2. Inspect								-	-	-	-	
6.4.25.3. Install								-	-	-	-	
6.4.26. Air Cooled Oil Cooler Temperature Bulb TR 1C-130J-2-79JG-00-1												
6.4.26.1. Remove								-	-	-	-	
6.4.26.2. Inspect								-	-	-	-	
6.4.26.3. Install								-	-	-	-	
6.4.27. Power Section Oil Pressure Sensor TR 1C-130J-2-79JG-00-1												
6.4.27.1. Remove	*							-	-	-	-	
6.4.27.2. Inspect								-	-	-	-	
6.4.27.3. Install	*							-	-	-	-	
6.4.28. Power Section Low Oil Pressure Switch TR 1C-130J-2-79JG-00-1												
6.4.28.1. Remove	*							-	-	-	-	
6.4.28.2. Inspect								-	-	-	-	
6.4.28.3. Install	*							-	-	-	-	
6.4.29. Propeller Gearbox Oil Pressure Sensor TR 1C-130J-2-79JG-00-1												
6.4.29.1. Remove	*							-	-	-	-	
6.4.29.2. Inspect								-	-	-	-	
6.4.29.3. Install	*							-	-	-	-	
6.4.30. Propeller Gearbox Low Oil Pressure Switch TR 1C-130J-2-79JG-00-1												
6.4.30.1. Remove	*							-	-	-	-	
6.4.30.2. Inspect								-	-	-	-	
6.4.30.3. Install	*							-	-	-	-	
6.4.31. Power Section Scavenge Filter Electrical Impending Bypass Indicator TR 1C-130J-2-79JG-00-1												
6.4.31.1. Remove								-	-	-	-	
6.4.31.2. Inspect								-	-	-	-	
6.4.31.3. Install								-	-	-	-	
6.4.32. Power Section Pressure Filter Electrical Impending Bypass Indicator TR 1C-130J-2-79JG-00-1												
6.4.32.1. Remove								-	-	-	-	
6.4.32.2. Inspect								-	-	-	-	

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.4.32.3. Install												
6.4.33. Propeller Gearbox Pressure Filter Impending Bypass Valve TR 1C-130J-2-79JG-00-1												
6.4.33.1. Remove												
6.4.33.2. Inspect												
6.4.33.3. Install												
6.4.34. Propeller Gearbox Chip Detector TR 1C-130J-2-79JG-00-1												
6.4.34.1. Remove	*											
6.4.34.2. Inspect	*											
6.4.34.3. Install	*											
6.4.35. Gearbox Mounted Accessory Drive Chip Detector TR 1C-130J-2-79JG-00-1												
6.4.35.1. Remove	*											
6.4.35.2. Inspect	*											
6.4.35.3. Install	*											
6.4.36. Power Section Chip Detector TR 1C-130J-2-79JG-00-1												
6.4.36.1. Remove	*											
6.4.36.2. Inspect	*											
6.4.36.3. Install	*											
6.4.37. Fuel Pump Metering Unit TR 1C-130J-2-73JG-00-1												
6.4.37.1. Remove												
6.4.37.2. Inspect												
6.4.37.3. Install												
6.4.38. Fuel Cooled Oil Cooler TR 1C-130J-2-79JG-00-1												
6.4.38.1. Remove												
6.4.38.2. Inspect												
6.4.38.3. Install												
6.4.39. Fuel Manifold TR 1C-130J-2-73JG-00-1												
6.4.39.1. Remove												
6.4.39.2. Inspect												
6.4.39.3. Install												
6.4.40. Fuel Filter TR 1C-130J-2-73JG-00-1												
6.4.40.1. Remove	*											
6.4.40.2. Inspect												
6.4.40.3. Install	*											
6.4.41. Full Authority Digital Electronic Control (FADEC) TR 1C-130J-2-73JG-00-1												
6.4.41.1. Remove	*											
6.4.41.2. Inspect		*										
6.4.41.3. Install	*											
6.4.41.4. Static Calibration	*											
6.4.41.5. Dynamic Calibration	*											
6.4.42. FADEC Harness TR 1C-130J-2-73JG-00-1												
6.4.42.1. Remove												
6.4.42.2. Inspect												
6.4.42.3. Install												

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.4.43. Fuel Mass Flow Sensor TR 1C-130J-2-73JG-00-1												
6.4.43.1. Remove								-	-	-	-	
6.4.43.2. Inspect								-	-	-	-	
6.4.43.3. Install								-	-	-	-	
6.4.44. Fuel Filter Impending Bypass Indicator TR 1C-130J-2-73JG-00-1												
6.4.44.1. Remove								-	-	-	-	
6.4.44.2. Inspect								-	-	-	-	
6.4.44.3. Install								-	-	-	-	
6.4.45. Fuel Temperature Switch TR 1C-130J-2-73JG-00-1												
6.4.45.1. Remove								-	-	-	-	
6.4.45.2. Inspect								-	-	-	-	
6.4.45.3. Install								-	-	-	-	
6.4.46. Bleed Air Valve TR 1C-130J-2-75JG-00-1												
6.4.46.1. Remove	*							-	-	-	-	
6.4.46.2. Inspect								-	-	-	-	
6.4.46.3. Install	*							-	-	-	-	
6.4.47. Compressor Acceleration Bleed Control Valve TR 1C-130J-2-75JG-00-1												
6.4.47.1. Remove	*							-	-	-	-	
6.4.47.2. Inspect								-	-	-	-	
6.4.47.3. Install	*							-	-	-	-	
6.4.48. Augmenter Valve TR 1C-130J-2-75JG-00-1												
6.4.48.1. Remove	*							-	-	-	-	
6.4.48.2. Inspect								-	-	-	-	
6.4.48.3. Install	*							-	-	-	-	
6.4.49. Pneumatic Controller TR 1C-130J-2-36JG-00-1												
6.4.49.1. Remove	*							-	-	-	-	
6.4.49.2. Inspect								-	-	-	-	
6.4.49.3. Install	*							-	-	-	-	
6.4.50. Mix-Muff TR 1C-130J-2-36JG-00-1												
6.4.50.1. Remove								-	-	-	-	
6.4.50.2. Inspect								-	-	-	-	
6.4.50.3. Install								-	-	-	-	
6.4.51. Compressor Inlet Temperature Sensor TR 1C-130J-2-75JG-00-1												
6.4.51.1. Remove	*							-	-	-	-	
6.4.51.2. Inspect								-	-	-	-	
6.4.51.3. Install	*							-	-	-	-	
6.4.52. Compressor Inlet Pressure Sensor TR 1C-130J-2-75JG-00-1												
6.4.52.1. Remove	*							-	-	-	-	
6.4.52.2. Inspect								-	-	-	-	
6.4.52.3. Install	*							-	-	-	-	
6.4.53. Compressor Discharge Temperature Sensor TR 1C-130J-2-75JG-00-1												
6.4.53.1. Remove								-	-	-	-	
6.4.53.2. Inspect								-	-	-	-	
6.4.53.3. Install								-	-	-	-	
6.4.54. Compressor Discharge Pressure Sensor TR 1C-130J-2-75JG-00-1												

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
6.4.54.1. Remove								-	-	-	-
6.4.54.2. Inspect								-	-	-	-
6.4.54.3. Install								-	-	-	-
6.4.55. Nacelle Ambient Pressure Sensor TR 1C-130J-2-75JG-00-1											
6.4.55.1. Remove								-	-	-	-
6.4.55.2. Inspect								-	-	-	-
6.4.55.3. Install								-	-	-	-
6.4.56. Anti-Icing Air Valve TR 1C-130J-2-75JG-00-1											
6.4.56.1. Remove	*							-	-	-	-
6.4.56.2. Inspect								-	-	-	-
6.4.56.3. Install	*							-	-	-	-
6.4.57. Torque Meter Pickup TR 1C-130J-2-77JG-00-1											
6.4.57.1. Remove								-	-	-	-
6.4.57.2. Inspect								-	-	-	-
6.4.57.3. Install								-	-	-	-
6.4.58. Gas Generator Speed Sensor TR 1C-130J-2-77JG-00-1											
6.4.58.1. Remove								-	-	-	-
6.4.58.2. Inspect								-	-	-	-
6.4.58.3. Install								-	-	-	-
6.4.59. Power Turbine Speed Sensor TR 1C-130J-2-77JG-00-1											
6.4.59.1. Remove								-	-	-	-
6.4.59.2. Inspect								-	-	-	-
6.4.59.3. Install								-	-	-	-
6.4.60. Power Turbine Speed Sensor Harness TR 1C-130J-2-77JG-00-1											
6.4.60.1. Remove								-	-	-	-
6.4.60.2. Inspect								-	-	-	-
6.4.60.3. Install								-	-	-	-
6.4.61. Thermocouple TR 1C-130J-2-77JG-00-1											
6.4.61.1. Remove								-	-	-	-
6.4.61.2. Inspect								-	-	-	-
6.4.61.3. Install								-	-	-	-
6.4.62. Thermocouple Harness TR 1C-130J-2-77JG-00-1											
6.4.62.1. Remove								-	-	-	-
6.4.62.2. Inspect								-	-	-	-
6.4.62.3. Install								-	-	-	-
6.4.63. Propeller Gearbox Vibration Sensor TR 1C-130J-2-77JG-00-1											
6.4.63.1. Remove	*							-	-	-	-
6.4.63.2. Inspect								-	-	-	-
6.4.63.3. Install	*							-	-	-	-
6.4.64. Compressor Vibration Sensor TR 1C-130J-2-77JG-00-1											
6.4.64.1. Remove								-	-	-	-
6.4.64.2. Inspect								-	-	-	-
6.4.64.3. Install								-	-	-	-
6.4.65. Turbine Vibration Sensor TR 1C-130J-2-77JG-00-1											
6.4.65.1. Remove								-	-	-	-
6.4.65.2. Inspect								-	-	-	-

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1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
6.4.65.3. Install								-	-	-	-
6.4.66. Nacelle Interface Unit (NIU) TR 1C-130J-2-77JG-00-1											
6.4.66.1. Remove	*							-	-	-	-
6.4.66.2. Inspect								-	-	-	-
6.4.66.3. Install	*							-	-	-	-
6.4.66.4. Upload Engine Data	*							-	-	-	-
6.4.67. Engine Monitoring System Harness TR 1C-130J-2-77JG-00-1											
6.4.67.1. Remove								-	-	-	-
6.4.67.2. Inspect								-	-	-	-
6.4.67.3. Install								-	-	-	-
6.4.68. Air Oil Cooler Augmentation Valve Tr 1c-130j-2-75jg-00-1											
6.4.68.1. Remove								-	-	-	-
6.4.68.2. Inspect								-	-	-	-
6.4.68.3. Install								-	-	-	-
6.4.69. Air Oil Cooler Augmentation Pressure Switch TR 1C-130J-2-75JG-00-1											
6.4.69.1. Remove								-	-	-	-
6.4.69.2. Inspect								-	-	-	-
6.4.69.3. Install								-	-	-	-
6.4.70. Exhaust Nozzle TR 1C-130J-2-78JG-00-1											
6.4.70.1. Remove	*							-	-	-	-
6.4.70.2. Inspect								-	-	-	-
6.4.70.3. Install	*							-	-	-	-
6.4.71. Tailpipe Ejector TR 1C-130J-2-78JG-00-1											
6.4.71.1. Remove								-	-	-	-
6.4.71.2. Inspect								-	-	-	-
6.4.71.3. Install								-	-	-	-
6.4.72. Compressor Variable Guide Vane Actuator TR 1C-130J-2-75JG-00-1											
6.4.72.1. Remove								-	-	-	-
6.4.72.2. Inspect								-	-	-	-
6.4.72.3. Install								-	-	-	-
6.5. ENGINE REMOVAL AND INSTALLATION IN AIRFRAME TR 1C-130J-2-71JG-00-2											
6.5.1. Remove	*							-	-	-	-
6.5.2. Install	*							-	-	-	-
6.6. ENGINE TRANSPORTATION TRAILER TR 1C-130J-2-71JG-00-2											
6.6.1. Remove Engine								-	-	-	-
6.6.2. Install Engine								-	-	-	-
6.7. AIRCRAFT ENGINE OPERATIONS TR 1C-130J-2-71JG-00-1											
6.7.1. Perform Pre Operational Checks								-	-	-	-
6.7.2. Perform Operational Checks of Engine								-	-	-	-
6.7.3. Evaluate Engine Performance								-	-	-	-
6.7.4. Perform Post Operational Checks								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.7.5.	Perform Safety and Ground Observer Duties								-	-	-	-
6.7.6.	Compressor Wash								-	-	-	-
6.7.7.	Clear Water Rinse								-	-	-	-
6.8.	PROPELLER TR 1C-130J-2-61GS-00-1											
6.8.1.	Constructional Features								A	-	-	B
6.8.2.	Principles of Propeller Systems Operation TR 1C-130J-2-61GS-00-1											
6.8.2.1.	Controlling								A	-	-	B
6.8.2.2.	Anti-ice/Deice								A	-	-	B
6.8.2.3.	Indicating								A	-	-	B
6.8.3.	Troubleshoot Systems and Components TR 1C-130J-2-61GS-00-1											
6.8.3.1.	Controlling								-	-	-	b
6.8.3.2.	Anti-Ice\Deice								-	-	-	b
6.8.3.3.	Indicating								-	-	-	b
6.8.4.	Propeller Maintenance											
6.8.4.1.	Propeller Assembly TR 1C-130J-2-61JG-00-1											
6.8.4.1.1.	Remove	*							-	-	-	-
6.8.4.1.2.	Inspect								-	-	-	-
6.8.4.1.3.	Static Balance								-	-	-	-
6.8.4.1.4.	Install	*							-	-	-	-
6.8.4.1.5.	Dynamic Balance								-	-	-	-
6.8.4.1.6.	Preservation and Storage								-	-	-	-
6.8.4.2.	Auxiliary Feather Pump TR 1C-130J-2-61JG-00-1											
6.8.4.2.1.	Remove								-	-	-	-
6.8.4.2.2.	Inspect								-	-	-	-
6.8.4.2.3.	Install								-	-	-	-
6.8.4.3.	Over Speed Governor and High Pressure Pump TR 1C-130J-2-61JG-00-1											
6.8.4.3.1.	Remove								-	-	-	-
6.8.4.3.2.	Inspect								-	-	-	-
6.8.4.3.3.	Install								-	-	-	-
6.8.4.4.	Pitch Control Unit (PCU) TR 1C-130J-2-61JG-00-1											
6.8.4.4.1.	Remove	*							-	-	-	-
6.8.4.4.2.	Inspect		*						-	-	-	-
6.8.4.4.3.	Install	*							-	-	-	-
6.8.4.4.4.	Preserve								-	-	-	-
6.8.4.5.	PCU Pressure Switch TR 1C-130J-2-61JG-00-1											
6.8.4.5.1.	Remove								-	-	-	-
6.8.4.5.2.	Inspect								-	-	-	-
6.8.4.5.3.	Install								-	-	-	-
6.8.4.6.	Magnetic Pulse Unit (MPU) TR 1C-130J-2-61JG-00-1											
6.8.4.6.1.	Remove								-	-	-	-
6.8.4.6.2.	Inspect								-	-	-	-
6.8.4.6.3.	Install								-	-	-	-
6.8.4.6.4.	Adjust								-	-	-	-

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)				
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
6.8.4.7. Propeller Control Harness TR 1C-130J-2-61JG-00-1												
6.8.4.7.1. Remove								-	-	-	-	
6.8.4.7.2. Inspect								-	-	-	-	
6.8.4.7.3. Install								-	-	-	-	
6.8.4.8. Auxiliary Pump Harness TR 1C-130J-2-61JG-00-1												
6.8.4.8.1. Remove								-	-	-	-	
6.8.4.8.2. Inspect								-	-	-	-	
6.8.4.8.3. Install								-	-	-	-	
6.8.4.9. Spinner TR 1C-130J-2-61JG-00-1												
6.8.4.9.1. Remove	*							-	-	-	-	
6.8.4.9.2. Inspect		*						-	-	-	-	
6.8.4.9.3. Install	*							-	-	-	-	
6.8.4.10. Beta Tube TR 1C-130J-2-61JG-00-1												
6.8.4.10.1. Remove	*							-	-	-	-	
6.8.4.10.2. Inspect		*						-	-	-	-	
6.8.4.10.3. Install	*							-	-	-	-	
6.8.4.11. Cylinder Assembly and Piston Seal TR 1C-130J-2-61JG-00-1												
6.8.4.11.1. Remove								-	-	-	-	
6.8.4.11.2. Inspect								-	-	-	-	
6.8.4.11.3. Install								-	-	-	-	
6.8.4.12. Deicing Timer Unit (DITU) TR 1C-130J-2-30JG-00-1												
6.8.4.12.1. Remove	*							-	-	-	-	
6.8.4.12.2. Install								-	-	-	-	
6.8.4.12.3. Calibrate	*							-	-	-	-	
6.8.4.13. Brush Block TR 1C-130J-2-30JG-00-1												
6.8.4.13.1. Remove	*							-	-	-	-	
6.8.4.13.2. Inspect		*						-	-	-	-	
6.8.4.13.3. Install	*							-	-	-	-	
6.8.4.13.4. Adjust								-	-	-	-	
6.8.4.14. Brush Block Bracket TR 1C-130J-2-61JG-00-1												
6.8.4.14.1. Remove								-	-	-	-	
6.8.4.14.2. Inspect								-	-	-	-	
6.8.4.14.3. Install								-	-	-	-	
6.8.4.14.4. Adjust								-	-	-	-	
6.8.4.15. Propeller Blade TR 1C-130J-2-61JG-00-1												
6.8.4.15.1. Inspect Blades	*							-	-	-	-	
6.8.4.15.2. Repair Blades	*							-	-	-	-	
6.8.4.16. Aircraft Installed Propeller Testing TR 1C-130J-2-61JG-00-1												
6.8.4.16.1. Perform Operational Checks								-	-	-	-	
6.9. TRANSPORTATION EQUIPMENT TR 35D3-3-71-1												
6.9.1. Inspect Prior to Use								-	-	-	-	a
6.9.2. Operate								-	-	-	-	
6.9.3. Maintain								-	-	-	-	
6.10. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101												
6.10.1. Installed Engine Run Certifying Official								-	-	-	-	

1. Tasks, Knowledge and Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level	
	5 Level	7 Level	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC
6.10.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)								-	-	-	-
6.10.3. Aircraft Inlet/Intake/Exhaust Certifying Official								-	-	-	-
6.10.4. Flexible Borescope Certifying Official								-	-	-	-
6.10.5. Engine Blade Blend Certifying Official								-	-	-	-
6.10.6. Red X by Primary AFSC (PAFSC) and MDS								-	-	-	-
6.10.7. IPI by PAFSC and MDS								-	-	-	-
6.10.8. Red-X and/or IPI - Limited								-	-	-	-
6.10.9. Installed Engine Run by MDS								-	-	-	-
6.10.10. Engine Blade Blending								-	-	-	-
6.10.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS								-	-	-	-
6.10.12. Uninstalled Engine Run Certifying Official/ETS by TMS								-	-	-	-
6.10.13. Aircraft Inlet/Intake/Exhaust Certification								-	-	-	-
6.10.14. Engine Flexible Borescope Inspections								-	-	-	-
6.10.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator								-	-	-	-
6.10.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator								-	-	-	-
6.10.17. Aircraft APU/GTC/APP Run Certifying Official								-	-	-	-

2AX7X MATRIX	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3-Skill Level	B 5-Skill Level	C 7-Skill Level	
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC

NOTE 1: This attachment is to be used in conjunction with other attachments in applicable CFETPs.

NOTE 2: Personnel must complete CDC requirements on all MDSs/attachments.

NOTE 3: This attachment is to be used as a correlation document for the 2AX7X 7-level Aerospace Maintenance Craftsman CDCs.

AA.1.	MAINTENANCE PHILOSOPHY AND POLICY											
AA.1.1.	Aircraft and Equipment Readiness TR: AFI 21-101								-	-	-	A
AA.1.2.	Maintenance Concept TR: AFI 21-101 and AFI 21-129								-	-	-	A
AA.1.3.	Reliability and Maintainability (R&M) TR: AFI 21-101, AFI 21-118 and TO 00-35D-54								-	-	-	A
AA.1.4.	Operating Instructions (OI) TR: AFI 21-101 and AFI 33-360								-	-	-	A
AA.1.5.	Maintenance Information Systems (MIS) TR: AFCSM 21-556 Volume 2, AFI 21-101, AFI 21-116, and TO 00-20-2								-	-	-	B
AA.1.6.	Maintenance Metrics TR: AFI 21-103 and AFTTP 3-3								-	-	-	A
AA.1.7.	Maintenance Repair Priorities TR: AFI 21-101								-	-	-	A
AA.1.8.	Historical Aircraft and Equipment Records TR: AFI 21-101 and TO 00-20-1								-	-	-	A
AA.2	MAINTENANCE ORGANIZATION KEY LEADER RESPONSIBILITIES											
AA.2.1.	Wing Commander (WG/CC) TR: AFI 21-101 and AFI 38-101								-	-	-	A
AA.2.2.	Wing Vice Commander (WG/CV) TR: AFI 21-101 and AFI 38-101								-	-	-	A
AA.2.3.	Maintenance Group Commander (MXG/CC) TR: AFI 21-101 and AFI 38-101								-	-	-	A
AA.2.4.	Maintenance Group Deputy Commander (MXG/CD) TR: AFI 21-101								-	-	-	A
AA.2.5.	MXG Superintendent (SUPT) TR: AFI 21-101								-	-	-	A
AA.2.6.	Squadron Commander (SQ/CC) TR: AFI 21-101								-	-	-	A
AA.2.7.	Maintenance Operations Officer (MOO) /Maintenance Superintendent (MX SUPT) TR: AFI 21-101								-	-	-	A
AA.2.8.	Flight Commander/Flight Chief TR: AFI 21-101								-	-	-	A
AA.2.9.	AMU OIC/Superintendent (SUPT) TR: AFI 21-101								-	-	-	A
AA.2.10.	Section NCOIC/Chief TR: AFI 21-101								-	-	-	B
AA.2.11.	Production Superintendent (Pro Super) TR: AFI 21-101								-	-	-	A
AA.3.	FUNCTIONS OF MAINTENANCE OPERATIONS SQUADRON (MOS)											
AA.3.1.	Maintenance Operations Flight (MOF) TR: AFI 21-101								-	-	-	A
AA.3.2.	Maintenance Training (MT) TR: AFI 21-101 and AFI 36-2232								-	-	-	A
AA.3.3.	Programs and Resources (P&R) TR: AFI 21-101								-	-	-	A

2AX7X MATRIX		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)				
		A	B	A	B	C	D	E	A 3-Skill Level	B 5-Skill Level	C 7-Skill Level		
		5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
1. Tasks, Knowledge and Technical References													
AA.4.	FUNCTIONS OF AIRCRAFT /HELICOPTER MAINTENANCE SQUADRON (AMXS/HMXS)												
AA.4.1.	Aircraft Maintenance Unit (AMU) TR: AFI 21-101								-	-	-	-	A
AA.4.2.	Flightline Expediter TR: AFI 21-101								-	-	-	-	A
AA.4.3.	Aircrew and Maintenance Debrief Section TR: AFI 21-101								-	-	-	-	A
AA.4.4.	Aircraft Section TR: AFI 21-101								-	-	-	-	A
AA.4.5.	Specialist Section TR: AFI 21-101								-	-	-	-	A
AA.4.6.	Weapons Section TR: AFI 21-101								-	-	-	-	A
AA.4.7.	Support Section TR: AFI 21-101								-	-	-	-	A
AA.5.	FUNCTIONS OF MAINTENANCE SQUADRON (MXS)												
AA.5.1.	Accessories Flight TR: AFI 21-101								-	-	-	-	A
AA.5.2.	Aerospace Ground Equipment (AGE) Flight TR: AFI 21-101								-	-	-	-	A
AA.5.3.	Armament Flight TR: AFI 21-101								-	-	-	-	A
AA.5.4.	Avionics Flight TR: AFI 21-101								-	-	-	-	A
AA.5.5.	Fabrication Flight TR: AFI 21-101								-	-	-	-	A
AA.5.6.	Maintenance Flight TR: AFI 21-101								-	-	-	-	A
AA.5.7.	Munitions Flight TR: AFI 21-101								-	-	-	-	A
AA.5.8.	Propulsion Flight TR: AFI 21-101								-	-	-	-	A
AA.5.9.	Test, Measurement, and Diagnostic Equipment (TMDE) Flight TR: AFI 21-101								-	-	-	-	A
AA.6.	MAINTENANCE TRAINING												
AA.6.1.	Types of Training TR: AFI 36-2232 and the ETCA site located at: https://etca.randolph.af.mil/								-	-	-	-	A
AA.6.2.	Training Documentation TR: AFI 21-101, AFI 36-2201 and AFI 36-2232								-	-	-	-	A
AA.6.3.	Training Business Area (TBA) TR: https://www.my.af.mil/imds/tpa/IMDSTWeb/ActionServlet								-	-	-	-	B
AA.6.4.	Special Certification Rosters TR: AFI 21-101								-	-	-	-	A
AA.6.5.	Maintenance Qualification Program (MQP) TR: AFI 21-101, AFI 36-2232 and AFPD 10-9								-	-	-	-	A
AA.6.6.	Training Management TR: AFI 36-2201, AFI 36-2232, AFI 21-101 and AETCI 36-2601								-	-	-	-	
AA.6.6.1.	Training Forecast								-	-	-	-	A

2AX7X MATRIX	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)				
	A	B	A	B	C	D	E	A 3-Skill Level	B 5-Skill Level	C 7-Skill Level		
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
1. Tasks, Knowledge and Technical References												
AA.6.6.2. Training Request								-	-	-	-	A
AA.6.6.3. Master Training Plan								-	-	-	-	A
AA.7. PERSONNEL RESOURCE MANAGEMENT												
AA.7.1. Unit Manpower Document (UMD) and Unit Personnel Manpower Roster (UPMR) TR: AFI 36-2110, AFI 38-201 and AFTTP 3-3								-	-	-	-	A
AA.7.2. Personnel Utilization TR: AFI 21-101								-	-	-	-	A
AA.8. MAINTENANCE SUPPLY												
AA.8.1. Logistics Readiness Squadron (LRS) Supply Support TR: AFI 21-101, AFMAN 23-110 (Vol. 1) and AFTTP 3-3								-	-	-	-	A
AA.8.2. Readiness Spares Packages TR: AFI 21-101, AFMAN 23-110 and AFTTP 3-3								-	-	-	-	A
AA.8.3. Consumables Management TR: AFI 21-101, AFMAN 23-110 and AFTTP 3-3								-	-	-	-	A
AA.8.4. Equipment Items TR: AFI 21-101, AFMAN 23-110 and AFMAN 23-220								-	-	-	-	A
AA.8.5. Supply Assets Requiring Functional Check, Calibration, or Operational Flight Programming TR: AFI 21-101, AFMAN 23-110 and TO 00-20-3	*							-	-	-	-	A
AA.8.6. Precious Metals Recovery Program TR: AFI 21-101 and AFMAN 23-110								-	-	-	-	A
AA.8.7. Supply Points TR: AFI 21-101 and AFMAN 23-110								-	-	-	-	A
AA.8.8. Local Manufacture TR: AFI 21-101								-	-	-	-	A
AA.8.9. Repair Cycle Assets TR: AFI 21-101 and AFMAN 23-110	*							-	-	-	-	A
AA.8.10. Supply Management Products TR: AFI 21-101 and AFMAN 23-110	*							-	-	-	-	A
AA.8.11. Tail Number Bins (TNB) TR: AFI 21-101 and AFMAN 23-110								-	-	-	-	A
AA.8.12. Maintenance Repair/Supply Delivery Priorities TR: AFI 21-101 and AFMAN 23-110								-	-	-	-	A
AA.8.13. Classified Assets TR: AFI 21-101, AFJI 31-102, TO 00-5-1 and TO 00-20-1								-	-	-	-	A
AA.8.14. Hazardous Materials TR: AFI 21-101, AFI 32-7086 and AFI 90-821	*							-	-	-	-	A
AA.8.15. Supply Deficiency and Discrepancy Reporting TR: AFI 21-101, AFMAN 23-110 and TO 00-35D-54	*							-	-	-	-	B
AA.8.16. Special Handling of Supply Assets Containing Hazardous Materials TR: AFI 24-203, AFI 32-7086, AFMAN 23-110, TO 42B2-1-3, and TO 6J3-1-1								-	-	-	-	A

2AX7X MATRIX	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)				
	A	B	A	B	C	D	E	A 3-Skill Level	B 5-Skill Level	C 7-Skill Level		
	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	
	1. Tasks, Knowledge and Technical References											
AA.8.17.	Maintenance Supply Liaison TR: AFI 21-101 and AFMAN 23-110								-	-	-	A
AA.9.	TECHNICAL ORDER MANAGEMENT											
AA.9.1.	Technical Orders Distribution Process TR: AFI 21-101, AFI 63-101, AFTTP 3-3 and TO 00-5-1								-	-	-	A
AA.9.2.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15	*							-	-	-	A
AA.9.3.	Technical Order Change Process TR: AFI 21-303								-	-	-	A
AA.9.4.	Technical Order Waivers TR: AFI 21-101 and AFI 21-303								-	-	-	A
AA.10.	MAINTENANCE REQUIREMENTS AND PROGRAMS	*									-	
AA.10.1.	Cannibalization Program TR: AFI 21-101 and AFTTP 3-3								-	-	-	A
AA.10.2.	Restricted Maintenance Areas TR: AFI 21-101								-	-	-	A
AA.10.3.	Red Ball Maintenance TR: AFI 21-101								-	-	-	A
AA.10.4.	Aircraft/Equipment Impoundment Program TR: AFI 21-101	*							-	-	-	A
AA.10.5.	Foreign Object Damage (FOD) Program TR: AFI 21-101, AFI 36-2232 and AFTTP 3-3	*							-	-	-	A
AA.10.6.	Dropped Object Prevention (DOP) Program TR: AFI 21-101								-	-	-	A
AA.10.7.	Tool Management TR: AFI 21-101								-	-	-	A
AA.10.8.	Tool Accountability TR: AFI 21-101								-	-	-	A
AA.10.8.1.	Marking and Tool Identification TR: AFI 21-101								-	-	-	A
AA.10.8.2.	Locally Manufactured, Developed, or Modified Tools and Equipment TR: AFI 21-101								-	-	-	A
AA.10.8.3.	Lost Item/Tool Procedures TR: AFI 21-101								-	-	-	A
AA.10.9.	Maintenance Recovery Team TR: AFI 21-101								-	-	-	A
AA.11.	QUALITY ASSURANCE (QA) PROGRAM											
AA.11.1.	Maintenance Standardization and Evaluation Program (MSEP) TR: AFI 21-101 and AFTTP 3-3								-	-	-	A
AA.11.2.	QA Product Improvement Program TR: AFI 21-101								-	-	-	A
AA.11.3.	Configuration Management (CM) and Modification Management TR: AFI 21-101								-	-	-	A