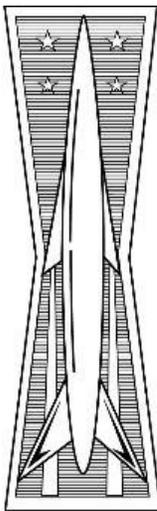
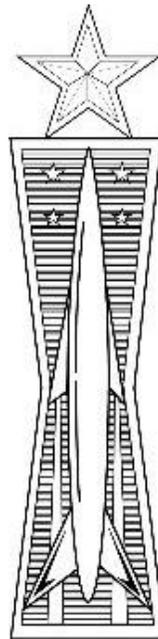


AFSC 2W1X1

AIRCRAFT ARMAMENT SYSTEMS



Basic



Senior



Master

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Supersedes: CFETP 2W1X1, 1 April 2001
Certified by: HQ USAF/ILMW (CMSgt James M. McMahon)
OPR: 363 TRS/TRRW (Mr. Floyd (Lou) Johnson)
Total page count: 191

**AIRCRAFT ARMAMENT SYSTEMS SPECIALTY
AFSC 2W1X1
CAREER FIELD EDUCATION AND TRAINING PLAN**

Part I

Preface

1. A highly trained, motivated enlisted work force is the Air Force's key resource in meeting challenges of the future. If the Air Force is to meet present and future challenges, it is essential the work force be effectively and efficiently trained to perform duties within each skill level of the Air Force Specialty (AFS). The Career Field Education and Training Plan (CFETP) for the Aircraft Armament Systems Maintenance specialty provides the framework and guidance necessary for planning, developing, managing, and conducting a career field training program. This CFETP documents a "training road map" for the career field used to identify the mandatory and optional skill level training an individual should receive during their career in the Aircraft Armament Systems Specialty. **NOTE:** Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts; both parts of the plan are used by supervisors to plan, manage, and control training within the 2W1X1 career field.

2.1. **Part I** provides information necessary for overall management of the specialty. **Section A** explains how everyone will use the plan; **Section B** identifies career field progression information, duties and responsibilities, training strategies, and career field path; **Section C** associates each level with specialty qualifications (knowledge, education, training, and other); **Section D** indicates resource constraints. Some examples are funds, manpower, equipment, and facilities. **Section E** identifies transition training guide requirements for SSgt through MSgt.

2.2. **Part II** includes the following: **Section A** identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references to support training, Air Education and Training Command (AETC) conducted training, wartime course, core task, and correspondence course requirements; **Section B** contains the course objective list and training standards supervisors will use to determine if airmen satisfied training requirements; **Section C** identifies available support materials. An example is a Qualification Training Package (QTPs may be developed to support proficiency training). These packages are identified on the Education Training Course Announcements (ETCA) web site at <http://www.e-publishing.af.mil/pubs/speclist.asp?puborg=AF&series=qtp>; **Section D** identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses; **Section E** identifies MAJCOM unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

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

supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

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

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

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

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

Core Task. A task Air Force career field managers (AFCFM's) identify as a minimum qualification requirement within an Air Force Specialty.

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

Critical Task. Task(s) identified by the AFCFM, MAJCOM functional manager, and/or Weapons/Armament Flight Superintendent as essential to holding the skill-level for the current duty position.

Duty Position. When used in this CFETP refers to the work center currently assigned (i.e.: weapons loading, weapons loading crew chief, armament shop, etc.)

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

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

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

Initial Skills Training (Type 3). AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training centers.

Instructional System Development (ISD). A deliberate and orderly but flexible process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught in a cost efficient way the knowledge, skills, and attitudes essential for successful job performance.

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

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

Optimal Training. The ideal combination of training settings resulting in the highest levels of proficiency on specified performance requirements within the minimum time possible.

Proficiency Code Key. The proficiency code key shows the level of training and knowledge provided by resident training and career development courses.

Proficiency Training. 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.

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

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

Representative Sites. Typical organizational units having similar missions, weapon systems or equipment, or a set of jobs, used as a basis for estimating average training capacities and costs within the Training Impact Decision System (TIDES).

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

Skills Training. A formal course which results in the award of a skill level.

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

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

Specialty Training Standard (STS). An Air Force publication that describes skills and knowledge's that airman in a particular Air Force specialty needs on the job. It further serves as a contract between the Air Education and Training Command and the user to show the overall training requirements for an Air Force specialty code that the formal schools teach.

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

Total Force. All collective Air Force components (active, reserve, guard, and civilian elements) of the United States Air Force.

Training Capacity. The capability of a training setting to provide training on specified requirements, based on the availability of resources.

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

Training Planning Team (TPT). Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues are greater than is normal in the U&TW forum.

Training Requirements Analysis. A detailed analysis of tasks for a particular AFS to be included in the training decision process.

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

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

Wartime Tasks. The minimum tasks that will be taught in technical training in residence during a wartime contingency. These apply only to in-residence 3-skill level courses taught at Sheppard AFB.

Section A - General Information

1. Purpose. This CFETP provides information necessary for Air Force Career Field Managers (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 this AFS must receive in order to develop and progress throughout their career. This CFETP provides coverage for all 2W1X1 personnel regardless of AFSC prefix/suffix (T2W1X1, etc.) This plan identifies initial skills, upgrade, qualification, advanced, and proficiency level training. The purposes of the CFETP are:

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

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

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

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

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

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

2.2. MAJCOM training programs will complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable courses can satisfy identified requirements.

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

3. Coordination and Approval. The AFCFM is the approving official and waiver authority for any changes to and deviations from this CFETP. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements.

The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

4. Specialty Description.

4.1. **Specialty Summary.** Loads and unloads nuclear and nonnuclear munitions, explosives, and propellant devices on fighter, bomber, and special mission aircraft. Manages, controls, maintains, and installs aircraft bomb, rocket, and missile release, launch, suspension, and monitor systems; guns and gun mounts; and related munitions handling, loading, support, and test equipment. Related DoD Occupational Subgroup: 646.

4.2. Duties and Responsibilities.

4.2.1. Loads, positions, perform safing operations, and unload munitions on/from aircraft. Performs post-load inspections. Uses munitions handling, loading, and checkout procedures and equipment. Tests suspension, launch, and release systems for retentive locking and manual or electrical release. Analyzes malfunctions. Performs functional checks of launch and suspension systems. Operates handling and loading equipment, and mates munitions with aircraft release, launch, and munitions suspension systems. Loads and services aircraft gun systems. Tests electrical and electronic circuitry for continuity, voltage, and proper operation. Tests for unwanted electrical signal or power before connecting electrically actuated explosives and propellants. Installs ground safety devices on munition and gun system components to prevent inadvertent detonation, launching, or firing. Inserts and removes impulse cartridges associated with fuel tanks and pylons. Adjusts and installs fuses, and delay elements in conventional munitions.

4.2.2. Inspects, repairs, modifies, and maintains aircraft release, launch, suspension, and monitor systems; aircraft guns; and related equipment. Operates, inspects, and performs operator maintenance on related munitions handling, loading, and test equipment. Examines for visual defects and proper installation of systems components such as munitions ejector racks, loading and suspension devices, shackles, rocket pods, pylons, aircraft ammunition, boosters, and feed chutes. Boresights and performs after-firing inspection of aircraft guns. Examines aircraft guns for defects. Analyzes malfunctions of munitions launch, release, suspension, and monitor systems, and associated handling and loading equipment. Disassembles, repairs, or replaces mechanical, electrical, electronic, and pneumatic mechanisms of launch and release systems, and aircraft gun systems. Removes, disassembles, and inspects parts and subassemblies for damage, corrosion, or acceptable clearances and tolerances. Makes adjustments and applies lubricants and preservatives. Performs serviceability tests on aircraft guns, gun systems, and armament associated suspension equipment.

4.2.3. Plans, organizes, and directs aircraft armament systems maintenance activities. Establishes and evaluates performance and training standards, maintenance controls, and procedures. Checks methods and techniques used to load and unload munitions on aircraft, to

repair and maintain aircraft release and gun systems, and to maintain, repair, and modify associated equipment. Ensures compliance with policies, directives, and safety procedures. Analyzes productivity and work quality. Evaluates operational efficiency of aircraft guns and munitions systems, and recommends modification. Determines probable effect of modifications on future maintenance and operational requirements.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training must do their part to plan, 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. Initial skills training in this specialty consists of tasks and knowledge training provided in any one of the following 3-skill level awarding resident courses located at Sheppard AFB: J3ABR2W131C XXX (A-10), J3ABR2W131E XXX (F-15), J3ABR2W131F XXX (F-16), J3ABR2W131K XXX (B-52), J3ABR2W131L XXX (B-1), or J3ABR2W131Z XXX (Special Missions). Individuals must successfully complete one of the initial skills training courses to be awarded the 3-skill level.

5.2. Journeyman (5) Level. Upgrade training to the 5-skill level in the Aircraft Armament Systems specialty consists of tasks and knowledge training provided in the CDC in addition to any AFJQS requirements. Upgrade training requirements for the 5-skill level are identified in the STS, which is included in Part II, Section A, of this plan. In order to be awarded AFSC 2W151, an individual must successfully complete CDCs 2W151A and 2W151B, all duty position tasks identified in the Master Task Listing (MTL), and all 5-skill level core tasks identified by a "5C" in column 2 of the STS. After award of the 5-skill level, continuation training, when available, should be used based on an individual's particular duty position or other needs. A listing of continuation training is included but not limited to that training listed in Part II, Section D, of this plan.

5.3. Craftsman (7) Level. Upgrade training to the 7-skill level in the Aircraft Armament Systems specialty consists of tasks and knowledge identified in the STS and AFJQS. In order to be awarded AFSC 2W171, the individual must attend the 7-skill level awarding course (J3ACR2W171 XXX) at Sheppard AFB, TX. Prior to attending the course, the upgrade trainee must successfully complete CDC 2W171, all duty position tasks identified in the MTL, and all 7-skill level core tasks identified in paragraph 16 of the STS. After award of the 7-level, continuation training, when available, should be used based on an individual's particular training needs. A listing of continuation training is included but not limited to that training listed in Part II, Section D, of this CFETP.

5.4. Superintendent (9) Level. In order to be awarded AFSC 2W191, individuals must be in the grade of SMSgt. Continuation training, if available, should be used as needed based on an individual's particular needs.

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aircraft Armament Systems

career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were made at the 2W1X1 U&TW held at Sheppard AFB, TX, 9-13 Dec 02 and by later coordination between the AFCFM and MFMs:

6.1. **Initial Skills.** The STS was reviewed and only minor changes were made. No changes were made that impacted 3-level training at Sheppard.

6.2. **Five-Level Upgrade Requirements.** Five-level core tasks were reviewed and were changed significantly. The 5-level core tasks will now be identified with a "5C" in column 2 of the STS. The tasks are as generic as possible. The intent is to allow core task certification to be transferred with an individual in the event he/she is reassigned to another type aircraft. In this case, core task training has been satisfied. CDCs 2W151A and 2W151B were reviewed. It was decided to drop the prerequisite of requiring enrollment in CDC 2W151A first, allowing upgrade trainees and their supervisors to decide which course to enroll in first. Completion of both courses is mandatory for upgrade to the 5-skill level.

6.3. **Seven-Level Upgrade Requirements.** Seven-level core tasks were reviewed and no changes were made. As a prerequisite to attending the formal in-resident course, J3ACR2W171 XXX conducted at Sheppard AFB, TX, trainees will be required to take CDC 2W171 dealing with explosives safety, forms, CAMS, logistics deficiency reporting, and base and munitions supply procedures. Trainees are eligible for enrollment in mandatory prerequisite courses upon promotion to SSgt and/or upon selection by Airman Classifications. The in-resident course will consist of task-oriented training in such areas as principles of troubleshooting, test set operation, wire and cable repair, forms documentation, weapons expediter duties, and use of CAMS management products.

6.4. **Proficiency Training.** All FTD courses were reviewed and deemed adequate.

7. **Community College of the Air Force.** Since 15 Feb 1991, all 1st time enrollments occur upon completion of basic military training. CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree. In addition to its associates degree program, CCAF offers the following:

7.1. **Occupational Instructor Certification.** The Community College of the Air Force offers an occupational instructor certification (OIC) program for instructors teaching at CCAF affiliated schools. The purpose of the certification is to recognize the excellent instructor qualification training provided to prepare instructors to teach CCAF courses and to formally acknowledge instructor experience. Officer, enlisted, civilian and other service instructors are eligible for this certification. To qualify for the occupational instructor certification, the nominee needs to be a full-time instructor teaching a CCAF course at the time of nomination, have at least 2 years of teaching experience as a CCAF instructor, hold an associate or higher degree from an accredited institution, have completed an instructor methodology course of at least 3 semester hours, have

completed a teaching practicum of at least 5 semester hours, hold the journeyman 5-skill level or fully qualified equivalent, and be recommended for certification by the affiliated school commander, commandant or professional military education flight chief

7.2. **Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. This certification translates the separating or retiring members last PAFSC skill-level into terms understood by prospective employers (i.e.: Apprentice, Journeyman, Craftsman/Supervisor, Master Craftsman/Manager.) All are transcribed on the CCAF transcript.

7.3. **Degree Requirements.** All airmen are automatically entered into the CCAF program. A program applicable 5 skill-level must be held at the time of degree completion and the following requirements must be met:

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

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

Technical Core

<i>Subjects/Electives</i>	<i>Semester Hours</i>
Aircraft Armament Systems	12
CCAF Internship	18
Advanced Aircraft Armament Systems	12
Aircraft Systems Maintenance	3
Computer Science	6
Corrosion Control	3
Electricity/Electronics	6
Enlisted Professional Military Education.	6
Engineering Graphics.....	3
Fluid Power.....	3
General Chemistry/Algebra-Based Physics	4
Heavy Equipment Operation/Maintenance	3
Industrial Safety.....	3
Maintenance Management	3
Materials and Processes	3
Weapons Safety.....	3

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

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

7.3.4. **General Education** (15 Semester Hours): Applicable courses must meet the 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.

<i>Subjects/Courses</i>	<i>Semester Hours</i>
Oral Communication (Speech)	3
Written communication (English Composition)	3
Mathematics	3
Intermediate algebra or a college-level mathematics course is required. If an acceptable mathematics course is applied as a Technical or Program Elective, a natural science course meeting general education requirements Application criteria may be applied as a General Education Requirement.	
Social Science	3
Anthropology, Archeology, Economics, Geography, Government, History, Political Science, Psychology, Sociology.	
Humanities	3
Fine Arts (History, Criticism, and Appreciation), Foreign Language, Literature, Philosophy, Religion.	

7.3.5. **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 and foreign language credit earned at the Defense Language Institute or through the Defense Language Proficiency Test. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

7.4. Additional off-duty education is a personal choice that is highly encouraged for all. There is a growing demand for trained professionals as a result of the complexity and expansion of modern technology. This program prepares airmen to assume increasingly demanding supervisory responsibilities and provides the necessary educational experience for them to meet additional challenges in the future. You are entitled to an opportunity for personal and professional growth provided by degree programs relevant to the mission of the Air Force. Individuals desiring to become an Air Force Instructors should be actively pursuing an associates degree. A degreed faculty is required to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Path.

8.1. **Manpower Table.** This table not used per HQ USAF/ILMW.

8.2. Enlisted Career Path **NOTE:** All timelines are estimated.

Table A6.2. Enlisted Career Path				
Education and Training Requirements	GRADE REQUIREMENTS			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training school				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-skill level) - Minimum 15 months upgrade training. - Minimum 9 months on-the-job training for retrainees. - Complete appropriate CDC if and when available.	Amn, A1C, SrA	6 months 16 months 3 years	28 months	NOTE: 10 Years for non Selective Reenlistment Bonus (SRB) career fields 12 Years for SRB career fields
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 and certified to perform the task to be trained - Must attend formal OJT Trainer Training and be appointed by Commander.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - 12 months OJT. - 6 months OJT for retrainees. - Complete appropriate CDC if/when available. - Attend Craftsman course - Complete all 7-skill level core tasks identified in the STS	SSgt	4.5 years	3 years	20 Years
	Certifier - Possess at least a 5-skill level in the same AFSC, if possible but not required. - Be at least a SSgt or civilian equivalent, attend formal OJT Certifier Course, and appointed by Commander. - Be a person other than the trainer. NOTE: Schoolhouse instructors exempt.			
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	24 Years
	MSgt	17 years	8 years	26 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SM Sgt selectee. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only). - A percentage of top nonselects (for promotion to E-8) MSgts attend the SNCOA each year.				
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt.	SMSgt	20 years	11 years	28 Years
2W100 Wing Weapons Manager	CMSgt	22 years	14 years	30 Years

Section C - Skill Level Proficiency 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 task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

10. Specialty Qualification:

10.1. Apprentice Level Training:

10.1.1. Specialty Qualification.

10.1.1.1. Knowledge. Knowledge of basic electricity and principles of physics, mechanics, electronics, and pneudraulics applying to munitions launch, release, suspension, fusing, and arming systems and aircraft gun systems; using precision measurement tools and equipment; using and interpreting blueprints, schematics, and wiring diagrams; concepts and application of applicable maintenance directives; nuclear and nonnuclear munitions loading and safety procedures; and the proper handling, use, and disposal of hazardous wastes and materials is mandatory. Basic knowledge and skills necessary to use computer based maintenance and data systems.

10.1.1.2. Education. Completion of high school or general educational development (GED) equivalency is mandatory. Completion of high school courses in mechanics or basic electronics is desirable.

10.1.1.3. Training. Completion of a basic armament systems course is mandatory for award of the three-skill level. Upon assignment to first duty station, 3-levels will be trained in their assigned duty position (qualification training). When qualified/certified on specific tasks in the current duty position, individuals may perform those tasks unsupervised with supervisory follow-up after task completion.

10.1.1.4. Experience. N/A

10.1.1.5. Other. Per AFMAN 36-2108, trainees selected for 2W131(X) training must have a minimum score of 55 Mechanical or 46 Electrical on their AFQT. A record of emotional instability as documented by competent medical authority precludes entry, award, and retention of this AFSC. Normal color vision and depth perception as defined in AFI 48-123 is also mandatory. Eligibility for a Secret security clearance according to AFI 31-501 is mandatory for award and retention of the AFSC.

10.1.2. Training Sources and Resources. Completion of one of the basic Armament Systems Courses at Sheppard AFB, TX satisfies the knowledge and training requirements for the award of the 3-skill level. A list of all training courses to support education and training is in Part II, Section D of this CFETP.

10.1.3. **Implementation.** The 3-skill level is awarded upon successful completion of any one of the J3ABR2W131(X) courses conducted at Sheppard AFB.

10.2. Journeyman Level Training:

10.2.1 Specialty Qualification.

10.2.1.1. **Knowledge.** Knowledge of basic electricity and principles of physics, mechanics, electronics, and pneudraulics applying to munitions launch, release, suspension, fusing, and arming systems and aircraft gun systems; using precision measurement tools and equipment; using and interpreting blueprints, schematics, and wiring diagrams; concepts and application of applicable maintenance directives; nuclear and nonnuclear munitions loading and safety procedures; and the proper handling, use, and disposal of hazardous wastes and materials is mandatory. Basic knowledge and skills necessary to use computer based maintenance and data systems.

10.2.1.2. **Education.** Completion of high school or general educational development (GED) equivalency is mandatory. Completion of high school courses in mechanics or basic electronics is desirable.

10.2.1.3. **Training.** Minimum requirements for 5-level upgrade are: (1) completion of Career Development Courses (CDC) 2W151A and 2W151B, (2) qualification on all STS core tasks and duty position tasks identified in the MTL for the assigned duty position, (3) at least 15 months of UGT, and (4) recommendation of the supervisor.

10.2.1.3.1. Initial trainee interview and CDC ordering will take place within 30 days of arrival at duty station except for short tour assignments where this will be accomplished within 10 days. Each CDC volume will be completed no later than 30 days after issue. Subsequent volumes will be issued immediately upon satisfactory completion of previous volume. EOC tests will be ordered upon satisfactory completion of the last volume of each set and administered no later than 30 days of receipt. Immediately upon satisfactory completion of EOC, the next set will be started and the same timeline applies. Completion of both sets of CDCs will take no longer than 10 months from initial start date. The MAJCOM Functional Manager has waiver authority.

10.2.1.4. **Experience.** Experience in loading munitions on aircraft or maintaining and repairing munitions launch and release or aircraft gun systems is mandatory.

10.2.1.5. **Other.** A record of emotional instability as documented by competent medical authority precludes entry into, award, and retention of this AFSC. Normal color vision and depth perception as defined in AFI 48-123 is also mandatory. Eligibility for a Secret security clearance according to AFI 31-501 is mandatory for award and retention of the AFSC.

10.2.2. **Training Sources and Resources.** Successful completion of CDC 2W151A and 2W151B satisfies the knowledge requirements described above for the award of the 5-level. CDCs are Air Force publications and are mandatory for use during upgrade/qualification training when available. They are obtained through normal publication channels at

<http://www.e-publishing.af.mil/pubs/speclist.asp?puborg=AF&series=qtp>. Procedures for requesting QTP development are located at <http://www.e-publishing.af.mil/pubs/speclist.asp?puborg=AF&series=qtp>. A list of all training courses to support education and training is in Part II, Section D of this CFETP.

10.2.3. **Implementation.** Entry into upgrade training is initiated when an individual possesses the 3-skill level. The individual is then enrolled in CDC 2W151A and/or 2W151B. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

10.3. Craftsman Level Training:

10.3.1 Specialty Qualification.

10.3.1.1. **Knowledge.** Possess advanced skills and knowledge of basic electricity and physics, mechanics, electronics, and pneudraulics principles applying to munitions launch, release, suspension, fusing, arming, and aircraft gun systems; using precision measuring tools and test equipment; using and interpreting blueprints, schematics, and wiring diagrams; concepts and application of applicable maintenance directives; nuclear and nonnuclear munitions loading and safety procedures; and the proper handling, use, and disposal of hazardous waste and materials. Intermediate knowledge and skills necessary to use computer based maintenance and data systems.

10.3.1.2. **Education.** To assume the grade of SSgt and MSgt, active duty individuals must be graduates of the Airman Leadership School and NCO Academy, respectively.

10.3.1.3. **Training.** The following requirements are mandatory for the award of the 7-skill level: (1) CDC 2W171 covering forms, CAMS, munitions and base supply, etc., (2) all 7-level core tasks and duty position tasks identified in the MTL for the assigned duty position, (3) Course J3ACR2W171, (4) minimum of 12 months time in upgrade training, and (5) the minimum grade of SSgt.

10.3.1.4. **Experience.** Qualification as an Aircraft Armament Systems Journeyman is mandatory. Also, experience in performing or supervising functions such as loading and unloading munitions; or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems is mandatory.

10.3.1.5. **Other.** A record of emotional instability as documented by competent medical authority precludes entry, award, and retention of this AFSC. Normal depth perception as defined in AFI 48-123 is also mandatory. Eligibility for a Secret security clearance according to AFI 31-501 is mandatory for award and retention of the AFSC.

10.3.2. **Training Sources and Resources.** Successful completion of nonresident course, CDC 2W171 and in-resident course J3ACR2W171 at Sheppard AFB satisfies knowledge requirements specified above. Procedures for requesting QTP development are located at <http://www.e-publishing.af.mil/pubs/speclist.asp?puborg=AF&series=qtp>. A list of all training courses to support education and training is in Part II, Section D of this CFETP.

10.3.3. **Implementation.** Entry into upgrade training is initiated on the first day of the promotion cycle an individual is selected for promotion to SSgt. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

10.4. **Superintendent Level Training:**

10.4.1 **Specialty Qualification.**

10.4.1.1. **Knowledge.** Possess advanced skills and knowledge of electricity and principles of physics, mechanics, electronics, pneudraulics, and ballistics applying to munitions launch, release, fusing, and arming systems and aircraft gun systems; using precision measuring tools and test equipment; concepts and application of applicable maintenance directives; nuclear and non-nuclear munitions loading and safety procedures; and the proper handling, use, and disposal of hazardous waste and materials. Advanced knowledge and skills necessary to use computer based maintenance and data systems.

10.4.1.2. **Education.** No additional educational requirements for award of the 9-skill level.

10.4.1.3. **Training.** Completion of the duty position training requirements and SMSgt sew-on are mandatory for award of the 9-skill level AFSC.

10.4.1.4. **Experience.** Qualification as an Aircraft Armament Systems Craftsman is mandatory. Also, experience in directing functions such as loading munitions on aircraft; maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems is mandatory.

10.4.1.5. **Other.** A record of emotional instability as documented by competent medical authority precludes entry, award, and retention of this AFSC. Normal depth perception as defined in AFI 48-123 is mandatory. For award and retention of this AFSC, eligibility for a Secret security clearance according to AFI 31-501 is mandatory.

10.4.2. **Training Sources/Resources.** N/A.

10.4.3. **Implementation.** Entry into upgrade training is initiated when an individual possesses the 7-skill level and required grade. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

Section D - Resource Constraints

11. Purpose. This section identifies known resource constraints, which preclude optimal/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:

- 12.1. **Constraints.** None.
- 12.1.1. **Impact.**
- 12.1.2. **Resources Required.**
- 12.1.3. **Action Required.**
- 12.2. **OPR/Target Completion Date.**

13. Five Level Training:

- 13.1. **Constraints.** N/A.
- 13.1.1. **Impact.**
- 13.1.2. **Resources Required.**
- 13.1.3. **Action Required.**
- 13.2. **OPR/Target Completion Date.**

14. Seven-Level Training:

- 14.1. **Constraints.** None.
- 14.1.1. **Impact.**
- 14.1.2. **Resources Required.**
- 14.1.3. **Action Required.**
- 14.2. **OPR/Target Completion Date.**

Section E. Transitional Training Guide

“There is currently no transition training requirements. This area is reserved.”

Part II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by AETC for classes beginning Sep 04 and graduating after 1 Jan 05. See HQ USAF/ILMW letter dated 13 April 04 that approves the below listed courses to continue using the 1 April 2001 CFETP until each specifically changed course is Approved and Certified by HQ AETC/DOOM. Letter is maintained by the 363 TRS, Sheppard AFB TX, Room 139.

a. J3ATR2W111-002	Aircraft Armament Systems Apprentice (Fundamentals)	03 Sep 04
b. J3ABR2W131C-003	Aircraft Armament Systems Apprentice (A-10)	30 Sep 04
c. J3ABR2W131E-003	Aircraft Armament Systems Apprentice (F-15)	27 Sep 04
d. J3ABR2W131F-004	Aircraft Armament Systems Apprentice (F-16)	27 Sep 04
e. J3ABR2W131K-004	Aircraft Armament Systems Apprentice (B-52)	22 Sep 04
f. J3ABR2W131L-003	Aircraft Armament Systems Apprentice (B-1B)	08 Oct 04
g. J3ABR2W131Z-004	Aircraft Armament Systems Apprentice (SpMs)	03 Sep 04
h. J3ACR2W171-000	Aircraft Armament Systems Craftsman (7-LVL)	27 Sep 04

If possible, course implementation dates will be not later than 60 days of the 1 June CFETP publication date.

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

2.1. Column 1 (Task, Knowledge and Technical Reference) list the most common tasks, knowledge's, technical references (TR), and wartime task necessary for airman to perform duties in the 3-, 5-, and 7-skill level. The task statements are numbered sequentially (i.e., 1.1., 1.2., 2.1., etc.). Wartime task are identified with an “*”.

2.1.1. Column 2 (Core Tasks) items identified with a “5C or “7C” are those task to be trained as a minimum for the award of the applicable 5 or 7-skill level. All 5-skill and 7-skill level core tasks must be certified as part of upgrade training. These items satisfy the specialty-wide training core-task requirements. Third party task certification initials are no longer required for core task items in column 3, item E. However, column 3, item C and D must be annotated to show normal completion of training. Column 3, item E will be left in the STS for schoolhouse documentation of 3b and 3c proficiency coded items and for specialized training that may be identified at a later date.

2.2. Column 3 (certification for OJT) is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification/completed date. Third party task certification initials are no longer required by the trainees supervisor for core task items in column 3, item E.

2.3. Column 4 (proficiency codes used to indicate training/information provided) shows formal training and correspondence course requirements. It also shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listings. NOTE: When two codes are used in column 4A(1), the first code (the code to the left of the “/”) is the established requirement for resident training on the task/knowledge, and the second code (the code to the right of the “/”) indicates the level of training provided in the course due to equipment shortages or other resource constraints.

2.3.1. Prior to upgrade, all 2W1X1 personnel, regardless of duty position, must satisfactorily complete upgrade training requirements. Trainees must also meet AFSC experience requirements outlined in AFIs 34-108 and 36-2108, and be task certified on 5-level “5C” upgrade core tasks listed in column 2 for their duty position. Five-level upgrade trainees must also complete CDCs 2W151A and 2W151B. All 7-level upgrade trainees must be certified on 7-level core tasks and complete CDC 2W171 and the formal in-resident 2W171 course for upgrade. Work centers may add local upgrade tasks and non-mandatory tasks to the AFJQS. Completion of non-mandatory tasks pertinent to the unit will continue to be accomplished as tasks become available for training.

2.3.2. *Five-level core tasks* - All 2W131 personnel will be certified on all 5-level general core tasks identified with a “5C” in column 2 before being awarded a 5-skill level.

2.3.3. *Seven-level core tasks* - All 2W151 personnel will be certified on all 7-level general core tasks identified with a “7C” in column 2 before being awarded a 7-skill level.

2.4. **Qualitative Requirements.** Attachments 1 and 2 (page 24) contain the proficiency code keys used to indicate the level of training and knowledge provided by resident training and career development courses. Attachment 1 is used in the 3-level resident courses and the CDCs while attachment 2 is used in the 7-level resident course.

2.5. 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. When used as a JQS, the following requirements apply:

2.5.1. **Documentation.** Document and certify completion of training. Identify duty position requirements by circling the subparagraph number next to the task statement. As a minimum, complete the following columns in Part II of the CFETP: Training Completed, Trainee Initials, Trainer Initials, Certifier Initials (if applicable). An AFJQS may be used in lieu of Part II of the CFETP only upon approval of the AFCFM. Any training documented in this CFETP need not be duplicated in any other training document. Likewise, any training documented in another program does not need to be documented in the CFETP. Refer to AFI 36-2201 VOL III for 623a documentation guidance. **NOTE:** The AFCFM may supplement/waiver these minimum documentation procedures as needed or deemed necessary for the Career Field.

2.5.1.1. Selected STS tasks are listed in a Remove/Install format. Training and time constraints can prevent consecutive task training or certification on both removal and installation. In this situation, divide the trainee, trainer or certifier, and completion data columns with a diagonal (/) to accommodate dual entries. The trainer and trainee will enter an “R” for removal or “I” for installation and their initials adjacent to either side of the (/) in their respective columns. If separate certifications are required, divide column 3b and 3e. Enter “R” or “I”, initials, and completion date.

2.5.1.2. **Converting from previous CFETP.** Using the new CFETP, identify all duty position task required for trainee by circling the applicable sub-paragraph(s).

2.5.1.2.1. Transcribing CFETP. When the CFETP/STS is revised or becomes unserviceable, the supervisor or trainer will transcribe all data to a new CFETP/STS. Transcribe qualifications in accordance with AFI 36-2201 VOL III. An entry must be made in the 623a stating that the CFETP or applicable sub-paragraphs were transcribed this date. The date of this entry must be the same date annotated in the training completion block. Once the transcription is complete, give the old training document(s) to the trainee.

2.5.1.2.2. The work center supervisor may remove specific aircraft sections of the STS not pertaining to current duty position. The job qualification standard must contain, as a minimum, paragraphs 1 through 17 and the applicable aircraft section(s). Give the unused sections to the trainee.

2.5.1.2.3. Three-skill level trainees assigned to F-117 or B-2 units must have the F-16 or B-52 sections, respectively, maintained in their CFETP/STS until they have been awarded their 5-skill level. Three-skill level trainees assigned to AFSOC (Special Missions) must have the A-10 section maintained in their CFETP until they have been awarded their 5-skill level, completed the FTD 25mm gun course, or their duty position does not require 25mm gun training.

2.5.1.3. **Documenting Career Knowledge.** When a CDC is not available: the supervisor identifies STS training references that the trainee requires for career knowledge and ensures, as a minimum, that trainees cover the mandatory items in AFMAN 36-2108. For two-time CDC course exam failures: supervisors identify all STS items corresponding to the areas covered by the CDC. The trainee completes a study of STS references, undergoes evaluation by the task certifier, and receives certification on the STS. **NOTE:** Career Knowledge must be documented prior to submitting a CDC waiver.

2.5.1.4. **Decertification and Recertification.** When a supervisor determines an airman is unqualified on a task previously certified for their duty position, the supervisor erases the previous certification, or deletes certification when using automated system. Appropriate remarks pertaining to the reason for decertification are entered on the AF Form 623a.

2.5.2. **Training Standard.** Tasks are trained and qualified to the go/no go level. Go means the individual can perform the task without assistance and meet local demands for accuracy, timeliness, and correct use of procedures.

2.6. The 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 Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2605, *Air Force Military Personnel Testing System*. WAPS is not applicable to the Air Reserve Component.

3. Recommendations. Report unsatisfactory performance of individual course graduates using the Graduate Assessment Survey (GAS). The GAS will be reviewed by the wing weapons manager or equivalent after the immediate supervisor makes comments to make sure the response is directed toward technical training rather than personality traits. Report inadequacies and suggested corrections to this STS through channels to 363 TRS/TRRW, 520 Missile Road (Stop 244), Sheppard AFB, TX 76311-2261, DSN 736-3279 referencing specific STS paragraphs. A customer service information line (CSIL) DSN 736-5236, is available 24 hours per day to identify graduates who may have been over/under trained on task/knowledge items listed in this training standard. As well as the CSIL, there is an e-mail system to collect graduate feedback. If you wish, e-mail your responses to: <https://wbt.sheppard.af.mil/82trggas/gas/query.asp> . For a quick response to problems call DSN 736-5236.

4. In-resident training notes:

4.1. The matrix on page 25 will be used to determine munition applicability for resident course training.

4.2. For resident training, in addition to loading and unloading both a representative conventional and nuclear (if applicable) munition, all aircraft equipped with an internal gun and/or a countermeasures dispensing system will also require training to the indicated level on those systems.

4.3. Student being assigned to F-117 units will attend the F-16 (J3ABR2W131F) course due to the small number of students requiring this training.

4.4. Student being assigned to B-2 units will attend the B-52 (J3ABR2W131K) course due to the small number of students requiring this training.

4.5. Student being assigned to F/A-22 units will attend the F-15 (J3ABR2W131E) until formalized F/A-22 course becomes available.

4.6. F-15 resident training requires a Multi-Stage Improvement Program (MSIP) modified aircraft for system operational/functional checks.

4.7. F-16 resident training requires Stores Management System (SMS) loading and clearing and system operational/functional checks to be conducted on a Block 40 or later aircraft.

4.8. Special Missions 3-level trainees (J3ABR2W131Z) will be trained on the 30mm gun from the A-10 paragraph to meet the 25mm gun training requirements in 3-level resident training. These trainees are required to have both the A-10 (18) and the Special Missions (26) paragraphs of the STS maintained in their training records (if their duty position requires 25mm gun maintenance) until they successfully upgrade to the 5-skill level. The Predator will be incorporated into the special missions course and all students assigned to the Predator (MQ-X) will attend the J3ABR2W131Z Special Missions course.

4.9. The MRA program is designed to reduce the amount of training time required once a new trainee arrives at their first duty assignment. The items identified for MRA are those tasks that newly assigned airmen are most apt to perform within the first 12-months at their first duty assignment. These items were agreed upon by the AFCFM and MFMs. Any items in Column 4A(1) of the STS that are coded "3b" or "3c" receive additional emphasis and training and are task certified while in 3-skill level training at Sheppard AFB TX. After all 3b and 3c items are closed out in the classroom by the primary instructor, the trainees are individually task certified in a separate block of instruction on those items by third party evaluators before they graduate. The primary instructor and multiple instructor requirements (MIRs) will initial Column 3, item E to show completion of training. The trainees should be able to perform these tasks with minimum additional training. The MRA program does not, however, relieve the field supervisor from his/her responsibility to ensure that the trainee is actively engaged in appropriate 5-skill level UGT.

NOTE: All items trained at the schoolhouse, column 4.A(1) (as applicable), will have training start dates annotated in the airman's STS and left open for completion by the airman's first line supervisor. The training line items identified as 3b and 3c will be closed out by the trainee, trainer, and a third party certifier prior to leaving the schoolhouse.

DONALD J. WETEKAM, Lt Gen, USAF
Deputy Chief of Staff, Installations and Logistics

QUALITATIVE REQUIREMENTS - 3-Level Resident and 5/7-Level CDC Training

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Proficient)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
<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 course columns to show that training required but not given due to limitations in resources.</p> <p>NOTE 1: All tasks and knowledge items shown with a proficiency code are trained during war time.</p> <p>NOTE 2: Dual coded items (EG: 1b/b) are taught to the level identified to the right of the “/”. This coding indicates that the training level to the left is unattainable due to resource constraints.</p>		

Attachment 1

QUALITATIVE REQUIREMENTS - 7-Level Resident Training

Behavioral Statement STS Coding System	
Code	Definition
K	Task Knowledge Training - The verb selection identifies the individual’s ability to identify facts, state principles, analyze, or evaluate the subject
P	Performance Training - Identifies that the individual has performed the task to the satisfaction of the course; however, the individual may not be capable of meeting the field requirements for speed and accuracy.
pk	Performance Knowledge Training - The verb selection identifies the individual’s ability to relate simple facts, procedures, operating principles, operational theory, and perform the task.
-	No training provided in the course or CDC.
X	Training is required but not provided due to limitations in resources.
Each course objective is written as a behavioral statement. The detail of the statement and verb selection reflects the level of training provided by the resident training course.	

Attachment 2

AIRMUNITIONS MATRIX

The X denotes munitions chosen for specific resident course load and unload training (1b level) and munition characteristics training (A level). The * denotes munition characteristics training for additional munitions that are not loaded or unloaded in the respective resident course. The F denotes munitions forecasted for future training when they become available. Resource limitations may require deviations.

J3ABR2W131()	C XXX (A/OA-10)	E XXX (F-15)	F XXX (F-16)	K XXX (B-52)	L XXX (B-1)	Z XXX (SpMs)
AGM-65	X	-	-	-	-	-
AGM-86	-	-	-	X	-	-
AGM-88	-	-	X	-	-	-
AGM-130	-	X	-	-	-	-
AGM-154 (JSOW)	-	-	F	F	F	-
AGM-158 (JASSM)	-	-	F	F	F	-
AIM-7	-	X	-	-	-	-
AIM-9/AIM-9X	X	X	X	-	-	-
AIM-120	-	X	X	-	-	-
ALE-50	-	-	F	-	-	-
Ammunition	X	X	X	-	-	*
B-61	-	*	*	X	-	-
B-83	-	-	-	*	-	-
BDU-33	X	-	X	-	-	-
AGM-114 Hellfire						F
Stinger						F
SDB	-	F	F	-	-	-
BLU-109	-	-	X	-	-	-
CBU-87/89	X	-	-	-	X	-
CBU-103/104/105/107	-	-	X	F	-	-
Chaff (all types)	X	X	X	-	X	*
CSRL (8 missiles, 1 bomb)	-	-	-	X	-	-
Flares (all types)	X	X	X	*	X	*
GBU-10	X	-	-	-	-	-
GBU-12	-	X	-	-	-	-
GBU/EGBU-15	-	X	-	-	-	-
GBU-24	-	-	X	-	-	-
GBU/EGBU-27	-	F	F	-	-	-
GBU/EGBU-28	-	F	-	-	-	-
GBU-31 (JDAM)	-	-	-	-	X	-
Impulse cartridges	X	X	X	X	X	*
LAU-131	X	-	-	-	-	-
MK-82/84	-	X	-	X	X	-
MK-52	F		F			
Naval Mines	-	-	-	*	-	-
Rocket (2.75")	X	-	-	-	-	-
SUU-25	X	-	-	-	-	-
SUU-67 (6 missiles)	-	-	-	X	-	-

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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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
1 AIRCRAFT ARMAMENT SYSTEM CAREER FIELD TR: AFIs 36-2108, 36-2502, 31-501										-	-	-	-	-	-
* 1.1 Progression in the 2W1X1 Career Field										A	-	-	-B	-	-
* 1.2 Duties of AFSC 2W131/51/71										B	-	-	B	-	-
* 1.3 Relationship to Air Force Commands and Missions										B	-	-	B	-	-
2 SECURITY TR: AFIs 71-105, 31-101										-	-	-	-	-	-
2.1 Resources Security TR: AFIs 71-105, 31-101										-	-	-	-	-	-
2.1.1 Facilities										-	-	-	B	-	-
* 2.1.2 Munitions										B	-	-	B	-	-
2.1.3 Equipment and Supplies										-	-	-	B	-	-
2.1.4 Firearms										-	-	-	B	-	-
2.2 Communications Security (COMSEC) TR: DODR 5200.1, AFI 31-401										-	-	-	-	-	-
2.2.1 Classification of Information										-	-	-	-	-	-
2.2.2 MAJCOM / SOA EEFls										-	-	-	-	-	-
2.2.3 Prevention of Security Violations										-	-	-	-	-	-
2.2.4 Security Precautions Involved in Communications										-	-	-	-	-	-
* 2.3 Specific OPSEC Vulnerabilities of AFSC 2W1X1 TR: AFIs 10-1101, 31-401										B	-	-	B	-	-
* 2.4 Nuclear Surety TR: AFIs 36-2104, 91-series, 31-series										B	-	-	B	-	-
2.5 COMPUSEC										-	-	-	-	-	-
3 EXPLOSIVE SAFETY TR: TOs 00-25-172, 11A-1-33, AFI 91-101, -202, -204, AFMAN 91-201										-	-	-	-	-	-
* 3.1 Hazards										B	-	-	B	-	B
* 3.2 Weapons Safety										B	-	-	B	-	B
3.3 Net Explosive Weight and Site Planning										-	-	-	-	-	B
3.4 Site Licensing Process										-	-	-	-	-	B
3.5 Quantity-Distance (Q-D)										-	-	-	-	-	B
3.6 Handling of Explosive Loaded Aircraft										-	-	-	-	-	B
3.7 Accident, Incident, Deficiency Reports										-	-	-	-	-	B
3.8 Live Fire / Explosive Demonstration										-	-	-	-	-	-
* 3.8.1 M61 Automatic Gun										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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
* 3.8.2 Bomb Rack with Inert Bomb									B	-	-	-	-	-
* 3.8.3 Impulse Cartridge									B	-	-	-	-	-
4 AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) and ENVIRONMENTAL PROTECTION PROGRAMS									-	-	-	-	-	-
4.1 AFOSH TR: TOs 00-25-172, 11A-1-33, 31-1-141-1; AFIs 66-51, 32-2001; 32-7065, applicable AFOSH Standards; 91-series									-	-	-	-	-	-
* 4.1.1 Hazards of AFSC 2W1X1									B	-	-	B	-	-
4.1.2 AFOSH Standards for AFSC 2W1X1									-	-	-	A	K	-
* 4.1.3 Safety Practices Applicable to AFSC 2W1X1									B	-	-	B	K	-
* 4.1.4 FOD Prevention									B	-	-	B	-	-
4.2 Environmental Protection TR: AFI 32-7065; AFP 19-5; AFOSH STD 161-1; Installation Restoration Program Management Guidance Handbook									-	-	-	-	-	-
* 4.2.1 Federal Hazard Communication Training Program									A	-	-	-	-	-
4.2.2 Hazards and Toxic Waste Management									-	-	-	-	-	-
* 4.2.2.1 Functions and Responsibilities									A	-	-	-	K	-
* 4.2.2.2 Sources and Characteristics									A	-	-	-	K	-
* 4.2.2.3 Identification / Disposal									A	-	-	-	K	-
* 4.2.2.4 Hazardous Materials / Waste									A	-	-	B	K	-
5 SUPERVISION TR: TO 00-20-1; AFIs 36-2108, 36-2202, 21-101, 21-201, 91 series Applicable MDS -1 Flight Manual									-	-	-	-	-	-
5.1 Orient New Personnel									-	-	-	-	-	-
5.2 Assign Personnel to Positions									-	-	-	-	-	-
5.3 Plan Work Assignments and Priorities									-	-	-	-	-	-
5.4 Schedule Work Assignments									-	-	-	-	-	-
5.5 Establish									-	-	-	-	-	-
5.5.1 Work Methods									-	-	-	-	-	-
5.5.2 Work Controls									-	-	-	-	-	-
5.5.3 Performance Standards									-	-	-	-	-	-
5.6 Evaluate Work Performance of Subordinate Personnel									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
5.7 Resolve Technical Problems Encountered by Subordinate Personnel									-	-	-	-	-	-
5.8 Recommend Policy Changes on Utilization of Personnel and Equipment									-	-	-	-	-	-
5.9 Counsel Personnel and Resolve Individual Problems									-	-	-	-	-	-
5.10 Initiate Action to Correct Substandard Personnel Performance									-	-	-	-	-	-
5.11 Initiate Action to Commend Superior Performance									-	-	-	-	-	-
5.12 Perform Self-Inspections									-	-	-	-	-	-
5.13 Expediter									-	-	-	-	-	-
5.13.1 Flightline Communications Requirements									-	-	-	-	K	B
5.13.2 Aircraft Configuration Status Chart									-	-	-	-	K	B
5.13.3 Flightline Maintenance Requirements									-	-	-	-	-	B
5.13.4 Flightline Loading Operations Requirements									-	-	-	-	-	B
5.13.5 Proficiency Loading and Weapons Load Training									-	-	-	-	K	B
5.13.6 Aircraft Related Status Codes									-	-	-	-	K	B
5.13.7 Aircraft Status Determination by the Mission Essential Subsystems Listing (MESL)									-	-	-	-	K	B
5.13.8 Aircraft Impoundment and Release									-	-	-	-	K	B
5.13.9 Flying Schedules									-	-	-	-	K	B
5.13.10 Munitions Accountability and Reconciliation Procedures									-	-	-	-	K	-
5.13.11 Cannibalization Procedures									-	-	-	-	-	-
5.13.12 Nuclear System Fault Isolation									-	-	-	-	-	-
5.13.13 Use Forms									-	-	-	-	-	-
5.13.13.1 AF Form 2430									-	-	-	-	pk	B
5.13.13.2 AF Form 2434 or Equivalent									-	-	-	-	pk	B
6 TRAINING TR: AFI 36-2201, AFMAN 36-2236									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
6.1 Evaluate Personnel to Determine Need for Training									-	-	-	-	-	-
6.2 Plan and Supervise OJT									-	-	-	-	-	-
6.2.1 Prepare Job Qualification Standards									-	-	-	-	-	-
6.2.2 Conduct Training									-	-	-	-	-	-
6.2.3 Counsel Trainees on their Progress									-	-	-	-	-	-
6.2.4 Monitor Effectiveness of Training									-	-	-	-	-	-
6.2.4.1 Career Knowledge Upgrade									-	-	-	-	-	-
6.2.4.2 Job Proficiency Upgrade									-	-	-	-	-	-
6.2.4.3 Qualification									-	-	-	-	-	-
6.3 Maintain Training Records									-	-	-	-	-	B
6.4 Evaluate Effectiveness of Training Program									-	-	-	-	K	B
6.5 Recommend Personnel for Training TR: AFIs 36-2101, 36-2108, AFRs 50-5, 50-37, 50-39									-	-	-	-	-	-
6.6 Manage CDCs Progression									-	-	-	-	K	B
7 LOGISTICS MAINTENANCE									-	-	-	-	-	-
* 7.1 Basic Functions within the Maintenance Complex TR: AFI 21-101									A	-	-	B	-	-
* 7.2 Maintenance Data Collection TR: TO 00-20-(series); AFCSM 21-(series)									A	-	-	B	-	-
* 7.3 Processing and Controlling of Parts. TR: AFI 21-101									A	-	-	B	-	-
* 7.4 Management of Training									A	-	-	B	-	-
* 7.5 Core Automated Maintenance System (CAMS) TR: TO 00-20-(series); AFCSM 21-(series)									B	-	-	B	-	B
7.6 OPLAN / Employment Planning									-	-	-	-	-	B
7.7 Mobility Deployment Pallet Build-Up									-	-	-	-	-	B
7.8 AFTO Form 1378-2									-	-	-	-	-	B
7.9 Generation Flow Planning									-	-	-	-	-	B
7.10 Nonnuclear Consumable Annual Analysis (NCAA) and Wartime Consumable Distribution Objective (WCDO)									-	-	-	-	-	B
7.11 War Mobilization Plans									-	-	-	-	-	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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
8 MAINTENANCE AND INSPECTION									-	-	-	-	-	-
* 8.1 Maintenance Systems TR: AFI 21-101									A	-	-	B	-	B
* 8.2 Inspection Systems									A	-	-	B	-	B
8.3 Use Maintenance Data Collection Forms TR: TO 00-20-(series); AFCSM 21-(series)									-	-	-	-	-	-
* 8.3.1 AFTO Form 349									A	-	-	-	-	-
* 8.3.2 AFTO Form 350		5C							3b	-	-	-	-	-
8.4 Complete Report of Discrepancy (ROD)									-	-	-	-	-	B
* 8.5 Product Quality Deficiency Reporting (PQDR) System TR: TO 00-35D-54									A	-	-	B	-	B
8.6 Use Core Automated Maintenance System (CAMS) TR: TO 00-20-(series); AFCSM 21-(series)									-	-	-	-	-	-
* 8.6.1 Create / Schedule Job		5C							3b	-	-	-	pk	-
* 8.6.2 Open / Close Job		5C							3b	-	-	-	pk	-
* 8.6.3 Run 380 Screen Inquiry		5C							3b	-	-	-	pk	-
8.7 CAMS Management Products									-	-	-	-	-	-
8.8 CAMS Automated Histories									-	-	-	-	-	-
8.9 Tactical Interim CAMS Report									-	-	-	-	-	-
9 TECHNICAL ORDERS TR: TO 00-5-1, 00-5-15, AFI 37-161, AFPD 21-3									-	-	-	-	-	-
9.1 Manual TO System									-	-	-	-	-	-
* 9.1.1 TO System									B	-	-	B	-	-
* 9.1.2 Locate Desired Information		5C							3b	-	-	B	-	-
* 9.1.3 Use Technical Orders / Job Guides when Performing Maintenance and Inspections		5C							3b	-	-	B	-	-
* 9.1.4 Technical Order Files									A	-	-	B	-	-
9.2 Automated TO System									-	-	-	-	-	-
* 9.2.1 TO System									B/x	-	-	B/x	-	-
9.2.2 Locate Desired Information									-	-	-	-	-	-
9.2.3 Use Technical Orders / Job Guides when Performing Maintenance and Inspections									-	-	-	-	-	-
9.2.4 Technical Order Files									-	-	-	B	-	-
* 9.3 TO Improvement Program (AFTO Forms 22/27)									A	-	-	B	-	B
9.4 TO / TCTO Management									-	-	-	-	-	-
10 MAINTENANCE AND EQUIPMENT FORMS TR: TO 00-20-1									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
10.1 Aircraft Forms									-	-	-	-	-	-
10.1.1 Manual									-	-	-	-	-	-
* 10.1.1.1 Complete AFTO Form 781A									3b	-	-	B	-	B
* 10.1.1.2 Complete AFTO Form 781H									B	-	-	B	-	B
* 10.1.1.3 Complete AFTO Form 781K									B	-	-	B	-	B
10.1.2 Automated									-	-	-	-	-	-
10.1.2.1 Complete AFTO Form 781A									-	-	-	-	-	B
10.1.2.2 Complete AFTO Form 781H									-	-	-	-	-	B
10.1.2.3 Complete AFTO Form 781K									-	-	-	-	-	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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
10.2 Equipment Forms									-	-	-	-	-	-
* 10.2.1 Use AFTO Forms 244 / 245		5C							3b	-	-	B	-	B
* 10.3 Historical Records (AFTO Form 95 / Automated 95)									A	-	-	B	-	B
10.4 Condition Tags TR: AFMAN 23-110									-	-	-	-	-	-
* 10.4.1 DD Form 1574		5C							A	-	-	B	-	B
* 10.4.2 DD Form 1577 / 1577-1									A	-	-	B	-	B
* 10.4.3 DD Form 1577-2									A	-	-	B	-	B
11 SUPPLY SYSTEM TR: AFI 23-111, AFCAT 21-209, AFMAN 23-110, AFIs 21-101, 21-103, 21-200 series, TO 35-1-24									-	-	-	-	-	-
11.1 Base Supply									-	-	-	-	-	-
11.1.1 Supply Discipline									-	-	-	B	-	B
11.1.2 Issue Procedures									-	-	-	B	-	B
11.1.3 Turn-In Procedures									-	-	-	B	-	B
11.1.4 DIFM Procedures									-	-	-	B	-	B
11.1.5 SPRAM Account									-	-	-	B	-	B
11.1.6 RSP-Readiness Spares Packages									-	-	-	-	-	B
11.1.7 Stock Fund									-	-	-	-	-	B
11.1.8 AF Form 375									-	-	-	-	K	B
11.1.9 Air Force Equipment Management System (AFEMS)									-	-	-	-	K	B
11.1.10 Allowance Standards (AS)									-	-	-	-	K	B
11.2 Munitions Supply									-	-	-	-	-	-
11.2.1 Munitions Issue									-	-	-	A	-	B
11.2.2 Munitions Turn-In									-	-	-	A	-	B
11.2.3 Munitions Forecasting									-	-	-	-	-	B
11.2.4 Nuclear Ordnance Commodity Management (NOCM)									-	-	-	-	-	B
11.2.5 Items of Special Interest Reporting									-	-	-	-	-	B
* 12 CORROSION CONTROL PROCEDURES TR: TO 1-1-2									B	-	-	B	-	-
13 EQUIPMENT AND TOOLS TR: TO 0-4-6-2, Applicable equipment TO 32-1-101									-	-	-	-	-	-
* 13.1 Use Torque Wrench		5C							3b	-	-	-	-	-
13.2 Use Measuring Equipment									-	-	-	-	-	-
* 13.2.1 Thickness Gauge									3b	-	-	-	-	-
* 13.2.2 Micrometer									3b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
13.2.3 Depth Gauge									-	-	-	-	-	-
* 13.3 Use Composite Tool Kit (CTK)		5C							3c	-	-	-	-	-
13.4 Selection and Use									-	-	-	-	-	-
* 13.4.1 Common Hand Tools									3c	-	-	-	-	-
13.4.2 Bench Grinders									-	-	-	-	-	-
13.4.3 Pneumatic Power Tools									-	-	-	-	-	-
13.4.4 Electric Power Tools									-	-	-	-	-	-
13.4.5 Degreasers									-	-	-	-	-	-
14 STRUCTURAL HARDWARE TR: TOs 1-1A-8, 1-1A-15									-	-	-	-	-	-
* 14.1 Select and Use		5C							3c	-	-	-	pk	-
* 14.2 Use Safety Wiring Techniques		5C							3b	-	-	-	-	-
* 14.3 Chafing Awareness TR: TOs 00-25-234, 1-1A-8, 1-1A-14									B	-	-	B	K	-
15 GENERAL AIRCRAFT FUNDAMENTALS									-	-	-	-	-	-
15.1 Principles of Armament System Operations TR: TOs 1A-10A-2-1-1, 1A-10A-33-1-1, 1B-1B-2-94GS-00-1, 1B-2A-94GS-00-1, 1B-52H-2-31GA (series), 1B-52H-2-38GA (series), 1B-52H-33-2-1, 1B-52H-33-2-2, 1C-130A(H)-2-15, 1C-130A(U)-2-15, 1F-15-2-94GS (series), 1F-16-2-94GS-00-1, 1F-117A-2-94GS-1, 1F-117A-33-1-2, 1H-53(M)J-2-1, 1H-60(H)G-2-1									-	-	-	-	-	-
15.1.1 Bombing									-	-	-	B	-	-
15.1.2 Missile									-	-	-	B	-	-
15.1.3 Jettison									-	-	-	B	-	-
15.1.4 Chaff/Flare									-	-	-	B	-	-
15.1.5 Gun TR: TOs 1A-10A-2-94JG-6, 1F-15()-2-94JG-50-1, 1F-16()-2-94JG-50-1, 11W1-7-15-2, 11W1-12-4-32, 11W1-12-8-61, 11W1-12-11-2, 11W1-12-12-2, 11W1-12-14-2, 11W1-13-3-132, 11W1-13-5-2, 11W1-33-1-102, 11W1-33-6-2, 11W1-33-7-2, 11W2-5-2-62, NAVAIR 11-95M240D1-1									-	-	-	-	-	-
15.1.5.1 Electrical									-	-	-	B	-	-
15.1.5.2 Mechanical									-	-	-	B	-	-
15.2 Aircraft Armament Systems Maintenance TR: TOs 1A-10A-2-94JG-(series), 1B-1B-2-94JG-(series), 1B-2A-2-94JG-(series), 1B-52H-2-31JG-(series), 1B-52H-2-38JG-(series), 1F-15()-2-94JG-(series), 1F-16()-2-10JG-(series), 1F-117A-2-00JG-(series), 1H-60(H)G-112, 1B-52H-2-38JG(series), 11W1-13-6-2, 11W1-33-7-2									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
15.2.1 Aircraft Safe-for-Maintenance Procedures TR: TOs 1A-10A-2-1-1, 1A-10A-33-1-2, 1B-1B-2-05JG-10-1, 1B-1B-2-05JG-20-1, 1B-1B-2-05JG-50-1, 1B-2A-2-05JG-10-1, 1B-52H-2-2(), 1F-15()-2-05JG-00-1, 1F-16()-2-10JG-00-1, 1F-117A-2-00JG-1									-	-	-	B	-	-
15.2.2 Operational / Functional Testing TR: TOs 1A-10A-2-94JG-7, 1B-2A-2-94JG-(series), 1B-2A-16CL-1, 1B-2A-16CL-2, 1B-2A-33-2-1CL-1, 1B-2A-33-2-1CL-2, 1F-15()-2-94FI-00-(series), 1F-15()-2-94JG-31-(series), 1F-15()-2-94JG-32-(series), 1F-15()-2-94JG-50 (series), 1F-16()-2-94JG-30-1 through -4									-	-	-	B	-	-
15.2.3 Test Equipment Usage									-	-	-	B	-	-
15.2.4 Troubleshooting and Fault Isolation TR: TOs 1A-10A-94TS-2, 1B-1B-94GS-00-1, 1B-52H-2-31GA-1, 1B-52H-2-38GA-1, 1B-2A-2-94GS-00-1, 1F-15()-2-94FI-00-(series), 1F-16()-2-94FI-00-1, 1F-117A-2-94GS-1, 1C-130(A)U-94FI-50-1									-	-	-	B	K	-
15.2.5 Gun Safing and Clearing									-	-	-	B	-	-
15.2.6 Gun System Boresighting TR: TOs 1C-130A(H)-2-15, 1C-130A(U)-2-15, 1F-15()-2-94JG-73-1, 1F-16()-2-94JG-50-3, 1H-60(H)G-112									-	-	-	B	-	-
15.3 Aircraft Suspension Equipment TR: TOs 11B29-3-8-3, 11B29-3-25-2, 11B29-3-28-1, 11B29-3-35-2, 11B29-3-70-1, 11L1-2-10-1, 11L1-2-15-1									-	-	-	-	-	-
15.3.1 Nomenclature and Function of Parts									-	-	-	B	-	-
15.3.2 Principles of Operations									-	-	-	B	-	-
15.4 Weapons Loading Principles TR: TOs 1X-XX-33-X-X, 1X-XX-16									-	-	-	B	-	-
15.5 Concurrent Servicing Operations / Dual Loading Operations									-	-	-	B	-	-
16 7-SKILL LEVEL CORE TASKS									-	-	-	-	-	-
16.1 Demonstrate Procedures for PQDR (Product Quality Deficiency Report)			7C						-	-	-	-	-	-
16.2 Use and Interpret Management Database Products from CAMS			7C						-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
16.3 Perform Supervisory Production Inspection of Completed Maintenance Action on Armament Systems			7C						-	-	-	-	-	-
17 ELECTRONIC FUNDAMENTALS									-	-	-	-	-	-
17.1 Basic Terms TR: TOs 31-1-141-2, 31-1-141-5									-	-	-	-	-	-
* 17.1.1 Metric Notation									B	-	-	-	-	-
* 17.1.2 DC Terms									B	-	-	B	-	-
* 17.1.3 AC Terms									B	-	-	B	-	-
17.2 Basic Circuits TR: TOs 31-1-141-2, 31-1-141-9									-	-	-	-	-	-
* 17.2.1 Theory of Operation									B	-	-	B	-	-
* 17.2.2 Troubleshoot Circuits									2b	-	-	B	pk	-
17.3 Basic Circuits Calculations TR: TO 31-1-141-5									-	-	-	-	-	-
* 17.3.1 DC									B	-	-	-	-	-
17.3.2 AC									-	-	-	-	-	-
17.4 Resistors TR: TOs 31-1-141-2, 31-1-141-15									-	-	-	-	-	-
* 17.4.1 Theory of Operations									B	-	-	B	-	-
* 17.4.2 Isolate Faulty Resistors									2b	-	-	-	-	-
* 17.4.3 Color Code									A	-	-	-	-	-
17.5 Relays / Solenoids TR: TOs 31-1-141-2, 31-1-141-3									-	-	-	-	-	-
* 17.5.1 Theory of Operation									B	-	-	B	-	-
* 17.5.2 Isolate Faulty Relays									2b	-	-	-	-	-
17.6 Inductors TR: TOs 31-1-141-2, 31-1-141-15									-	-	-	-	-	-
17.6.1 Theory of Operation									-	-	-	-	-	-
17.6.2 Isolate Faulty Inductors									-	-	-	-	-	-
17.6.3 Calculations									-	-	-	-	-	-
17.7 Capacitors TR: TOs 31-1-141-2, 31-1-141-5, 31-1-141-15									-	-	-	-	-	-
17.7.1 Theory of Operations									-	-	-	-	-	-
17.7.2 Isolate Faulty Capacitors									-	-	-	-	-	-
17.7.3 Calculations									-	-	-	-	-	-
17.7.4 Color Code									-	-	-	-	-	-
17.8 Transformers TR: TOs 31-1-141-2, 31-1-141-5, 31-1-141-15									-	-	-	-	-	-
* 17.8.1 Theory of Operations									A	-	-	-	-	-
17.8.2 Isolate Faulty Transformers									-	-	-	-	-	-
17.8.3 Calculations									-	-	-	-	-	-
17.9 Solid State Diodes TR: TOs 31-1-141-4, 31-1-141-15									-	-	-	-	-	-
* 17.9.1 Theory of Operation									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
* 17.9.2 Isolate Faulty Solid State Diodes									2b	-	-	-	-	-
17.9.3 Specifications									-	-	-	-	-	-
17.9.4 Color Code									-	-	-	-	-	-
17.10 Bipolar Junction Transistors TR: TO 31-1-141-4									-	-	-	-	-	-
17.10.1 Theory of Operation									-	-	-	-	-	-
17.10.2 Isolate Faulty Transistors									-	-	-	-	-	-
17.10.3 Specifications									-	-	-	-	-	-
17.11 Integrated Circuits TR: TO 31-1-141-4									-	-	-	-	-	-
17.11.1 Familiarization									-	-	-	-	-	-
17.11.2 Isolate Faulty Integrated Circuits									-	-	-	-	-	-
17.11.3 Specifications									-	-	-	-	-	-
17.12 Solder / Desolder TR: TOs 00-25-234, 1-1A-14, 31-1-141-15									-	-	-	-	-	-
* 17.12.1 Soldering Safety Standards and Principles									A	-	-	-	-	-
* 17.12.2 Terminal Connections									2b	-	-	-	-	-
17.12.3 PC Boards									-	-	-	-	-	-
17.12.4 Multipin Connectors									-	-	-	-	-	-
17.12.5 Advanced Soldering Techniques									-	-	-	-	-	-
17.13 Assemble Solderless Connectors TR: TOs 1-1A-14, 31-1-141-15									-	-	-	-	-	-
* 17.13.1 Crimp									2b	-	-	B	pk	-
* 17.13.2 Coaxial									2b	-	-	B	pk	-
17.13.3 Multipin									-	-	-	B	pk	-
17.14 Use Test Equipment TR: TOs 31-1-141-1, 31-1-141-7, 31-1-141-8, 31-1-141-9, 31-1-141-10									-	-	-	-	-	-
* 17.14.1 Multimeter, Analog									2b	-	-	-	-	-
17.14.2 Oscilloscope									-	-	-	-	-	-
17.14.3 Signal Generator									-	-	-	-	-	-
17.14.4 Frequency Counter									-	-	-	-	-	-
* 17.14.5 Multimeter, Digital									3b	-	-	B	pk	-
17.14.6 Digital Logic Probe									-	-	-	-	-	-
17.14.7 Capacitor Tester									-	-	-	-	-	-
17.14.8 Capacitor Substitution Box									-	-	-	-	-	-
17.14.9 Logic Current Tracer									-	-	-	-	-	-
17.14.10 Logic Pulser									-	-	-	-	-	-
17.14.11 Logic Analyzer									-	-	-	-	-	-
17.15 Power Supply Circuits TR: TOs 31-1-141-3, 31-1-141-4, 31-1-141-9, 31-1-141-15									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
17.15.1 Theory of Operation									-	-	-	-	-	-
17.15.1.1 Rectifiers (Half-Wave, Full-Wave, Full-Wave Bridge)									-	-	-	-	-	-
17.15.1.2 Filters (Capacitor, Inductive L-Section, Pi-Section)									-	-	-	-	-	-
17.15.2 Isolate Faulty Power Supplies									-	-	-	-	-	-
17.15.3 Troubleshoot Circuits									-	-	-	-	-	-
17.16 Digital Logic Functions TR: TOs 31-1-141-4, 31-1-141-5									-	-	-	-	-	-
17.16.1 Theory of Operation (Main Logic Gates and Flip-Flops)									-	-	-	-	-	-
17.16.2 Isolate Faulty Logic Function Circuits									-	-	-	-	-	-
17.16.3 Troubleshoot Circuits									-	-	-	-	-	-
17.16.4 Logic Families (TTL and CMOS)									-	-	-	-	-	-
17.17 Logic Circuits TR: TOs 31-1-141-5, 31-1-141-13									-	-	-	-	-	-
17.17.1 Theory of Operation									-	-	-	-	-	-
17.17.1.1 Counters (Synchronous / Asynchronous Up / Down Counters)									-	-	-	-	-	-
17.17.1.2 Registers (Shift and Storage)									-	-	-	-	-	-
17.17.1.3 Combinational Logic Circuits									-	-	-	-	-	-
17.17.1.3.1 Half-Adder, Full-Adder									-	-	-	-	-	-
17.17.1.3.2 Encoder, Decoder									-	-	-	-	-	-
17.17.1.3.3 Multiplexer, Demultiplexer									-	-	-	-	-	-
17.17.1.3.4 Count Detect									-	-	-	-	-	-
17.17.2 Isolate Faulty Circuits									-	-	-	-	-	-
17.17.3 Troubleshoot Circuits									-	-	-	-	-	-
17.18 Support Subjects TR: TO 00-25-234, 31-1-141-1									-	-	-	-	-	-
* 17.18.1 Safety Applicable to Electronics									B	-	-	B	K	-
* 17.18.2 First Aid for Electrical Shock									A	-	-	B		-
* 17.18.3 Electrostatic Sensitive Devices (ESD) Control									A	-	-	B	K	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
17.19 Principles of Troubleshooting									-	-	-	-	-	-
17.19.1 Troubleshooting Procedures									-	-	-	-	K	-
17.19.2 Troubleshooting Technical Data									-	-	-	-	K	-
17.19.3 Schematic Symbols / Wiring Diagrams									-	-	-	A	K	-
17.19.4 Common Electrical Circuit Malfunctions									-	-	-	-	pk	-
17.19.5 Electrical Circuit Malfunction Isolation using Test Equipment									-	-	-	-	pk	-
17.20 Wire and Cable Repair TR: TOs 1-1A-14, 31-1-141-15									-	-	-	-	-	-
* 17.20.1 Type, Size, and Wire Repair Preparation									B	-	-	B	K	-
* 17.20.2 Connectors									B	-	-	B	pk	-
17.20.3 Flat Cable Repair									-	-	-	-	-	-
* 17.20.4 Rear-End Connector Replacement									B	-	-	-	pk	-
17.20.5 RF Connector Replacement									-	-	-	-	-	-
* 17.20.6 Coaxial Cable Connector Replacement									2b	-	-	B	pk	-
17.20.7 Triaxial Cable Connector Replacement									-	-	-	-	pk	-
* 17.20.8 Chafing Prevention Methods									B	-	-	-	pk	-
* 17.20.9 Wire Bundle Repair									2b	-	-	-	pk	-
17.20.10 MIL-STD-1760 Cable Repair									-	-	-	-	-	-
17.20.10.1 Assemble Multiple Component Pin									-	-	-	B	pk	-
17.20.10.2 Splice Braided Shield									-	-	-	B	pk	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18 A/OA-10 AIRCRAFT									-	-	-	-	-	-
18.1 Aerospace Ground Equipment TR: TOs 11-1-38, 33A2-2-27-11, 33A2-2-30-111, 34Y1-87-11, 35C2-3-304-1, 35C2-3-372-1, 35C2-3-372-11, 35C2-3-372-14, 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14, 35D3-2-25-1, 35D3-2-26-1, 35D3-2-27-1, 35D3-2-27-6WC-1, 35D3-2-27-21, 35D3-9-23-1, 35D5-3-8-31, 35E9-90-11, 35F5-5-11-22, 35F5-5-11-31, 35F5-5-16-1									-	-	-	-	-	-
18.1.1 Description									-	-	-	B	-	-
18.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
* 18.1.2.1 Inspect									3b	-	-	-	-	-
* 18.1.2.2 Operate									3b	-	-	-	-	-
* 18.1.2.3 Drive									3b	-	-	-	-	-
18.1.3 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
* 18.1.3.1 Inspect									3b	-	-	-	-	-
* 18.1.3.2 Operate									3b	-	-	-	-	-
* 18.1.3.3 Drive									3b	-	-	-	-	-
18.1.4 MHU-194/E Lift Truck									-	-	-	-	-	-
* 18.1.4.1 Inspect									1b	-	-	-	-	-
* 18.1.4.2 Operate									1b	-	-	-	-	-
18.1.5 MHU-114/E									-	-	-	-	-	-
18.1.5.1 Inspect									-	-	-	-	-	-
18.1.5.2 Maintain									-	-	-	-	-	-
18.1.6 Munitions Handling Trailers									-	-	-	-	-	-
* 18.1.6.1 Inspect									1b	-	-	B	-	-
* 18.1.6.2 Load / Unload									1b	-	-	-	-	-
18.1.6.3 Tie-Down Procedures									-	-	-	-	-	-
18.1.7 ADU-537 A/E Missile-Munitions Loading Adapter									-	-	-	-	-	-
18.1.7.1 Inspect									-	-	-	-	-	-
18.1.7.2 Maintain									-	-	-	-	-	-
18.1.7.3 Operate									-	-	-	-	-	-
18.1.8 A/M32A-60 Generator Set									-	-	-	-	-	-
18.1.8.1 Inspect									-	-	-	-	-	-
18.1.8.2 Operate									-	-	-	-	-	-
18.1.9 A/M32A-85 Generator Set									-	-	-	-	-	-
18.1.9.1 Inspect									-	-	-	-	-	-
18.1.9.2 Operate									-	-	-	-	-	-
18.1.10 A/M32A-86 Generator Set									-	-	-	-	-	-
* 18.1.10.1 Inspect									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
* 18.1.10.2 Operate									1b	-	-	-	-	-
18.1.11 Hydraulic Test Stand									-	-	-	-	-	-
18.1.11.1 Inspect									-	-	-	-	-	-
18.1.11.2 Operate									-	-	-	-	-	-
18.1.12 NF-2 Floodlight Set									-	-	-	-	-	-
18.1.12.1 Inspect									-	-	-	-	-	-
18.1.12.2 Operate									-	-	-	-	-	-
18.1.13 TF-1 Floodlight Set									-	-	-	-	-	-
18.1.13.1 Inspect									-	-	-	-	-	-
18.1.13.2 Operate									-	-	-	-	-	-
18.2 Aircraft Familiarization TR: TOs 1A-10A-2-1-1, 1A-10A-33-1-2, AFMAN 91-201									-	-	-	-	-	-
* 18.2.1 Aircraft Safety Devices									B	-	-	-	-	-
* 18.2.2 Aircraft Danger Areas									B	-	-	-	-	-
* 18.2.3 Aircraft Switches, Controls, and Indicators									A	-	-	-	-	-
* 18.2.4 Perform Aircraft Safe for Maintenance Procedures									3b	-	-	-	-	-
* 18.2.5 Apply / Remove External Electrical Power									2b	-	-	-	-	-
18.2.6 Aircraft Exterior Panels									-	-	-	-	-	-
* 18.2.6.1 Remove									b	-	-	-	-	-
* 18.2.6.2 Install									b	-	-	-	-	-
18.3 Gun System TR: TOs 1-1-1, 1-1-2, 1A-10A-2-1-1, 1A-10A-2-94JG-6, 1A-10A-2-94JG-7, 1A-10A-2-94JG-8, 1A-10A-2-94TS-2, 1A-10A-23, 1A-10A-33-1-2, 33D5-12-212-1									-	-	-	-	-	-
* 18.3.1 Nomenclature									A	-	-	-	-	-
* 18.3.2 Function of Parts									A	-	-	-	-	-
* 18.3.3 Theory of Operation									A	-	-	-	-	-
* 18.3.4 Gun System Stoppages (Jam)									A	-	-	-	-	-
* 18.3.5 Perform Gun Safing and Clearing									2b	-	-	-	-	-
18.3.6 Perform Gun System Checks									-	-	-	-	-	-
* 18.3.6.1 Operational									1b	-	-	-	-	-
* 18.3.6.2 Functional									1b	-	-	-	-	-
* 18.3.6.3 Electrical									1b	-	-	-	-	-
18.3.7 Gun System Compartment									-	-	-	-	-	-
18.3.7.1 Clean									-	-	-	-	-	-
18.3.7.2 Inspect									-	-	-	-	-	-
18.3.8 Gun Support Equipment									-	-	-	-	-	-
18.3.8.1 Inspect									-	-	-	-	-	-
18.3.8.2 Use									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
18.3.9 GAU-8/A Gun									-	-	-	-	-	-
* 18.3.9.1 Nomenclature									A	-	-	-	-	-
* 18.3.9.2 Function of Parts									A	-	-	-	-	-
* 18.3.9.3 Theory of Operation									A	-	-	-	-	-
* 18.3.9.4 Remove									1b	-	-	-	-	-
* 18.3.9.5 Disassemble									1b	-	-	-	-	-
* 18.3.9.6 Inspect									1b	-	-	-	-	-
18.3.9.7 Repair									-	-	-	-	-	-
* 18.3.9.8 Assemble									1b	-	-	-	-	-
* 18.3.9.9 Install									1b	-	-	-	-	-
18.3.10 Ammunition Drum Assembly									-	-	-	-	-	-
* 18.3.10.1 Remove									1b	-	-	-	-	-
* 18.3.10.2 Disassemble									1b	-	-	-	-	-
* 18.3.10.3 Inspect									1b	-	-	-	-	-
18.3.10.4 Repair									-	-	-	-	-	-
* 18.3.10.5 Assemble									1b	-	-	-	-	-
* 18.3.10.6 Install									1b	-	-	-	-	-
18.3.11 Conveyor Assembly									-	-	-	-	-	-
* 18.3.11.1 Remove									1b	-	-	-	-	-
18.3.11.2 Disassemble									-	-	-	-	-	-
18.3.11.3 Inspect									-	-	-	-	-	-
18.3.11.4 Repair									-	-	-	-	-	-
18.3.11.5 Assemble									-	-	-	-	-	-
* 18.3.11.6 Install									1b	-	-	-	-	-
18.3.12 Gun Barrels									-	-	-	-	-	-
18.3.12.1 Remove									-	-	-	-	-	-
18.3.12.2 Inspect									-	-	-	-	-	-
18.3.12.3 Install									-	-	-	-	-	-
18.3.13 Hydraulic Drive Assembly									-	-	-	-	-	-
* 18.3.13.1 Remove									1b	-	-	-	-	-
18.3.13.2 Disassemble									-	-	-	-	-	-
18.3.13.3 Inspect									-	-	-	-	-	-
18.3.13.4 Repair									-	-	-	-	-	-
18.3.13.5 Assemble									-	-	-	-	-	-
* 18.3.13.6 Install									1b	-	-	-	-	-
18.3.14 Entrance / Exit Unit									-	-	-	-	-	-
18.3.14.1 Remove									-	-	-	-	-	-
18.3.14.2 Disassemble									-	-	-	-	-	-
18.3.14.3 Inspect									-	-	-	-	-	-
18.3.14.4 Repair									-	-	-	-	-	-
18.3.14.5 Assemble									-	-	-	-	-	-
18.3.14.6 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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC	
18.3.15 Turnaround / Transfer Unit										-	-	-	-	-	-
18.3.15.1 Remove										-	-	-	-	-	-
18.3.15.2 Disassemble										-	-	-	-	-	-
18.3.15.3 Inspect										-	-	-	-	-	-
18.3.15.4 Repair										-	-	-	-	-	-
18.3.15.5 Assemble										-	-	-	-	-	-
18.3.15.6 Install										-	-	-	-	-	-
18.3.16 Access Unit										-	-	-	-	-	-
18.3.16.1 Remove										-	-	-	-	-	-
18.3.16.2 Disassemble										-	-	-	-	-	-
18.3.16.3 Inspect										-	-	-	-	-	-
18.3.16.4 Repair										-	-	-	-	-	-
18.3.16.5 Assemble										-	-	-	-	-	-
18.3.16.6 Install										-	-	-	-	-	-
18.3.17 Tension Equalizer										-	-	-	-	-	-
18.3.17.1 Remove										-	-	-	-	-	-
18.3.17.2 Disassemble										-	-	-	-	-	-
18.3.17.3 Inspect										-	-	-	-	-	-
18.3.17.4 Repair										-	-	-	-	-	-
18.3.17.5 Assemble										-	-	-	-	-	-
18.3.17.6 Install										-	-	-	-	-	-
18.4 Ammunition Loading System (ALA) TR: TOs 35DA15-7-3, 35D30-4-12-2										-	-	-	-	-	-
* 18.4.1 Nomenclature										A	-	-	-	-	-
* 18.4.2 Function of Parts										A	-	-	-	-	-
* 18.4.3 Cycle of Operation										A	-	-	-	-	-
18.4.4 Disassemble										-	-	-	-	-	-
* 18.4.5 Perform Periodic Inspections										1b	-	-	-	-	-
18.4.6 Assemble										-	-	-	-	-	-
18.4.7 Maintain										-	-	-	-	-	-
* 18.4.8 Use										1b	-	-	-	-	-
18.5 Stores Suspension Equipment TR: TOs 11B29-3-35-2, 11B29-3-39-2, 11B29-3-40-2, 11L1-2-10-1, 11L1-2-15-1, 11L1-2-29-2, 11L1-3-27-1, 16W6-28-2, 16W6-28-12, 16W6-28-22, 16W6-28-32, 16W6-28-42, 16W6-28-52, 35D-1-281										-	-	-	-	-	-
* 18.5.1 Nomenclature										A	-	-	-	-	-
* 18.5.2 Function of Parts										A	-	-	-	-	-
* 18.5.3 Theory of Operation										A	-	-	-	-	-
18.5.4 Pylons										-	-	-	-	-	-
* 18.5.4.1 Remove										1b	-	-	-	-	-
18.5.4.2 Disassemble										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.5.4.3 Inspect									-	-	-	-	-	-
18.5.4.4 Repair									-	-	-	-	-	-
18.5.4.5 Assemble									-	-	-	-	-	-
* 18.5.4.6 Install									1b	-	-	-	-	-
18.5.5 MAU-40 Bomb Rack									-	-	-	-	-	-
18.5.5.1 Remove									-	-	-	-	-	-
* 18.5.5.2 Disassemble									2b	-	-	-	-	-
* 18.5.5.3 Inspect									2b	-	-	-	-	-
18.5.5.4 Repair									-	-	-	-	-	-
* 18.5.5.5 Assemble									2b	-	-	-	-	-
18.5.5.6 Install									-	-	-	-	-	-
* 18.5.5.7 Perform Functional Check with Preload Circuit Test Set									2b	-	-	-	-	-
* 18.5.5.8 Perform Bench Check with MAU-12/40/50 Test Set									1b	-	-	-	-	-
* 18.5.5.9 Perform Weight Check with Proof Load Tester									1b	-	-	-	-	-
18.5.6 MAU-50 Bomb Rack									-	-	-	-	-	-
* 18.5.6.1 Remove									1b	-	-	-	-	-
18.5.6.2 Disassemble									-	-	-	-	-	-
18.5.6.3 Inspect									-	-	-	-	-	-
18.5.6.4 Repair									-	-	-	-	-	-
18.5.6.5 Assemble									-	-	-	-	-	-
* 18.5.6.6 Install									1b	-	-	-	-	-
18.5.6.7 Perform Functional Check with Preload Circuit Test Set									-	-	-	-	-	-
18.5.6.8 Perform Bench Check with MAU-12/40/50 Test Set									-	-	-	-	-	-
18.5.6.9 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
18.5.7 LAU-88 Missile Launcher									-	-	-	-	-	-
* 18.5.7.1 Remove									1b	-	-	-	-	-
18.5.7.2 Disassemble									-	-	-	-	-	-
18.5.7.3 Inspect									-	-	-	-	-	-
18.5.7.4 Repair									-	-	-	-	-	-
18.5.7.5 Assemble									-	-	-	-	-	-
* 18.5.7.6 Install									1b	-	-	-	-	-
18.5.7.7 Perform Functional Check with the ARM-136/DSM-157 Test Set									-	-	-	-	-	-
18.5.8 LAU-117 Missile Launcher									-	-	-	-	-	-
* 18.5.8.1 Remove									1b	-	-	-	-	-
18.5.8.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.5.8.3 Inspect									-	-	-	-	-	-
18.5.8.4 Repair									-	-	-	-	-	-
18.5.8.5 Assemble									-	-	-	-	-	-
* 18.5.8.6 Install									1b	-	-	-	-	-
18.5.8.7 Perform Functional Check with the ARM-136/DSM-157 Test Set									-	-	-	-	-	-
18.5.9 LAU-105 Missile Launcher									-	-	-	-	-	-
* 18.5.9.1 Remove									1b	-	-	-	-	-
* 18.5.9.2 Disassemble									2b	-	-	-	-	-
* 18.5.9.3 Inspect									2b	-	-	-	-	-
18.5.9.4 Repair									-	-	-	-	-	-
* 18.5.9.5 Assemble									2b	-	-	-	-	-
* 18.5.9.6 Install									1b	-	-	-	-	-
* 18.5.9.7 Perform Functional Check with the MLS Test Set									1b	-	-	-	-	-
* 18.5.9.8 Perform Functional Check with the Control Test Set									1b	-	-	-	-	-
18.5.10 Dual Rail Adapter									-	-	-	-	-	-
* 18.5.10.1 Remove									1b	-	-	-	-	-
18.5.10.2 Disassemble									-	-	-	-	-	-
18.5.10.3 Inspect									-	-	-	-	-	-
18.5.10.4 Repair									-	-	-	-	-	-
18.5.10.5 Assemble									-	-	-	-	-	-
* 18.5.10.6 Install									1b	-	-	-	-	-
18.5.10.7 Perform Functional Check with the Control Test Set									-	-	-	-	-	-
18.5.11 Triple Ejector Rack (TER)									-	-	-	-	-	-
* 18.5.11.1 Remove									1b	-	-	-	-	-
* 18.5.11.2 Disassemble									2b	-	-	-	-	-
* 18.5.11.3 Inspect									2b	-	-	-	-	-
18.5.11.4 Repair									-	-	-	-	-	-
* 18.5.11.5 Assemble									2b	-	-	-	-	-
* 18.5.11.6 Install									1b	-	-	-	-	-
* 18.5.11.7 Perform Functional Check with Preload Circuit Test Set									2b	-	-	-	-	-
18.5.11.8 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
18.5.12 LAU-131 Rocket Launcher									-	-	-	-	-	-
* 18.5.12.1 Remove									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.5.12.2 Disassemble									-	-	-	-	-	-
18.5.12.3 Inspect									-	-	-	-	-	-
18.5.12.4 Repair									-	-	-	-	-	-
18.5.12.5 Assemble									-	-	-	-	-	-
*18.5.12.6 Install									1b	-	-	-	-	-
18.5.12.7 Perform Functional Check with Preload Circuit Test Set									-	-	-	-	-	-
18.5.12.8 Perform Functional Check with MK-III / MK-IV Test Set / Multimeter									-	-	-	-	-	-
18.5.13 SUU-25 Dispenser									-	-	-	-	-	-
18.5.13.1 Remove									-	-	-	-	-	-
18.5.13.2 Install									-	-	-	-	-	-
18.5.13.3 Perform Functional Check with Preload Circuit Test Set									-	-	-	-	-	-
18.6 Perform Basic Post-Flight Inspections TR: TO 1A-10A-6									-	-	-	-	-	-
18.6.1 Gun									-	-	-	-	-	-
18.6.2 MAU-40/50 Bomb Rack									-	-	-	-	-	-
18.6.3 TER									-	-	-	-	-	-
18.6.4 LAU-88 Launcher									-	-	-	-	-	-
18.6.5 LAU-117 Launcher									-	-	-	-	-	-
18.6.6 LAU-105 Launcher									-	-	-	-	-	-
18.6.7 LAU-131 Launcher									-	-	-	-	-	-
18.7 Perform Special Inspections TR: 11B29-3-39-2, 11B29-3-35-2, 11L1-2-29-2, 11W1-12-10-2									-	-	-	-	-	-
18.7.1 Gun System									-	-	-	-	-	-
18.7.2 MAU-40/50									-	-	-	-	-	-
18.7.3 TER									-	-	-	-	-	-
18.7.4 Launchers									-	-	-	-	-	-
18.8 Armament System Components TR: TOs 8R3 -166-2, 11B29-3-35-2, 11B29-3-39-2, 11B29-3-40-2, 11F13-29-7-2, 11L1-2-10-1, 11L1-2-15-1, 11L1-2-22-1, 11L1-2-29-2, 11L1-3-27-1, 11W1-27-7-2, 33D5-12-211-1, 33D5-12-212-1, 33D5-12-213-1, 33D5-12-218-1, 33D5-53-13-1, 33D9-45-28-1, 33D9-54-62-1, 33D9-61-39-1									-	-	-	-	-	-
18.8.1 Component Functions									-	-	-	-	-	-
*18.8.2 Perform Fault Isolation Diagnoses									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
* 18.8.3 Perform Fault Isolation Procedures using the Interface Test Set									1b	-	-	-	-	-
18.8.4 Armament Control Panel									-	-	-	-	-	-
18.8.4.1 Remove									-	-	-	-	-	-
18.8.4.2 Repair									-	-	-	-	-	-
18.8.4.3 Install									-	-	-	-	-	-
18.8.4.4 Perform LRU Fault Isolation									-	-	-	-	-	-
18.8.4.5 Perform LRU Checks using the Control Test Set									-	-	-	-	-	-
18.8.5 Interstation Control Unit									-	-	-	-	-	-
* 18.8.5.1 Remove									b	-	-	-	-	-
* 18.8.5.2 Repair									b	-	-	-	-	-
* 18.8.5.3 Install									b	-	-	-	-	-
* 18.8.5.4 Perform LRU Fault Isolation									b	-	-	-	-	-
* 18.8.5.5 Perform LRU Checks using the Control Test Set									1b	-	-	-	-	-
18.8.6 Station Control Units									-	-	-	-	-	-
18.8.6.1 Remove									-	-	-	-	-	-
18.8.6.2 Repair									-	-	-	-	-	-
18.8.6.3 Install									-	-	-	-	-	-
18.8.6.4 Perform LRU Fault Isolation									-	-	-	-	-	-
18.8.6.5 Perform LRU Checks using the Control Test Set									-	-	-	-	-	-
18.8.7 Digital Data Processing Unit									-	-	-	-	-	-
* 18.8.7.1 Remove									b	-	-	-	-	-
18.8.7.2 Repair									-	-	-	-	-	-
* 18.8.7.3 Install									b	-	-	-	-	-
18.8.7.4 Perform LRU Fault Isolation									-	-	-	-	-	-
18.8.7.5 Perform LRU Checks using the Control Test Set									-	-	-	-	-	-
18.8.8 Gun Electronic Control Unit									-	-	-	-	-	-
18.8.8.1 Remove									-	-	-	-	-	-
18.8.8.2 Repair									-	-	-	-	-	-
18.8.8.3 Install									-	-	-	-	-	-
18.8.8.4 Perform LRU Fault Isolation									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.8.8.5 Perform Electrical Check with the A/E24T-138 Test Set									-	-	-	-	-	-
18.8.9 Guided Missile Interface Unit									-	-	-	-	-	-
18.8.9.1 Remove									-	-	-	-	-	-
18.8.9.2 Repair									-	-	-	-	-	-
18.8.9.3 Install									-	-	-	-	-	-
18.8.9.4 Perform LRU Fault Isolation									-	-	-	-	-	-
18.8.9.5 Perform LRU Checks using the Control Test Set									-	-	-	-	-	-
18.8.10 Armament Relay Box									-	-	-	-	-	-
18.8.10.1 Remove									-	-	-	-	-	-
18.8.10.2 Repair									-	-	-	-	-	-
18.8.10.3 Install									-	-	-	-	-	-
18.8.10.4 Perform LRU Fault Isolation									-	-	-	-	-	-
18.8.10.5 Perform LRU Checks using the Control Test Set									-	-	-	-	-	-
18.8.11 Armament Circuit Breaker Panel									-	-	-	-	-	-
18.8.11.1 Remove									-	-	-	-	-	-
18.8.11.2 Install									-	-	-	-	-	-
18.8.12 Electrical Test Panel									-	-	-	-	-	-
18.8.12.1 Remove									-	-	-	-	-	-
18.8.12.2 Install									-	-	-	-	-	-
18.9 Test Equipment TR: 11B29-3-25-2-12, 11B29-3-39-2-40, 11B29-3-40-2-50, 11B29-3-35-2, 33D5-12-211-1, 11L1-2-15-1, 33D9-54-62-1, 33D5-57-3-1, 11L1-3-27-1									-	-	-	-	-	-
18.9.1 Description									-	-	-	-	-	-
18.9.2 Familiarization									-	-	-	-	-	-
18.9.2.1 MAU-12/40/50 Test Set									-	-	-	-	-	-
18.9.2.2 A/E24T-138 Test Set									-	-	-	-	-	-
18.9.2.3 DSM-157/ARM136									-	-	-	-	-	-
18.9.2.4 Control Test Set									-	-	-	-	-	-
18.9.2.5 Armament Control System Interface Test Set									-	-	-	-	-	-
18.9.2.6 MK-III/MK-IV Test Set									-	-	-	-	-	-
18.9.2.7 Missile Launch System Test Set (MLSTS)									-	-	-	-	-	-
18.9.2.8 MER/TER/BRU-3 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.9.2.9 Armament Circuits Pre-Load Test Set									-	-	-	-	-	-
18.9.2.10 Detent Tester									-	-	-	-	-	-
18.9.3 Inspect									-	-	-	-	-	-
18.9.3.1 MAU-12/40/50 Test Set									-	-	-	-	-	-
18.9.3.2 A/E24T-138 Test Set									-	-	-	-	-	-
18.9.3.3 DSM-157/ARM136									-	-	-	-	-	-
18.9.3.4 Control Test Set									-	-	-	-	-	-
18.9.3.5 Armament Control System Interface Test Set									-	-	-	-	-	-
18.9.3.6 MK-III/MK-IV Test Set									-	-	-	-	-	-
18.9.3.7 Missile Launch System Test Set (MLSTS)									-	-	-	-	-	-
18.9.3.8 MER/TER/BRU-3 Test Set									-	-	-	-	-	-
18.9.3.9 Armament Circuits Pre-Load Test Set									-	-	-	-	-	-
18.9.3.10 Detent Tester									-	-	-	-	-	-
18.9.4 Maintain									-	-	-	-	-	-
18.9.4.1 MAU-12/40/50 Test Set									-	-	-	-	-	-
18.9.4.2 A/E24T-138 Test Set									-	-	-	-	-	-
18.9.4.3 DSM-157/ARM136									-	-	-	-	-	-
18.9.4.4 Control Test Set									-	-	-	-	-	-
18.9.4.5 Armament Control System Interface Test Set									-	-	-	-	-	-
18.9.4.6 MK-III/MK-IV Test Set									-	-	-	-	-	-
18.9.4.7 Missile Launch System Test Set (MLSTS)									-	-	-	-	-	-
18.9.4.8 MER/TER/BRU-3 Test Set									-	-	-	-	-	-
18.9.4.9 Armament Circuits Pre-Load Test Set									-	-	-	-	-	-
18.9.4.10 Detent Tester									-	-	-	-	-	-
18.9.5 Repair									-	-	-	-	-	-
18.9.5.1 MAU-12/40/50 Test Set									-	-	-	-	-	-
18.9.5.2 A/E24T-138 Test Set									-	-	-	-	-	-
18.9.5.3 DSM-157/ARM136									-	-	-	-	-	-
18.9.5.4 Control Test Set									-	-	-	-	-	-
18.9.5.5 Arma ment Control System Interface Test Set									-	-	-	-	-	-
18.9.5.6 MK-III/MK-IV Test Set									-	-	-	-	-	-
18.9.5.7 Missile Launch System Test Set (MLSTS)									-	-	-	-	-	-
18.9.5.8 MER/TER/BRU-3 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
18.9.5.9 Armament Circuits Pre-Load Test Set									-	-	-	-	-	-
18.9.5.10 Detent Tester									-	-	-	-	-	-
18.9.6 Modify									-	-	-	-	-	-
18.9.6.1 MAU-12/40/50 Test Set									-	-	-	-	-	-
18.9.6.2 A/E24T-138 Test Set									-	-	-	-	-	-
18.9.6.3 DSM-157/ARM136									-	-	-	-	-	-
18.9.6.4 Control Test Set									-	-	-	-	-	-
18.9.6.5 Armament Control System Interface Test Set									-	-	-	-	-	-
18.9.6.6 MK-III/MK-IV Test Set									-	-	-	-	-	-
18.9.6.7 Missile Launch System Test Set (MLSTS)									-	-	-	-	-	-
18.9.6.8 MER/TER/BRU-3 Test Set									-	-	-	-	-	-
18.9.6.9 Armament Circuits Pre-Load Test Set									-	-	-	-	-	-
18.9.6.10 Detent Tester									-	-	-	-	-	-
18.10 Fault Isolation Procedures TR: 1A-10-2-94TS-1, 1A-10A-2-94TS-2, 1A-10A-2-110-1									-	-	-	-	-	-
18.10.1 Use Fault Isolation / Troubleshooting TOs									-	-	-	-	-	-
18.10.2 Use Schematics / Wiring Diagrams									-	-	-	-	-	-
18.10.3 Use Interface Test Set									-	-	-	-	-	-
18.10.4 Troubleshoot Circuits									-	-	-	-	-	-
18.11 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1A-10A-6, 1A-10A-33-1-2, AFMAN 91-201									-	-	-	-	-	-
* 18.11.1 Characteristics									A	-	-	A	-	-
* 18.11.2 Load Nonnuclear									1b	-	-	-	-	-
* 18.11.3 Unload Nonnuclear									1b	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
19 B-1B AIRCRAFT									-	-	-	-	-	-
19.1 Aerospace Ground Equipment TR: TOs 11N-H5083-1, 11N-H5083-1CL-1, 11N-H5083-2, 11N-H5089-2, 33D3-2-26-1, 33D3-2-27-11, 33D3-2-27-6WC-1, 35A4-2-60-1, 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14, 35D3-9-21-1, 35W3-6-22-1									-	-	-	-	-	-
19.1.1 Description									-	-	-	B	-	-
19.1.2 Accessories									-	-	-	B	-	-
19.1.3 MJ-40 Bomb Lift Truck									-	-	-	-	-	-
* 19.1.3.1 Inspect									3b	-	-	-	-	-
* 19.1.3.2 Operate									3b	-	-	-	-	-
* 19.1.3.3 Drive									3b	-	-	-	-	-
* 19.1.3.4 Install Ram									3b	-	-	-	-	-
* 19.1.3.5 Remove Ram									3b	-	-	-	-	-
19.1.4 A/M32A-86 Generator Set									-	-	-	-	-	-
* 19.1.4.1 Inspect									3b	-	-	-	-	-
* 19.1.4.2 Operate									3b	-	-	-	-	-
19.1.5 Munitions Handling Trailers									-	-	-	-	-	-
* 19.1.5.1 Inspect									1b	-	-	-	-	-
* 19.1.5.2 Load / Unload									1b	-	-	-	-	-
19.1.5.3 Tie-Down Procedures									-	-	-	-	-	-
19.1.6 MHU-196/M Trailer									-	-	-	-	-	-
* 19.1.6.1 Inspect									2b	-	-	-	-	-
* 19.1.6.2 Operate									2b	-	-	-	-	-
* 19.1.6.3 Mate / Demate									2b	-	-	-	-	-
19.1.7 Split Deck Maintenance Platform									-	-	-	-	-	-
* 19.1.7.1 Inspect									3b	-	-	-	-	-
* 19.1.7.2 Operate									3b	-	-	-	-	-
19.1.8 Launcher Loader Adapter									-	-	-	-	-	-
* 19.1.8.1 Inspect									2b	-	-	-	-	-
* 19.1.8.2 Operate									2b	-	-	-	-	-
19.1.8.3 Maintain									-	-	-	-	-	-
19.1.9 Launcher / Module Handling Adapter									-	-	-	-	-	-
* 19.1.9.1 Inspect									1b	-	-	-	-	-
* 19.1.9.2 Operate									1b	-	-	-	-	-
19.1.9.3 Maintain									-	-	-	-	-	-
19.2 Aircraft Familiarization TR: TOs 1B-1B-2-05GS-00-1, 1B-1B-2-05JG-20-1, 1B-1B-2-46JG-30-1, 1B-1B-2-94GS-00-1, 1B-1B-94JS-00(Series), 1B-1B-2-95JG-00-1, 1B-1B-2-94JG-10-1									-	-	-	-	-	-
* 19.2.1 Aircraft Safety Devices									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
* 19.2.2 Aircraft Danger Areas									B	-	-	-	-	-
* 19.2.3 Stores Management System									A	-	-	-	-	-
* 19.2.4 Hardness Critical Procedures (HCP)									A	-	-	-	-	-
* 19.2.5 CITS									A	-	-	-	-	-
* 19.2.6 Perform Aircraft Safe for Maintenance Procedures									1b	-	-	-	-	-
19.2.7 Remove / Apply Aircraft Power / Cooling Air (Non-CASS)									-	-	-	-	-	-
19.2.8 Remove / Apply Aircraft Power / Cooling Air (CASS)									-	-	-	-	-	-
19.3 Stores Suspension Equipment TR: TOs 1B-1B-2-94JG30-(Series), 1B-1B-33-2-1, 11B29-3-55-1, 11B29-3-56-11, 11B29-3-65-2, 11N-L5002-(series), 11N-H5083-1, 11N-H5088-2, 11N-H5086-2									-	-	-	-	-	-
* 19.3.1 Description									A	-	-	-	-	-
* 19.3.2 Theory of Operation									A	-	-	-	-	-
* 19.3.3 Function of Parts									A	-	-	-	-	-
19.3.4 Conventional Rotary Launcher (LAU-144/A - 180 Inch)									-	-	-	-	-	-
* 19.3.4.1 Remove from Aircraft									1b	-	-	-	-	-
* 19.3.4.2 Disassemble									1b	-	-	-	-	-
* 19.3.4.3 Inspect									1b	-	-	-	-	-
19.3.4.4 Repair									-	-	-	-	-	-
* 19.3.4.5 Assemble									1b	-	-	-	-	-
* 19.3.4.6 Install on Aircraft									1b	-	-	-	-	-
* 19.3.4.7 Perform Functional Check with 750 Test Set									1b/b	-	-	-	-	-
* 19.3.4.8 Perform End of Firing Day Inspection									1b	-	-	-	-	-
* 19.3.4.9 Perform Rotary Launcher Functional Check on Aircraft									1b/b	-	-	-	-	-
19.3.4.10 Perform 60-Day Flush									-	-	-	-	-	-
19.3.4.11 Hoist with Consolidated Sling Assembly									-	-	-	-	-	-
19.3.5 Conventional Bomb Module									-	-	-	-	-	-
* 19.3.5.1 Remove from Aircraft									1b	-	-	-	-	-
* 19.3.5.2 Disassemble									1b	-	-	-	-	-
* 19.3.5.3 Inspect									1b	-	-	-	-	-
19.3.5.4 Repair									-	-	-	-	-	-
* 19.3.5.5 Assemble									1b	-	-	-	-	-
* 19.3.5.6 Install on Aircraft									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
* 19.3.5.7 Perform Functional Check with 750 Test Set									1b	-	-	-	-	-
* 19.3.5.8 Perform End of Firing Day Inspection									3b	-	-	-	-	-
* 19.3.5.9 Perform Bomb Module Functional Check on Aircraft									1b	-	-	-	-	-
19.3.5.10 Perform 60 Day Flush									-	-	-	-	-	-
19.3.5.11 Hoist with Consolidated Sling Assembly									-	-	-	-	-	-
19.3.6 Practice Bomb Adapter Rack (PBAR)									-	-	-	-	-	-
* 19.3.6.1 Remove from Module									2b	-	-	-	-	-
* 19.3.6.2 Disassemble									1b	-	-	-	-	-
* 19.3.6.3 Inspect									1b	-	-	-	-	-
19.3.6.4 Repair									-	-	-	-	-	-
* 19.3.6.5 Assemble									1b	-	-	-	-	-
* 19.3.6.6 Install on Module									2b	-	-	-	-	-
* 19.3.6.7 Perform Functional Check									1b	-	-	-	-	-
19.3.6.8 Install on Launcher									-	-	-	-	-	-
19.3.6.9 Remove from Launcher									-	-	-	-	-	-
19.3.7 14 Inch Ejector Rack									-	-	-	-	-	-
* 19.3.7.1 Remove									3b	-	-	-	-	-
* 19.3.7.2 Disassemble									2b	-	-	-	-	-
* 19.3.7.3 Inspect									2b	-	-	-	-	-
19.3.7.4 Repair									-	-	-	-	-	-
* 19.3.7.5 Assemble									2b	-	-	-	-	-
* 19.3.7.6 Install									3b	-	-	-	-	-
* 19.3.7.7 Perform Functional Check									2b	-	-	-	-	-
19.3.8 30 Inch Ejector Rack									-	-	-	-	-	-
* 19.3.8.1 Remove									2b	-	-	-	-	-
19.3.8.2 Disassemble									-	-	-	-	-	-
* 19.3.8.3 Inspect									2b	-	-	-	-	-
19.3.8.4 Repair									-	-	-	-	-	-
19.3.8.5 Assemble									-	-	-	-	-	-
* 19.3.8.6 Install									2b	-	-	-	-	-
* 19.3.8.7 Perform Functional Check									a	-	-	-	-	-
19.4 Stores Management System Components TR: TOs 1B-1B-33-2-1, 1B-1B-2-34JG-60-2, 1B-1B-2-40JG-94-1, 1B-1B-2-94JG-10-1									-	-	-	-	-	-
* 19.4.1 Component Functions									A	-	-	-	-	-
* 19.4.2 Fault Isolation Procedures									1b	-	-	-	-	-
19.4.3 Pilot Stores Panel									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 19.4.3.1 Remove									a	-	-	-	-	-
* 19.4.3.2 Install									a	-	-	-	-	-
19.4.3.3 Load ACU from DTU									-	-	-	-	-	-
* 19.4.3.4 Load ACU from MSD									1b	-	-	-	-	-
* 19.4.3.5 Perform Weapons System Ground Readiness Check									1b	-	-	-	-	-
19.4.4 Pilot Stores Jettison Panel									-	-	-	-	-	-
* 19.4.4.1 Remove									a	-	-	-	-	-
* 19.4.4.2 Install									a	-	-	-	-	-
19.4.4.3 Load ACU from DTU									-	-	-	-	-	-
* 19.4.4.4 Load ACU from MSD									1b	-	-	-	-	-
* 19.4.4.5 Perform Weapons System Ground Readiness Check									1b	-	-	-	-	-
19.4.5 Stores Management System Panel									-	-	-	-	-	-
* 19.4.5.1 Remove									a	-	-	-	-	-
* 19.4.5.2 Install									a	-	-	-	-	-
19.4.5.3 Load ACU from DTU									-	-	-	-	-	-
* 19.4.5.4 Load ACU from MSD									1b	-	-	-	-	-
* 19.4.5.5 Perform Weapons System Ground Readiness Check									1b	-	-	-	-	-
19.5 Pylon Launcher Missile Simulator (PLMS)/750 Test Set TR: TOs 1B-1B-2-94GS-00-1, 1B-1B-2-94JG-00-(series), 33D7-33-192-1									-	-	-	-	-	-
* 19.5.1 Description									A	-	-	-	-	-
19.5.2 Bomb / Ejection Unit									-	-	-	-	-	-
19.5.2.1 Perform Operational Mode Checkout									-	-	-	-	-	-
19.5.2.2 Perform Fault Isolation									-	-	-	-	-	-
19.5.3 Weapons Bay									-	-	-	-	-	-
* 19.5.3.1 Perform Operational Mode Checkout									2b	-	-	-	-	-
* 19.5.3.2 Perform Fault Isolation									2b	-	-	-	-	-
19.6 Weapons Bay Components TR: TOs 1B-1B-2-94JG-90-(Series), 1B-1B-2-94JG-90-2									-	-	-	-	-	-
* 19.6.1 Component Characteristics									A	-	-	-	-	-
19.6.2 Perform Fault Isolation									-	-	-	-	-	-
19.6.3 Proximity Switch									-	-	-	-	-	-
19.6.3.1 Remove									-	-	-	-	-	-
19.6.3.2 Install									-	-	-	-	-	-
19.6.3.3 Perform Operational Checkout									-	-	-	-	-	-
19.6.4 Proximity Switch Electrical Package									-	-	-	-	-	-
19.6.4.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
19.6.4.2 Install									-	-	-	-	-	-
19.6.4.3 Perform Operational Checkout									-	-	-	-	-	-
19.6.5 Launcher Drive Electrical Controller									-	-	-	-	-	-
19.6.5.1 Remove									-	-	-	-	-	-
19.6.5.2 Install									-	-	-	-	-	-
19.6.5.3 Perform Operational Checkout									-	-	-	-	-	-
19.6.6 Launcher Drive									-	-	-	-	-	-
* 19.6.6.1 Perform Operational Checkout									2b	-	-	-	-	-
19.6.7 Armament Ground Control Panel									-	-	-	-	-	-
19.6.7.1 Remove									-	-	-	-	-	-
19.6.7.2 Install									-	-	-	-	-	-
19.6.7.3 Perform Operational Checkout									-	-	-	-	-	-
19.7 Weapons Bay Door Drive TR: TOs 1B-1B-2-94JG-90-1, 1B-1B-2-94JG-90-2, 1B-1B-2-05JG-50-1									-	-	-	-	-	-
* 19.7.1 Perform Operational Checkout									2b	-	-	-	-	-
* 19.7.2 Operate Bay Doors Manually									3b	-	-	-	-	-
19.8 Chaff / Flare Dispensers									-	-	-	-	-	-
19.8.1 Maintain Modules									-	-	-	-	-	-
19.8.2 Perform Functional Check with Diode Test Set									-	-	-	-	-	-
19.8.3 Inspect Diode Matrix Unit Test Set									-	-	-	-	-	-
19.8.4 Maintain Diode Matrix Unit Test Set									-	-	-	-	-	-
19.9 Test Equipment TR: TOs 1-1M-33, 11N-T5096-2, 33D7-38-127-1, 33D5-53-15-1, 33D7-33-192-1									-	-	-	-	-	-
19.9.1 Description									-	-	-	-	-	-
19.9.2 Familiarization									-	-	-	-	-	-
19.9.2.1 Conventional Bomb Module Tester (750A Test Set)									-	-	-	-	-	-
19.9.2.2 Junction Box Ejector Rack Test Set									-	-	-	-	-	-
19.9.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 19.9.3.1 Conventional Bomb Module Tester (750A Test Set)									1b	-	-	-	-	-
19.9.3.2 Junction Box Ejector Rack Test Set									-	-	-	-	-	-
19.9.4 Maintain									-	-	-	-	-	-
19.9.4.1 Conventional Bomb Module Tester (750A Test Set)									-	-	-	-	-	-
19.9.4.2 Junction Box Ejector Rack Test Set									-	-	-	-	-	-
19.9.5 Repair									-	-	-	-	-	-
19.9.5.1 Conventional Bomb Module Tester (750A Test Set)									-	-	-	-	-	-
19.9.5.2 Junction Box Ejector Rack Test Set									-	-	-	-	-	-
19.9.6 Modify									-	-	-	-	-	-
19.9.6.1 Conventional Bomb Module Tester (750A Test Set)									-	-	-	-	-	-
19.9.6.2 Junction Box Ejector Rack Test Set									-	-	-	-	-	-
19.10 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1B-1B-33-2-1, 1B-1B-33-2-1CL-(series)									-	-	-	-	-	-
* 19.10.1 Characteristics									A	-	-	A	-	-
19.10.2 Conventional Rotary Launcher (LAU-144/A)									-	-	-	-	-	-
* 19.10.2.1 Load									1b	-	-	-	-	-
* 19.10.2.2 Unload									1b	-	-	-	-	-
19.10.3 Conventional Bomb Module									-	-	-	-	-	-
* 19.10.3.1 Load									1b	-	-	-	-	-
* 19.10.3.2 Unload									1b	-	-	-	-	-
19.10.4 Chaff / Flare Module									-	-	-	-	-	-
* 19.10.4.1 Load									1b	-	-	-	-	-
* 19.10.4.2 Unload									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
20 B-2A AIRCRAFT									-	-	-	-	-	-
20.1 Aerospace Ground Equipment TR: 11A-1-38, 34Y1-87-11, 35C2-3-372-1, 35D3-2-25-1, 35D3-2-27-1, 35D5-3-8-31, 35E9-90-41, 35F5-5-11-1, 35F5-5-15-1, 35E-10-34-1, 34E-10-33-1									-	-	-	-	-	-
20.1.1 Description TR: Applicable equipment TOs									-	-	-	B	-	-
20.1.2 Accessories TR: Applicable equipment TOs									-	-	-	B	-	-
20.1.3 Munitions Handling Trailers TR: TOs 35D3-2-26-1, 35D3-2-27-1, 35D3-2-27-11, 35D3-2-27-21, 35D3-2-27-6WC-1									-	-	-	-	-	-
20.1.3.1 Inspect									-	-	-	-	-	-
20.1.3.2 Load / Unload									-	-	-	-	-	-
20.1.3.3 Tie-Down Procedures									-	-	-	-	-	-
20.1.4 MJ-40 Bomb Lift Truck TR: TO 35D3-9-21-1									-	-	-	-	-	-
20.1.4.1 Inspect									-	-	-	-	-	-
20.1.4.2 Operate									-	-	-	-	-	-
20.1.4.3 Drive									-	-	-	-	-	-
20.1.5 MHU-83 Bomb Lift Truck TR: TO 35D5-3-8-31									-	-	-	-	-	-
20.1.5.1 Inspect									-	-	-	-	-	-
20.1.5.2 Operate									-	-	-	-	-	-
20.1.5.3 Drive									-	-	-	-	-	-
20.1.6 MHU-204/M Trailer TR: 11N-H5083-2-1, 11N-H5083-1CL-1									-	-	-	-	-	-
20.1.6.1 Inspect									-	-	-	-	-	-
20.1.6.2 Operate									-	-	-	-	-	-
20.1.6.3 Perform Mate / Demate Procedures									-	-	-	-	-	-
20.1.7 A/M32A-60 Generator Set TR: TOs 35C2-3-372-1, 35C2-3-372-11, 35C2-3-372-14									-	-	-	-	-	-
20.1.7.1 Inspect									-	-	-	-	-	-
20.1.7.2 Operate									-	-	-	-	-	-
20.1.8 A/M32A-86 Generator Set TR: TOs 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14									-	-	-	-	-	-
20.1.8.1 Inspect									-	-	-	-	-	-
20.1.8.2 Operate									-	-	-	-	-	-
20.2 Aircraft Familiarization TR: TOs 1B-2A-16, 1B-2A-33-2-1, 1B-2A-2-01JG-(series), 1B-2A-2-05JG-(series), 1B-2A-2-94GS-00-1									-	-	-	-	-	-
20.2.1 Access Doors and Panels									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
20.2.2 Ground Handling and Safety									-	-	-	-	-	-
20.2.3 Stores Management System									-	-	-	-	-	-
20.2.4 Nuclear Enable System									-	-	-	-	-	-
20.2.5 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
20.2.6 Electrically Operate Weapons Bay Doors									-	-	-	-	-	-
20.2.7 Remove / Apply Aircraft Power / Cooling Air (Non-CASS)									-	-	-	-	-	-
20.2.8 Remove / Apply Aircraft Power / Cooling Air (CASS)									-	-	-	-	-	-
20.2.9 Perform MMS Command Disable System Recode Procedures									-	-	-	-	-	-
20.2.10 Install/Remove Maintenance Write Cartridge									-	-	-	-	-	-
20.2.11 Interpret On-Board Test Set Ground Printer Expanded Data									-	-	-	-	-	-
20.3 Stores Suspension Equipment TR: TOs 1B-2A-6, 1B-2A-33-2-1, 11B29-3-70-1, 11B29-3-66-1, 11N-L5006-1, 11N-L5006-2, 33D5-53-13-1									-	-	-	-	-	-
20.3.1 BRU-44									-	-	-	-	-	-
20.3.1.1 Theory of Operation									-	-	-	-	-	-
20.3.1.2 Remove from RLA									-	-	-	-	-	-
20.3.1.3 Disassemble									-	-	-	-	-	-
20.3.1.4 Clean									-	-	-	-	-	-
20.3.1.5 Inspect									-	-	-	-	-	-
20.3.1.5.1 After Fire									-	-	-	-	-	-
20.3.1.5.2 30 Day / 10 Fire									-	-	-	-	-	-
20.3.1.5.3 24 Month									-	-	-	-	-	-
20.3.1.5.4 50 Fire									-	-	-	-	-	-
20.3.1.6 Repair									-	-	-	-	-	-
20.3.1.7 Assemble									-	-	-	-	-	-
20.3.1.8 Install on RLA									-	-	-	-	-	-
20.3.1.9 Weight Check with Proof Load Tester									-	-	-	-	-	-
20.3.1.10 Leak Check									-	-	-	-	-	-
20.3.1.11 Hook Torque Check									-	-	-	-	-	-
20.3.1.12 Perform Bench Check with MAU-12/40/50 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
20.3.1.13 Perform Bench Check with Common Organizational Level Tester (COLT)										-	-	-	-	-	-
20.3.1.14 Perform on Aircraft Functional Check										-	-	-	-	-	-
20.3.2 BRA / SBRA										-	-	-	-	-	-
20.3.2.1 Remove from Aircraft										-	-	-	-	-	-
20.3.2.2 Disassemble										-	-	-	-	-	-
20.3.2.3 Inspect										-	-	-	-	-	-
20.3.2.4 Repair										-	-	-	-	-	-
20.3.2.5 Assemble										-	-	-	-	-	-
20.3.2.6 Reconfigure										-	-	-	-	-	-
20.3.2.7 Install on Aircraft										-	-	-	-	-	-
20.3.2.8 Perform Functional Check										-	-	-	-	-	-
20.3.2.9 Bomb Release Controller										-	-	-	-	-	-
20.3.2.9.1 Remove from BRA										-	-	-	-	-	-
20.3.2.9.2 Inspect										-	-	-	-	-	-
20.3.2.9.3 Install on BRA										-	-	-	-	-	-
20.3.2.9.4 Perform Operational Check										-	-	-	-	-	-
20.3.2.9.5 Remove from SBRA										-	-	-	-	-	-
20.3.2.9.6 Install on SBRA										-	-	-	-	-	-
20.3.2.10 Use Storage and Transport Pallet										-	-	-	-	-	-
20.3.3 RLA										-	-	-	-	-	-
20.3.3.1 Install / Remove from Aircraft using MHU-204 Trailer										-	-	-	-	-	-
20.3.3.2 Install / Remove from Aircraft using RLA I & R Adapter with MHU-83 Bomb Lift Truck										-	-	-	-	-	-
20.3.3.3 Install / Remove SMU-105 and Junction Box										-	-	-	-	-	-
20.3.3.4 Reconfigure										-	-	-	-	-	-
20.3.3.5 Inspect										-	-	-	-	-	-
20.3.3.6 Perform Postload Functional Checks										-	-	-	-	-	-
20.3.3.7 Perform Manual RLA Rotation										-	-	-	-	-	-
20.4 Remove Stores Management System Components TR: TO 1B-2A-2-94JG-10-1										-	-	-	-	-	-
20.4.1 Power Control Assembly										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
20.4.2 Stores Management Processor										-	-	-	-	-	-
20.4.3 Armament Interface Unit										-	-	-	-	-	-
20.4.4 Weapons Bay Ground Control Panel										-	-	-	-	-	-
20.4.5 Consent / Arm Panel										-	-	-	-	-	-
20.4.6 Jettison Enable Panel										-	-	-	-	-	-
20.4.7 Manual Weapons Release Panel										-	-	-	-	-	-
20.4.8 Weapons Door Safe Lock Control										-	-	-	-	-	-
20.5 Install Stores Management System Components TR: TO 1B-2A-2-94JG-10-1										-	-	-	-	-	-
20.5.1 Power Control Assembly										-	-	-	-	-	-
20.5.2 Stores Management Processor										-	-	-	-	-	-
20.5.3 Armament Interface Unit										-	-	-	-	-	-
20.5.4 Weapons Bay Ground Control Panel										-	-	-	-	-	-
20.5.5 Consent / Arm Panel										-	-	-	-	-	-
20.5.6 Jettison Enable Panel										-	-	-	-	-	-
20.5.7 Manual Weapons Release Panel										-	-	-	-	-	-
20.5.8 Weapons Door Safe Lock Control										-	-	-	-	-	-
20.6 Weapons Suspension System TR: TOs 11LA14-4-2, 0-4-6-2, 1B-2A-2-94JG (Series)										-	-	-	-	-	-
20.6.1 System Operational Checkout										-	-	-	-	-	-
20.6.2 Hydraulic Switching Valve										-	-	-	-	-	-
20.6.2.1 Remove										-	-	-	-	-	-
20.6.2.2 Install										-	-	-	-	-	-
20.6.3 Forward Clip-In Fitting										-	-	-	-	-	-
20.6.3.1 Remove										-	-	-	-	-	-
20.6.3.2 Install										-	-	-	-	-	-
20.6.4 Aft Clip-In Fitting										-	-	-	-	-	-
20.6.4.1 Remove										-	-	-	-	-	-
20.6.4.2 Install										-	-	-	-	-	-
20.6.4.3 Adjust										-	-	-	-	-	-
20.6.5 Forward RLA Torque Limiters										-	-	-	-	-	-
20.6.5.1 Remove										-	-	-	-	-	-
20.6.5.2 Install										-	-	-	-	-	-
20.7 Ground Control Panel TR: TO 1B-2A-2-94JG-10-1										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
20.7.1 Disassemble									-	-	-	-	-	-
20.7.2 Inspect									-	-	-	-	-	-
20.7.3 Repair									-	-	-	-	-	-
20.7.4 Assemble									-	-	-	-	-	-
20.7.5 Perform Prefunctional Continuity and Isolation Check									-	-	-	-	-	-
20.7.6 Perform Functional Check									-	-	-	-	-	-
20.8 Test Equipment TR: TOs 31S5-4-3682-1, 33A39-71-1, 33D2-27-57-1, 33D2-27-57-61, 33D5-12-243-1, 33D7-77-83-1, 33K6-4433-1, 35D5-53-13-1									-	-	-	-	-	-
20.8.1 Description									-	-	-	-	-	-
20.8.2 Familiarization									-	-	-	-	-	-
20.8.2.1 Proof Load Tester									-	-	-	-	-	-
20.8.2.2 Bonding Meter T477W									-	-	-	-	-	-
20.8.2.3 Weapons Release System Test Set TTU-544									-	-	-	-	-	-
20.8.2.4 TTU-495 Printer									-	-	-	-	-	-
20.8.2.5 Stores Management System Test Set									-	-	-	-	-	-
20.8.2.6 MAU-12/40/50 Test Set									-	-	-	-	-	-
20.8.2.7 Tension Resistance Meter									-	-	-	-	-	-
20.8.2.8 Common Organizational Level Tester (COLT)									-	-	-	-	-	-
20.8.3 Inspect									-	-	-	-	-	-
20.8.3.1 Proof Load Tester									-	-	-	-	-	-
20.8.3.2 Bonding Meter T477W									-	-	-	-	-	-
20.8.3.3 Weapons Release System Test Set TTU-544									-	-	-	-	-	-
20.8.3.4 TTU-495 Printer									-	-	-	-	-	-
20.8.3.5 Stores Management System Test Set									-	-	-	-	-	-
20.8.3.6 MAU-12/40/50 Test Set									-	-	-	-	-	-
20.8.3.7 Tension Resistance Meter									-	-	-	-	-	-
20.8.3.8 Common Organizational Level Tester (COLT)									-	-	-	-	-	-
20.8.4 Maintain									-	-	-	-	-	-
20.8.4.1 Proof Load Tester									-	-	-	-	-	-
20.8.4.2 Bonding Meter T477W									-	-	-	-	-	-
20.8.4.3 Weapons Release System Test Set TTU-544									-	-	-	-	-	-
20.8.4.4 TTU-495 Printer									-	-	-	-	-	-
20.8.4.5 Stores Management System Test Set									-	-	-	-	-	-
20.8.4.6 MAU-12/40/50 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
20.8.4.7 Tension Resistance Meter									-	-	-	-	-	-
20.8.4.8 Common Organizational Level Tester (COLT)									-	-	-	-	-	-
20.8.5 Repair									-	-	-	-	-	-
20.8.5.1 Proof Load Tester									-	-	-	-	-	-
20.8.5.2 Bonding Meter T477W									-	-	-	-	-	-
20.8.5.3 Weapons Release System Test Set TTU-544									-	-	-	-	-	-
20.8.5.4 TTU-495 Printer									-	-	-	-	-	-
20.8.5.5 Stores Management System Test Set									-	-	-	-	-	-
20.8.5.6 MAU-12/40/50 Test Set									-	-	-	-	-	-
20.8.5.7 Tension Resistance Meter									-	-	-	-	-	-
20.8.5.8 Common Organizational Level Tester (COLT)									-	-	-	-	-	-
20.8.6 Modify									-	-	-	-	-	-
20.8.6.1 Proof Load Tester									-	-	-	-	-	-
20.8.6.2 Bonding Meter T477W									-	-	-	-	-	-
20.8.6.3 Weapons Release System Test Set TTU-544									-	-	-	-	-	-
20.8.6.4 TTU-495 Printer									-	-	-	-	-	-
20.8.6.5 Stores Management System Test Set									-	-	-	-	-	-
20.8.6.6 MAU-12/40/50 Test Set									-	-	-	-	-	-
20.8.6.7 Tension Resistance Meter									-	-	-	-	-	-
20.8.6.8 Common Organizational Level Tester (COLT)									-	-	-	-	-	-
20.9 Support Equipment TR: TOs 11B29-3-66-1, 11N-C5062-2, AFOSHSTD 91-46									-	-	-	-	-	-
20.9.1 Inspect									-	-	-	-	-	-
20.9.1.1 Bomb Rack Stanchion / Transverse Beam / Interface Unit Sling									-	-	-	-	-	-
20.9.1.2 Bomb Rack Assembly Aircraft Maintenance Sling									-	-	-	-	-	-
20.9.1.3 Bomb Rack Assembly Maintenance Stand									-	-	-	-	-	-
20.9.1.4 Empty Bomb Rack Storage and Transport Pallet									-	-	-	-	-	-
20.9.1.5 Power Supply									-	-	-	-	-	-
20.9.1.6 Adapter Cable Breakout Box									-	-	-	-	-	-
20.9.1.7 Hoist (Overhead / Trestle)									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
20.9.1.8 Rotary Launcher I & R Adapter (RLA)									-	-	-	-	-	-
20.9.2 Use									-	-	-	-	-	-
20.9.2.1 Bomb Rack Stanchion / Transverse Beam / Interface Unit Sling									-	-	-	-	-	-
20.9.2.2 Bomb Rack Assembly Aircraft Maintenance Sling									-	-	-	-	-	-
20.9.2.3 Bomb Rack Assembly Maintenance Stand									-	-	-	-	-	-
20.9.2.4 Empty Bomb Rack Storage and Transport Pallet									-	-	-	-	-	-
20.9.2.5 Power Supply									-	-	-	-	-	-
20.9.2.6 Adapter Cable Breakout Box									-	-	-	-	-	-
20.9.2.7 Hoist (Overhead / Trestle)									-	-	-	-	-	-
20.9.2.8 Rotary Launcher I & R Adapter (RLA)									-	-	-	-	-	-
20.10 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1B-2A-16, 1B-2A-16CL-1, 1B-2A-16CL-2, 1B-2A-33-2-1, 1B-2A-33-2-1CL-1, 1B-2A-33-2-1CL-2									-	-	-	-	-	-
20.10.1 Characteristics									-	-	-	A	-	-
20.10.2 Nuclear									-	-	-	-	-	-
20.10.2.1 Load									-	-	-	-	-	-
20.10.2.2 Unload									-	-	-	-	-	-
20.10.3 Nonnuclear									-	-	-	-	-	-
20.10.3.1 Load									-	-	-	-	-	-
20.10.3.2 Unload									-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
21 B-52H AIRCRAFT									-	-	-	-	-	-
21.1 Aerospace Ground Equipment TR: TO 35D3-2-25-1, 35D5-3-8-31, 35D3-2-27-1, 35D3-2-27-11, 35D3-2-27-21, 35D3-2-27-6WC-1, 35D3-2-27-6WC-2, 11N-H5015A-2, 11N-H5083-2, 11N-H5083-2-1, 11N-H5083-1CL-1, 35C2-3-372-1, 35C2-3-372-11, 35C2-3-372-14, 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14, 35F5-5-11-22, 35F5-5-11-31, 35F5-5-16-1, 35E9-9-61, 1B-52H-2-38JG-1, 1B-52H-2-38JG-17, 1B-52H-16, 35D12-2-14-1									-	-	-	-	-	-
21.1.1 Description									-	-	-	B	-	-
21.1.2 Accessories									-	-	-	B	-	-
21.1.3 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
* 21.1.3.1 Inspect									3b	-	-	-	-	-
* 21.1.3.2 Operate									3b	-	-	-	-	-
* 21.1.3.3 Drive									3b	-	-	-	-	-
21.1.4 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
* 21.1.4.1 Inspect									3b	-	-	-	-	-
* 21.1.4.2 Operate									3b	-	-	-	-	-
* 21.1.4.3 Drive									3b	-	-	-	-	-
21.1.5 Munitions Handling Trailers									-	-	-	-	-	-
* 21.1.5.1 Inspect									1b	-	-	-	-	-
* 21.1.5.2 Load / Unload									1b	-	-	-	-	-
21.1.5.3 Tie-Down Procedures									-	-	-	-	-	-
21.1.6 MHU-7/M Trailer									-	-	-	-	-	-
21.1.6.1 Inspect									-	-	-	-	-	-
21.1.6.2 Operate									-	-	-	-	-	-
21.1.7 MHU-196/204 Trailer									-	-	-	-	-	-
* 21.1.7.1 Inspect									2b	-	-	-	-	-
* 21.1.7.2 Operate									2b	-	-	-	-	-
21.1.8 A/M32A-60 Generator Set									-	-	-	-	-	-
21.1.8.1 Inspect									-	-	-	-	-	-
21.1.8.2 Operate									-	-	-	-	-	-
21.1.9 A/M32A-86 Generator Set									-	-	-	-	-	-
* 21.1.9.1 Inspect									3b	-	-	-	-	-
* 21.1.9.2 Operate									3b	-	-	-	-	-
21.1.10 NF-2 Floodlight Set									-	-	-	-	-	-
21.1.10.1 Inspect									-	-	-	-	-	-
21.1.10.2 Operate									-	-	-	-	-	-
21.1.11 TF-1 Floodlight Set									-	-	-	-	-	-
21.1.11.1 Inspect									-	-	-	-	-	-
21.1.11.2 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
21.1.12 MA-3(D) Air Conditioning Unit									-	-	-	-	-	-
* 21.1.12.1 Inspect									1b	-	-	-	-	-
* 21.1.12.2 Operate									1b	-	-	-	-	-
21.1.13 Nitrogen Servicing Cart									-	-	-	-	-	-
21.1.13.1 Inspect									-	-	-	-	-	-
21.1.13.2 Operate									-	-	-	-	-	-
21.1.14 A/M32A-95 Gas Turbine Compressor									-	-	-	-	-	-
* 21.1.14.1 Inspect									3b	-	-	-	-	-
* 21.1.14.2 Operate									3b	-	-	-	-	-
21.2 Aircraft Familiarization TR: TOs 1B-52H-16, 1B-52H-33-2-1, 1B-52H-2-31GA-1, 1B-52H-2-38GA-1, 1B-52H-2-2JG (Series), 1B-52H-2-32JG (Series), 1B-52H-2-38JG (Series), 1B-52H-2-1, 1B-52H-2-2-1, 1B-52H-6, 11B29-3-22-2, 11B29-3-25-2									-	-	-	-	-	-
* 21.2.1 Aircraft Safety Devices									B	-	-	-	-	-
* 21.2.2 Aircraft Danger Areas									B	-	-	-	-	-
* 21.2.3 Aircraft Switches, Controls, and Indicators									A	-	-	-	-	-
* 21.2.4 Perform Aircraft Safe for Maintenance Procedures									3b	-	-	-	-	-
* 21.2.5 Apply / Remove Main External Electrical Power									3b	-	-	-	-	-
21.2.6 Perform Basic Post-Flight Inspections									-	-	-	-	-	-
* 21.2.6.1 MAU-12 Bomb Rack									3b	-	-	-	-	-
* 21.2.6.2 MER 1-6									b	-	-	-	-	-
21.2.6.3 BDU-48 Adapter									-	-	-	-	-	-
* 21.2.6.4 Cluster Bomb Rack									1b	-	-	-	-	-
21.3 Stores Suspension Equipment									-	-	-	-	-	-
* 21.3.1 Description									A	-	-	-	-	-
* 21.3.2 Function of Parts									A	-	-	-	-	-
* 21.3.3 Theory of Operation									A	-	-	-	-	-
21.3.4 Stub Wing Pylon TR: TOs 1B-52H-31JG-(Series), 11B29-3-52-2, 16W6-47-2									-	-	-	-	-	-
21.3.4.1 Remove									-	-	-	-	-	-
21.3.4.2 Disassemble									-	-	-	-	-	-
21.3.4.3 Inspect									-	-	-	-	-	-
21.3.4.4 Repair									-	-	-	-	-	-
21.3.4.5 Assemble									-	-	-	-	-	-
21.3.4.6 Install									-	-	-	-	-	-
21.3.5 AGM-28 Wing Pylon TR: TOs 1B-52H-2-31JG-(Series), 11B29-3-52-2									-	-	-	-	-	-
* 21.3.5.1 Remove									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
21.3.5.2 Disassemble									-	-	-	-	-	-
21.3.5.3 Inspect									-	-	-	-	-	-
21.3.5.4 Repair									-	-	-	-	-	-
21.3.5.5 Assemble									-	-	-	-	-	-
* 21.3.5.6 Install									1b	-	-	-	-	-
21.3.6 ICSMS Pylon Assembly TR: TOs 1B-52H-2-31JG-(Series), 16W6-47-2									-	-	-	-	-	-
* 21.3.6.1 Remove									2b	-	-	-	-	-
21.3.6.2 Disassemble									-	-	-	-	-	-
* 21.3.6.3 Inspect									2b	-	-	-	-	-
21.3.6.4 Repair									-	-	-	-	-	-
21.3.6.5 Assemble									-	-	-	-	-	-
* 21.3.6.6 Install									2b	-	-	-	-	-
21.3.7 Heavy Stores Adapter Beam TR: TOs 1B-52H-2-31JG-(Series), 11B29-3-52-2, 16W6-47-2									-	-	-	-	-	-
21.3.7.1 Remove									-	-	-	-	-	-
21.3.7.2 Disassemble									-	-	-	-	-	-
21.3.7.3 Inspect									-	-	-	-	-	-
21.3.7.4 Repair									-	-	-	-	-	-
21.3.7.5 Assemble									-	-	-	-	-	-
21.3.7.6 Install									-	-	-	-	-	-
21.3.8 MER 1-6 TR: TOs 1B-52H-2-31JG-5-2, 11B29-3-22-2									-	-	-	-	-	-
* 21.3.8.1 Remove									2b	-	-	-	-	-
* 21.3.8.2 Disassemble									2b	-	-	-	-	-
* 21.3.8.3 Inspect									2b	-	-	-	-	-
21.3.8.4 Repair									-	-	-	-	-	-
* 21.3.8.5 Assemble									2b	-	-	-	-	-
* 21.3.8.6 Install									2b	-	-	-	-	-
21.3.9 MER Adapter Beam TR: TOs 1B-52H-2-31JG-5-2, 11B29-3-52-2									-	-	-	-	-	-
21.3.9.1 Remove									-	-	-	-	-	-
21.3.9.2 Disassemble									-	-	-	-	-	-
21.3.9.3 Inspect									-	-	-	-	-	-
21.3.9.4 Repair									-	-	-	-	-	-
21.3.9.5 Assemble									-	-	-	-	-	-
21.3.9.6 Install									-	-	-	-	-	-
21.3.10 Cluster Bomb Rack TR: TOs 1B-52H-2-31JG-5-1, 11B29-3-21-2, 11B38-2-5-1									-	-	-	-	-	-
* 21.3.10.1 Remove									3b	-	-	-	-	-
* 21.3.10.2 Inspect									2b	-	-	-	-	-
* 21.3.10.3 Install									3b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
21.3.11 Cluster Bomb Rack Adapter TR: : TOs 1B-52H-2-31JG-5-1, ACC Message									-	-	-	-	-	-
21.3.11.1 Remove									-	-	-	-	-	-
21.3.11.2 Disassemble									-	-	-	-	-	-
21.3.11.3 Inspect									-	-	-	-	-	-
21.3.11.4 Repair									-	-	-	-	-	-
21.3.11.5 Assemble									-	-	-	-	-	-
21.3.11.6 Install									-	-	-	-	-	-
21.3.12 A-6 Bomb Release Unit TR: TOs 11B29-3-21-2, 11B38-2-5-1									-	-	-	-	-	-
* 21.3.12.1 Remove									3b	-	-	-	-	-
* 21.3.12.2 Inspect									3b	-	-	-	-	-
* 21.3.12.3 Install									3b	-	-	-	-	-
21.3.13 B-11 Bomb Shackle TR: TO 11B40-2-4-3									-	-	-	-	-	-
* 21.3.13.1 Disassemble									2b	-	-	-	-	-
* 21.3.13.2 Inspect									2b	-	-	-	-	-
* 21.3.13.3 Assemble									2b	-	-	-	-	-
21.3.14 MAU-6 TR: TOs 1B-52H-2-31JG-(Series), 11B29-3-52-2									-	-	-	-	-	-
21.3.14.1 Remove									-	-	-	-	-	-
21.3.14.2 Rig									-	-	-	-	-	-
21.3.14.3 Install									-	-	-	-	-	-
21.3.15 CSRL Yokes TR: TOs 1B-52H-2-31JG-(Series), 11B29-3-52-2									-	-	-	-	-	-
* 21.3.15.1 Remove									3b	-	-	-	-	-
21.3.15.2 Disassemble									-	-	-	-	-	-
* 21.3.15.3 Inspect									1b	-	-	-	-	-
21.3.15.4 Repair									-	-	-	-	-	-
21.3.15.5 Assemble									-	-	-	-	-	-
* 21.3.15.6 Install									3b	-	-	-	-	-
21.3.16 CSRL (Empty) TR: TOs 1B-52H-2-31JG-(Series), 11B29-3-52-2									-	-	-	-	-	-
21.3.16.1 Remove									-	-	-	-	-	-
21.3.16.2 Install									-	-	-	-	-	-
21.3.17 MAU-12 TR: TOs 1B-52H-2-31JG-(Series), 11B-29-3-25-2, 11W6-47-2, 35D5-53-13-1									-	-	-	-	-	-
* 21.3.17.1 Remove from Heavy Stores Adapter Beam									3b	-	-	-	-	-
* 21.3.17.2 Disassemble									2b	-	-	-	-	-
* 21.3.17.3 Inspect									2b	-	-	-	-	-
21.3.17.4 Repair									-	-	-	-	-	-
* 21.3.17.5 Assemble									2b	-	-	-	-	-
* 21.3.17.6 Install on Heavy Stores Adapter Beam									3b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 21.3.17.7 Perform Bench Check with MAU-12/40/50 Test Set									2b	-	-	-	-	-
* 21.3.17.8 Perform Weight Check with Proof Load Tester									2b	-	-	-	-	-
21.3.17.9 Perform End-of-Firing-Day Inspection									-	-	-	-	-	-
21.4 Rig Armament Launch and Release Systems TR: TOs 1B-52H-2-31-GA-1, 1B-52H-2-31JG-(series), 11B29-3-52-2									-	-	-	-	-	-
21.4.1 Bomb Release Manual Lock (BRML)									-	-	-	-	-	-
21.4.2 Emergency Forward Weapon Release (EFWR)									-	-	-	-	-	-
21.4.3 Emergency Rear Weapon Release (ERWR)									-	-	-	-	-	-
* 21.4.4 Pylon Wing Adapter									b	-	-	-	-	-
21.5 Maintain System Explosive Devices TR: TOs 1B-52H-2-31JG-(series)									-	-	-	-	-	-
21.5.1 Pressure-Actuated Explosive Devices (PAED)									-	-	-	-	-	-
21.5.1.1 Install									-	-	-	-	-	-
21.5.1.2 Remove									-	-	-	-	-	-
21.5.2 Electro-Explosive Devices (EED)									-	-	-	-	-	-
21.5.2.1 Install									-	-	-	-	-	-
21.5.2.2 Remove									-	-	-	-	-	-
21.5.3 Shielded-Mild Detonating Cord (SMDC)									-	-	-	-	-	-
21.5.3.1 Install									-	-	-	-	-	-
21.5.3.2 Remove									-	-	-	-	-	-
21.5.4 Gas Grain Generators (GGG)									-	-	-	-	-	-
21.5.4.1 Install									-	-	-	-	-	-
21.5.4.2 Remove									-	-	-	-	-	-
21.6 Armament System Components TR: TOs 1B-52H-2-31JG-(series), 1B-52H-2-38JG-(Series), 11B2-4-2-41									-	-	-	-	-	-
21.6.1 Component Functions									-	-	-	-	-	-
21.6.2 Digital Bomb Release Interval Control (D-BRIC)									-	-	-	-	-	-
* 21.6.2.1 Remove									1b	-	-	-	-	-
* 21.6.2.2 Install									1b	-	-	-	-	-
21.6.3 Weapons Control Panel									-	-	-	-	-	-
21.6.3.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
21.6.3.2 Install									-	-	-	-	-	-
21.6.4 Missile Consent Panel									-	-	-	-	-	-
21.6.4.1 Remove									-	-	-	-	-	-
21.6.4.2 Install									-	-	-	-	-	-
21.6.5 DCU-47/A									-	-	-	-	-	-
21.6.5.1 Remove									-	-	-	-	-	-
21.6.5.2 Install									-	-	-	-	-	-
21.6.6 DCU-238									-	-	-	-	-	-
21.6.6.1 Remove									-	-	-	-	-	-
21.6.6.2 Install									-	-	-	-	-	-
21.6.7 Conventional Weapons Control Panel									-	-	-	-	-	-
21.6.7.1 Remove									-	-	-	-	-	-
21.6.7.2 Install									-	-	-	-	-	-
21.6.8 AN-A1 Bomb Group Rack Selector									-	-	-	-	-	-
* 21.6.8.1 Remove									1b	-	-	-	-	-
* 21.6.8.2 Install									1b	-	-	-	-	-
21.6.9 Jettison Time Delay Relay Panel									-	-	-	-	-	-
21.6.9.1 Remove									-	-	-	-	-	-
21.6.9.2 Install									-	-	-	-	-	-
21.6.10 Conventional Weapons Relay Panel									-	-	-	-	-	-
21.6.10.1 Remove									-	-	-	-	-	-
21.6.10.2 Install									-	-	-	-	-	-
* 21.7 Coded Switch System TR: TO 11NT5059-2, 1B-52H2-31GA-1									B	-	-	-	-	-
21.8 Perform Weapons System Operational Checks TR: TOs 1B-52H-2-31GA-1, 1B-52H-2-31JG-(series), 1B-52H-2-38JG-(series), 1B-52H-16CL-(series), 16W6-47-2									-	-	-	-	-	-
* 21.8.1 Critical Circuits Maintenance Check with the AN/GWM-9 Tester									1b	-	-	-	-	-
* 21.8.2 Internal Nonnuclear Release System Check with the AN/GWM-9 Tester									1b	-	-	-	-	-
* 21.8.3 Ground Maintenance Computer Program									1b	-	-	-	-	-
21.8.4 Weapons Preload Test with the Weapons Preload Tester									-	-	-	-	-	-
* 21.8.4.1 ICSMS									1b	-	-	-	-	-
* 21.8.4.2 Nuclear									1b	-	-	-	-	-
* 21.8.5 MIT GO/NO-GO									1b	-	-	-	-	-
21.8.6 System Interface Test									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 21.8.7 External Nonnuclear Release Check with the AN/GWM-9 Tester									1b	-	-	-	-	-
21.8.8 Weapons Preload Test with AGM-142 FLTS									-	-	-	-	-	-
* 21.8.9 Perform Functional Check of ICSMS Pylon using Off-Aircraft Pylon Tester (OAPT)									1b	-	-	-	-	-
21.9 Perform Troubleshooting Procedures TR: TOs 1B-52H-2-31GA-1, 1B-52H-2-38-GA-1									-	-	-	-	-	-
* 21.9.1 Use Troubleshooting Tables									3b	-	-	-	-	-
* 21.9.1.1 Isolate Fault									1b	-	-	-	-	-
21.10 Test Equipment TR: TOs 1B-52H-16CL-1, 11N-T5149-2-1, 11N-T5149-4, 11N-T5149-8, 33D5-30-6-1, 33D7-38-127-1, 11D7-38-127-4									-	-	-	-	-	-
21.10.1 Description									-	-	-	-	-	-
21.10.2 Familiarization									-	-	-	-	-	-
* 21.10.2.1 AN/GWM-9									B	-	-	-	-	-
* 21.10.2.2 WPT									B	-	-	-	-	-
* 21.10.2.3 OAPT									B	-	-	-	-	-
21.10.3 Inspect									-	-	-	-	-	-
21.10.3.1 AN/GWM-9									-	-	-	-	-	-
21.10.3.2 WPT									-	-	-	-	-	-
21.10.3.3 OAPT									-	-	-	-	-	-
21.10.4 Maintain									-	-	-	-	-	-
21.10.4.1 AN/GWM-9									-	-	-	-	-	-
21.10.4.2 WPT									-	-	-	-	-	-
21.10.4.3 OAPT									-	-	-	-	-	-
21.10.5 Repair									-	-	-	-	-	-
21.10.5.1 AN/GWM-9									-	-	-	-	-	-
21.10.5.2 WPT									-	-	-	-	-	-
21.10.5.3 OAPT									-	-	-	-	-	-
21.10.6 Modify									-	-	-	-	-	-
21.10.6.1 AN/GWM-9									-	-	-	-	-	-
21.10.6.2 WPT									-	-	-	-	-	-
21.10.6.3 OAPT									-	-	-	-	-	-
21.11 Airmunitions (See Matrix) TR: TOs 1-IM-33, 1B-52H-16, 1B-52H-16CL-(series), 1B-52H-33-2-1, 1B-52H-33-2-2, 1B-52H-33-2-1CL-(series), 1B-52H-33-2-2CL-(series)									-	-	-	-	-	-
* 21.11.1 Characteristics									A	-	-	A	-	-
21.11.2 Nonnuclear									-	-	-	-	-	-
* 21.11.2.1 Load									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 21.11.2.2 Unload									1b	-	-	-	-	-
21.11.3 Nuclear									-	-	-	-	-	-
* 21.11.3.1 Load									1b	-	-	-	-	-
* 21.11.3.2 Unload									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
22 F-15 AIRCRAFT									-	-	-	-	-	-
22.1 Aerospace Ground Equipment TR: TOs 1-1A-15, 11-1-38, 34Y1-87-11, 35C2-3-372-1, 35D3-2-25-1, 35D3-2-27-1, 35D3-9-23-1, 35D5-3-8-31, 35DA3-6-37-1, 35E9-90-41, 35F5-5-11-1, 35F5-5-15-1									-	-	-	-	-	-
22.1.1 Description									-	-	-	B	-	-
22.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
* 22.1.2.1 Inspect									3b	-	-	-	-	-
* 22.1.2.2 Operate									3b	-	-	-	-	-
* 22.1.2.3 Drive									3b	-	-	-	-	-
22.1.3 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
* 22.1.3.1 Inspect									3b	-	-	-	-	-
* 22.1.3.2 Operate									3b	-	-	-	-	-
* 22.1.3.3 Drive									3b	-	-	-	-	-
22.1.4 A/M32A-60 Generator Set									-	-	-	-	-	-
* 22.1.4.1 Inspect									3b	-	-	-	-	-
* 22.1.4.2 Operate									3b	-	-	-	-	-
22.1.5 A/M32A-85 Generator Set									-	-	-	-	-	-
22.1.5.1 Inspect									-	-	-	-	-	-
22.1.5.2 Operate									-	-	-	-	-	-
22.1.6 A/M32C-10 Air Conditioner									-	-	-	-	-	-
* 22.1.6.1 Inspect									3b	-	-	-	-	-
* 22.1.6.2 Operate									3b	-	-	-	-	-
22.1.7 Munitions Handling Trailers									-	-	-	-	-	-
* 22.1.7.1 Inspect									1b	-	-	B	-	-
* 22.1.7.2 Load / Unload									1b	-	-	-	-	-
22.1.7.3 Tie-Down Procedures									-	-	-	-	-	-
22.1.8 TF-1 Floodlight Set									-	-	-	-	-	-
22.1.8.1 Inspect									-	-	-	-	-	-
22.1.8.2 Operate									-	-	-	-	-	-
22.1.9 NF-2 Floodlight Set									-	-	-	-	-	-
22.1.9.1 Inspect									-	-	-	-	-	-
22.1.9.2 Operate									-	-	-	-	-	-
22.1.10 MHU-194/E Lift Truck									-	-	-	-	-	-
* 22.1.10.1 Inspect									1b	-	-	-	-	-
* 22.1.10.2 Operate									1b	-	-	-	-	-
22.1.11 ADU-537A/E Missile-Munitions Loading Adapter									-	-	-	-	-	-
* 22.1.11.1 Inspect									1b	-	-	-	-	-
22.1.11.2 Maintain									-	-	-	-	-	-
* 22.1.11.3 Operate									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
22.2 Aircraft Familiarization TR: TOs 1F-15()-2-00GV-00-1, 1F-15()-2-05JG-00-1, 1F-15()-2-05JG-10-1, 1F-15()-2-94GS-00-1, 1F-15()-33-1-2, 1F-15E-16										-	-	-	-	-	-
* 22.2.1 Aircraft Switches, Controls, and Indicators										B	-	-	-	-	-
* 22.2.2 Aircraft Safety Devices										B	-	-	-	-	-
* 22.2.3 Aircraft Danger Areas										B	-	-	-	-	-
* 22.2.4 Perform Aircraft Safe for Maintenance Procedures										3b	-	-	-	-	-
* 22.2.5 Apply / Remove Aircraft External Electrical Power										2b	-	-	-	-	-
22.3 Gun System TR: TOs 1F-15()-2-94JG-50-1, 1F-15()-2-94JG-50-2, 1F-15()-2-94JG-73-1, 1F-15()-33-1-2, 11W1-7-15-2, 11W1-7-17-2, 11W1-7-17-4, 11W1-12-4-32, 33D5-12-209-1, 33D5-16-72-1, 35C2-3-372-11, 35D2-19-1, 35D30-4-15-1, 35E9-90-11										-	-	-	-	-	-
* 22.3.1 Nomenclature										B	-	-	-	-	-
* 22.3.2 Function of Parts										B	-	-	-	-	-
* 22.3.3 Theory of Operation										B	-	-	-	-	-
* 22.3.4 Perform Safing and Clearing Procedures										2b	-	-	-	-	-
* 22.3.5 Malfunctions or Jams										A	-	-	-	-	-
* 22.3.6 Perform Functional Check with A/E24T-171/199 Test Set										2b	-	-	-	-	-
22.3.7 Perform Operational Check with A/E24T-171/199 Test Set										-	-	-	-	-	-
* 22.3.8 Perform Operational Check with A/E24T-169/198 Tester										2b	-	-	-	-	-
22.3.9 Boresight										-	-	-	-	-	-
22.3.10 M61A1 Gun										-	-	-	-	-	-
* 22.3.10.1 Nomenclature										B	-	-	-	-	-
* 22.3.10.2 Function of Parts										B	-	-	-	-	-
* 22.3.10.3 Cycle of Operation										B	-	-	-	-	-
* 22.3.10.4 Remove										2b	-	-	-	-	-
* 22.3.10.5 Disassemble										2b	-	-	-	-	-
* 22.3.10.6 Inspect										1b	-	-	-	-	-
22.3.10.7 Repair										-	-	-	-	-	-
* 22.3.10.8 Assemble										2b	-	-	-	-	-
* 22.3.10.9 Install										2b	-	-	-	-	-
* 22.3.10.10 Perform Performance In-Shop Check										3b	-	-	-	-	-
22.3.11 Gun Handling Adapter										-	-	-	-	-	-
* 22.3.11.1 Inspect										1b	-	-	-	-	-
* 22.3.11.2 Use										1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.3.12 Drum Assembly									-	-	-	-	-	-
* 22.3.12.1 Remove									2b	-	-	-	-	-
22.3.12.2 Disassemble									-	-	-	-	-	-
22.3.12.3 Inspect									-	-	-	-	-	-
22.3.12.4 Repair									-	-	-	-	-	-
22.3.12.5 Assemble									-	-	-	-	-	-
* 22.3.12.6 Install									2b	-	-	-	-	-
22.3.13 Container Assembly									-	-	-	-	-	-
22.3.13.1 Remove									-	-	-	-	-	-
22.3.13.2 Disassemble									-	-	-	-	-	-
22.3.13.3 Inspect									-	-	-	-	-	-
22.3.13.4 Repair									-	-	-	-	-	-
22.3.13.5 Assemble									-	-	-	-	-	-
22.3.13.6 Install									-	-	-	-	-	-
22.3.14 Conveyor Assembly									-	-	-	-	-	-
* 22.3.14.1 Remove									2b	-	-	-	-	-
22.3.14.2 Disassemble									-	-	-	-	-	-
22.3.14.3 Inspect									-	-	-	-	-	-
22.3.14.4 Repair									-	-	-	-	-	-
22.3.14.5 Assemble									-	-	-	-	-	-
* 22.3.14.6 Install									2b	-	-	-	-	-
22.3.15 Ammunition Drum Support Equipment									-	-	-	-	-	-
* 22.3.15.1 Inspect									1b	-	-	-	-	-
* 22.3.15.2 Use									1b	-	-	-	-	-
22.3.16 Flow Regulator									-	-	-	-	-	-
22.3.16.1 Remove									-	-	-	-	-	-
22.3.16.2 Install									-	-	-	-	-	-
22.3.17 Gear Box Assembly									-	-	-	-	-	-
22.3.17.1 Remove									-	-	-	-	-	-
22.3.17.2 Install									-	-	-	-	-	-
22.3.18 Hydraulic Drive Motor									-	-	-	-	-	-
22.3.18.1 Remove									-	-	-	-	-	-
22.3.18.2 Install									-	-	-	-	-	-
22.3.19 Rounds Limiter and Totalizer									-	-	-	-	-	-
22.3.19.1 Remove									-	-	-	-	-	-
22.3.19.2 Install									-	-	-	-	-	-
22.3.20 Power Supply Gearbox									-	-	-	-	-	-
22.3.20.1 Remove									-	-	-	-	-	-
22.3.20.2 Inspect									-	-	-	-	-	-
22.3.20.3 Install									-	-	-	-	-	-
22.3.21 Unload Drive Gearbox									-	-	-	-	-	-
22.3.21.1 Remove									-	-	-	-	-	-
22.3.21.2 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.3.21.3 Install									-	-	-	-	-	-
22.3.22 Drive Shaft Assembly / Main Drive									-	-	-	-	-	-
22.3.22.1 Remove									-	-	-	-	-	-
22.3.22.2 Inspect									-	-	-	-	-	-
22.3.22.3 Install									-	-	-	-	-	-
22.4 Ammunition Loading Systems									-	-	-	-	-	-
* 22.4.1 Nomenclature									A	-	-	-	-	-
* 22.4.2 Theory of Operation									A	-	-	-	-	-
22.4.3 Universal Ammunition Loading System (UALS) TR: TOs 35D2-1-9-1, 35D30-4-10-1, 35D30-4-11-1, 35D-30-4-15-1, 1F-15(C)-33-1-2									-	-	-	-	-	-
22.4.3.1 Drum									-	-	-	-	-	-
22.4.3.1.1 Remove									-	-	-	-	-	-
22.4.3.1.2 Disassemble									-	-	-	-	-	-
22.4.3.1.3 Inspect									-	-	-	-	-	-
22.4.3.1.4 Repair									-	-	-	-	-	-
22.4.3.1.5 Assemble									-	-	-	-	-	-
22.4.3.1.6 Install									-	-	-	-	-	-
22.4.3.2 Conveyor / Assembly									-	-	-	-	-	-
22.4.3.2.1 Remove									-	-	-	-	-	-
22.4.3.2.2 Disassemble									-	-	-	-	-	-
22.4.3.2.3 Inspect									-	-	-	-	-	-
22.4.3.2.4 Repair									-	-	-	-	-	-
22.4.3.2.5 Assemble									-	-	-	-	-	-
22.4.3.2.6 Install									-	-	-	-	-	-
22.4.3.3 Interface Unit									-	-	-	-	-	-
22.4.3.3.1 Remove									-	-	-	-	-	-
22.4.3.3.2 Disassemble									-	-	-	-	-	-
22.4.3.3.3 Inspect									-	-	-	-	-	-
22.4.3.3.4 Repair									-	-	-	-	-	-
22.4.3.3.5 Assemble									-	-	-	-	-	-
22.4.3.3.6 Install									-	-	-	-	-	-
22.4.3.4 Ammunitions Delinker Loader									-	-	-	-	-	-
22.4.3.4.1 Nomenclature									-	-	-	-	-	-
22.4.3.4.2 Theory of Operation									-	-	-	-	-	-
22.4.3.4.3 Disassemble									-	-	-	-	-	-
22.4.3.4.4 Inspect									-	-	-	-	-	-
22.4.3.4.5 Repair									-	-	-	-	-	-
22.4.3.4.6 Assemble									-	-	-	-	-	-
22.4.3.4.7 Use									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.4.3.5 Ammunition Drum Handoff Unit Checking fixture									-	-	-	-	-	-
22.4.3.5.1 Inspect									-	-	-	-	-	-
22.4.3.5.2 Operate									-	-	-	-	-	-
22.4.3.6 Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
22.4.3.6.1 Inspect									-	-	-	-	-	-
22.4.3.6.2 Operate									-	-	-	-	-	-
22.4.3.7 Transfer Unit Checking Fixture									-	-	-	-	-	-
22.4.3.7.1 Inspect									-	-	-	-	-	-
22.4.3.7.2 Operate									-	-	-	-	-	-
22.4.3.8 UALS Interface Unit Checking Fixture									-	-	-	-	-	-
22.4.3.8.1 Inspect									-	-	-	-	-	-
22.4.3.8.2 Operate									-	-	-	-	-	-
22.4.3.9 UALS Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
22.4.3.9.1 Inspect									-	-	-	-	-	-
22.4.3.9.2 Operate									-	-	-	-	-	-
22.4.3.10 Conveyor Element Checking Fixture									-	-	-	-	-	-
22.4.3.10.1 Inspect									-	-	-	-	-	-
22.4.3.10.2 Operate									-	-	-	-	-	-
22.4.3.11 Use									-	-	-	-	-	-
22.4.4 Linkless Ammunition Loading System (LALS) TR: TOs 35D2-1-9-1, 35D30-4-10-1, 35D30-4-11-1, 35D-30-4-15-1, 1F-15()-33-1-2									-	-	-	-	-	-
22.4.4.1 Drum / Storage Container									-	-	-	-	-	-
22.4.4.1.1 Remove									-	-	-	-	-	-
22.4.4.1.2 Disassemble									-	-	-	-	-	-
22.4.4.1.3 Inspect									-	-	-	-	-	-
22.4.4.1.4 Repair									-	-	-	-	-	-
22.4.4.1.5 Assemble									-	-	-	-	-	-
22.4.4.1.6 Install									-	-	-	-	-	-
22.4.4.2 Conveyor / Assembly									-	-	-	-	-	-
22.4.4.2.1 Remove									-	-	-	-	-	-
22.4.4.2.2 Disassemble									-	-	-	-	-	-
22.4.4.2.3 Inspect									-	-	-	-	-	-
22.4.4.2.4 Repair									-	-	-	-	-	-
22.4.4.2.5 Assemble									-	-	-	-	-	-
22.4.4.2.6 Install									-	-	-	-	-	-
22.4.4.3 Interface Unit									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.4.4.3.1 Remove									-	-	-	-	-	-
22.4.4.3.2 Disassemble									-	-	-	-	-	-
22.4.4.3.3 Inspect									-	-	-	-	-	-
22.4.4.3.4 Repair									-	-	-	-	-	-
22.4.4.3.5 Assemble									-	-	-	-	-	-
22.4.4.3.6 Install									-	-	-	-	-	-
22.4.4.4 Ammunitions Delinker Loader									-	-	-	-	-	-
22.4.4.4.1 Nomenclature									-	-	-	-	-	-
22.4.4.4.2 Theory of Operation									-	-	-	-	-	-
22.4.4.4.3 Disassemble									-	-	-	-	-	-
22.4.4.4.4 Inspect									-	-	-	-	-	-
22.4.4.4.5 Repair									-	-	-	-	-	-
22.4.4.4.6 Assemble									-	-	-	-	-	-
22.4.4.4.7 Use									-	-	-	-	-	-
22.4.4.5 Linear Linkless Handoff Unit Checking Fixture									-	-	-	-	-	-
22.4.4.5.1 Inspect									-	-	-	-	-	-
22.4.4.5.2 Operate									-	-	-	-	-	-
22.4.4.6 Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
22.4.4.6.1 Inspect									-	-	-	-	-	-
22.4.4.6.2 Operate									-	-	-	-	-	-
22.4.4.7 Transfer Unit Checking Fixture									-	-	-	-	-	-
22.4.4.7.1 Inspect									-	-	-	-	-	-
22.4.4.7.2 Operate									-	-	-	-	-	-
22.4.4.8 Conveyor Element Checking Fixture									-	-	-	-	-	-
22.4.4.8.1 Inspect									-	-	-	-	-	-
22.4.4.8.2 Operate									-	-	-	-	-	-
* 22.4.4.9 Use									2b	-	-	-	-	-
22.5 Stores Suspension Equipment TR: TOs 1F15()-2-94JG-31(series), 1F15()-2-94JG-32(Series), 1F15()-6, 1F15()-33-1-2, 1F15E-16, 6J14-5-11-8-1, 11B29-3-25-2, 11L-2-14-2, 11L-3-28-2, 11LA8-7-3, 11L1-2-24-2, 11L18-13-1, 16W6-25-2, 16W6-25-12, 33D5-12-208-1, 33D5-53-13-1, 33D9-14-69-1, 33D9-45-33-1, 33D9-45-34-1, 33D5-30-4-1, 33D5-3-46-1									-	-	-	-	-	-
* 22.5.1 Description									A	-	-	-	-	-
* 22.5.2 Theory of Operation									A	-	-	-	-	-
* 22.5.3 Function of Parts									A	-	-	-	-	-
22.5.4 SUU-59 Pylon									-	-	-	-	-	-
* 22.5.4.1 Remove									3b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.5.4.2 Disassemble									-	-	-	-	-	-
22.5.4.3 Inspect									-	-	-	-	-	-
22.5.4.4 Repair									-	-	-	-	-	-
22.5.4.5 Assemble									-	-	-	-	-	-
* 22.5.4.6 Install									3b	-	-	-	-	-
* 22.5.4.7 Perform Functional Check with A/E24T-171/199 Test Set									2b	-	-	-	-	-
22.5.4.8 Perform Operational Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
* 22.5.4.9 Perform Bench Check with A/E24T-170/197 Test Set									1b	-	-	-	-	-
* 22.5.4.10 Perform Operational Check with A/E24T-169/198									1b	-	-	-	-	-
22.5.4.11 Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198									-	-	-	-	-	-
22.5.5 SUU-60 Pylon									-	-	-	-	-	-
22.5.5.1 Remove									-	-	-	-	-	-
22.5.5.2 Disassemble									-	-	-	-	-	-
22.5.5.3 Inspect									-	-	-	-	-	-
22.5.5.4 Repair									-	-	-	-	-	-
22.5.5.5 Assemble									-	-	-	-	-	-
22.5.5.6 Install									-	-	-	-	-	-
22.5.5.7 Perform Functional Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.5.8 Perform Operational Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.5.9 Perform Bench Check with A/E24T-170/197 Test Set									-	-	-	-	-	-
22.5.5.10 Perform Operational Check with A/E24T-169/198									-	-	-	-	-	-
22.5.6 SUU-73 Pylon									-	-	-	-	-	-
22.5.6.1 Remove									-	-	-	-	-	-
22.5.6.2 Disassemble									-	-	-	-	-	-
22.5.6.3 Inspect									-	-	-	-	-	-
22.5.6.4 Repair									-	-	-	-	-	-
22.5.6.5 Assemble									-	-	-	-	-	-
22.5.6.6 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.5.6.7 Perform Functional Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.6.8 Perform Operational Check with A/E24T-199 Test Set									-	-	-	-	-	-
22.5.6.9 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.6.10 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
22.5.6.11 Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198									-	-	-	-	-	-
22.5.7 MAU-12									-	-	-	-	-	-
* 22.5.7.1 Remove									2b	-	-	-	-	-
* 22.5.7.2 Disassemble									1b	-	-	-	-	-
* 22.5.7.3 Inspect									1b	-	-	-	-	-
22.5.7.4 Repair									-	-	-	-	-	-
* 22.5.7.5 Assemble									1b	-	-	-	-	-
* 22.5.7.6 Install									2b	-	-	-	-	-
* 22.5.7.7 Perform Functional Check with A/E24T-171/199 Test Set									2b	-	-	-	-	-
22.5.7.8 Perform Operational Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
* 22.5.7.9 Perform Bench Check with MAU-12/40/50, A/E24T-170 or A/E24T-197 Test Set									2b	-	-	-	-	-
* 22.5.7.10 Perform Weight Check with Proof Load Tester									2b	-	-	-	-	-
* 22.5.7.11 Perform Operational Check with A/E24T-169/198 Test Set									1b	-	-	-	-	-
22.5.8 BRU-46									-	-	-	-	-	-
* 22.5.8.1 Remove									3b	-	-	-	-	-
* 22.5.8.2 Disassemble									a	-	-	-	-	-
* 22.5.8.3 Inspect									a	-	-	-	-	-
22.5.8.4 Repair									-	-	-	-	-	-
* 22.5.8.5 Assemble									a	-	-	-	-	-
* 22.5.8.6 Install									3b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 22.5.8.7 Perform Functional Check with A/E24T-171/199 Test Set									2b/x	-	-	-	-	-
* 22.5.8.8 Perform Bench Check with A/E24T-197 Test Set									a	-	-	-	-	-
22.5.8.9 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
* 22.5.8.10 Perform Weight Check with Proof Load Test Set									a	-	-	-	-	-
22.5.8.11 Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198									-	-	-	-	-	-
22.5.9 BRU-47									-	-	-	-	-	-
22.5.9.1 Remove									-	-	-	-	-	-
22.5.9.2 Disassemble									-	-	-	-	-	-
22.5.9.3 Inspect									-	-	-	-	-	-
22.5.9.4 Repair									-	-	-	-	-	-
22.5.9.5 Assemble									-	-	-	-	-	-
22.5.9.6 Install									-	-	-	-	-	-
22.5.9.7 Perform Functional Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.9.8 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.9.9 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
22.5.9.10 Perform Weight Check with Proof Load Test Set									-	-	-	-	-	-
22.5.9.11 Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198									-	-	-	-	-	-
22.5.10 LAU-106 Launcher									-	-	-	-	-	-
* 22.5.10.1 Remove									2b	-	-	-	-	-
* 22.5.10.2 Disassemble									1b	-	-	-	-	-
* 22.5.10.3 Inspect									1b	-	-	-	-	-
22.5.10.4 Repair									-	-	-	-	-	-
* 22.5.10.5 Assemble									1b	-	-	-	-	-
* 22.5.10.6 Install									2b	-	-	-	-	-
* 22.5.10.7 Perform Functional Check with A/E24T-171/199 Test Set									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.5.10.8 Breech Assembly Reconfiguration									-	-	-	-	-	-
* 22.5.10.9 Bench Check with A/E24T-170/197 Test Set									2b	-	-	-	-	-
* 22.5.10.10 Perform Operational Check with A/E24T-169/198 Test Set									1b	-	-	-	-	-
22.5.11 ADU-552/A Launcher Adapter									-	-	-	-	-	-
* 22.5.11.1 Remove									3b	-	-	-	-	-
22.5.11.2 Disassemble									-	-	-	-	-	-
22.5.11.3 Inspect									-	-	-	-	-	-
22.5.11.4 Repair									-	-	-	-	-	-
22.5.11.5 Assemble									-	-	-	-	-	-
* 22.5.11.6 Install									3b	-	-	-	-	-
22.5.11.7 Bench Check with A/E24T-170/197 Test Set									-	-	-	-	-	-
22.5.12 LAU-128 Launcher									-	-	-	-	-	-
* 22.5.12.1 Remove									3b	-	-	-	-	-
* 22.5.12.2 Disassemble									1b	-	-	-	-	-
* 22.5.12.3 Inspect									1b	-	-	-	-	-
22.5.12.4 Repair									-	-	-	-	-	-
* 22.5.12.5 Assemble									1b	-	-	-	-	-
* 22.5.12.6 Install									3b	-	-	-	-	-
* 22.5.12.7 Perform Functional Check with A/E24T-171/199 Test Set									2b	-	-	-	-	-
* 22.5.12.8 Perform Bench Check with A/E24T-170/197 Test Set									2b	-	-	-	-	-
* 22.5.12.9 Perform Operational Check with A/E24T-169/198 Test Set									2b	-	-	-	-	-
22.5.12.10 Perform Detent Test									-	-	-	-	-	-
22.5.13 LAU-88 Launcher									-	-	-	-	-	-
22.5.13.1 Remove									-	-	-	-	-	-
22.5.13.2 Disassemble									-	-	-	-	-	-
22.5.13.3 Inspect									-	-	-	-	-	-
22.5.13.4 Repair									-	-	-	-	-	-
22.5.13.5 Assemble									-	-	-	-	-	-
22.5.13.6 Install									-	-	-	-	-	-
22.5.13.7 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.5.13.8 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
22.5.14 LAU-117 Launcher									-	-	-	-	-	-
22.5.14.1 Remove									-	-	-	-	-	-
22.5.14.2 Disassemble									-	-	-	-	-	-
22.5.14.3 Inspect									-	-	-	-	-	-
22.5.14.4 Repair									-	-	-	-	-	-
22.5.14.5 Assemble									-	-	-	-	-	-
22.5.14.6 Install									-	-	-	-	-	-
22.5.14.7 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.14.8 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
22.5.15 ADU-578/A Launcher Adapter									-	-	-	-	-	-
22.5.15.1 Remove									-	-	-	-	-	-
22.5.15.2 Disassemble									-	-	-	-	-	-
22.5.15.3 Inspect									-	-	-	-	-	-
22.5.15.4 Repair									-	-	-	-	-	-
22.5.15.5 Assemble									-	-	-	-	-	-
22.5.15.6 Install									-	-	-	-	-	-
22.5.15.7 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.16 SUU-20									-	-	-	-	-	-
22.5.16.1 Remove									-	-	-	-	-	-
22.5.16.2 Disassemble									-	-	-	-	-	-
22.5.16.3 Inspect									-	-	-	-	-	-
22.5.16.4 Repair									-	-	-	-	-	-
22.5.16.5 Assemble									-	-	-	-	-	-
22.5.16.6 Install									-	-	-	-	-	-
22.5.16.7 Perform Functional Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.16.8 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.16.9 Perform Operational Check with A/E24T-171/199 Test Set									-	-	-	-	-	-
22.5.17 Handling Adapters									-	-	-	-	-	-
22.5.17.1 Pylon Handling Adapter									-	-	-	-	-	-
* 22.5.17.1.1 Inspect									1b	-	-	-	-	-
* 22.5.17.1.2 Use									1b	-	-	-	-	-
22.5.17.2 Universal Pylon Adapter									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.5.17.2.1 Inspect									-	-	-	-	-	-
22.5.17.2.2 Use									-	-	-	-	-	-
22.5.18 Conformal Fuel Tank (CFT)									-	-	-	-	-	-
22.5.18.1 Perform Fault Isolation with A/E24T-197 Test Set									-	-	-	-	-	-
22.5.18.2 Perform Operational Check with A/E24T-198									-	-	-	-	-	-
22.5.18.3 Perform MIL-STD-1760									-	-	-	-	-	-
22.6 Perform Basic Post-Flight Inspections									-	-	-	-	-	-
22.6.1 F-15A-D Model TR: 1F15A-6, 1F15A-2-94JG-31-1, 1F15A-2-94JG-32-1, 1F15A-2-94JG-50-1									-	-	-	-	-	-
22.6.1.1 M61 Gun									-	-	-	-	-	-
22.6.1.2 LAU-106 Launcher									-	-	-	-	-	-
22.6.1.3 MAU-12 Bomb Rack									-	-	-	-	-	-
22.6.1.4 LAU-128 Launcher									-	-	-	-	-	-
22.6.1.5 SUU-59 Pylon									-	-	-	-	-	-
22.6.1.6 SUU-60 Pylon									-	-	-	-	-	-
22.6.2 F-15E TR: 1F15E-6, 1F15E-6WC-1, 1F15E-2-94JG-50-1, 1F15E-2-94JG-31-1, 1F15E-2-94JG-32-1									-	-	-	-	-	-
22.6.2.1 M61 Gun									-	-	-	-	-	-
22.6.2.2 LAU-106 Launcher									-	-	-	-	-	-
22.6.2.3 BRU-46 Rack									-	-	-	-	-	-
22.6.2.4 BRU-47 Rack									-	-	-	-	-	-
22.6.2.5 SUU-20 Dispenser									-	-	-	-	-	-
22.6.2.6 LAU-128 Launcher									-	-	-	-	-	-
22.6.2.7 LAU-88 Launcher									-	-	-	-	-	-
22.6.2.8 LAU-117 Launcher									-	-	-	-	-	-
22.6.2.9 SUU-59 Pylon									-	-	-	-	-	-
22.6.2.10 SUU-73 Pylon									-	-	-	-	-	-
22.7 Armament System Components TR: TOs 1F15E-2-27JG-10-3, 1F15E-2-31JG-12-1, 1F15E-2-94JG-32-1, 1F15E-33-1-2, 1F150-2-94JG-10-1, 1F15A-2-94JG-31-3, 1F15A-2-94JG-31-4, 1F15A-2-94JG-31-6, 1F150-33-1-2, 1F15E-16, 16W6-25-8-1, 11N-T5157-8-1									-	-	-	-	-	-
* 22.7.1 Component Functions									A	-	-	-	-	-
22.7.2 Converter Programmer									-	-	-	-	-	-
* 22.7.2.1 Remove									a	-	-	-	-	-
* 22.7.2.2 Install									a	-	-	-	-	-
* 22.7.2.3 Perform Operational Check (PACS BIT Check)									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.7.3 Armament Control Panel									-	-	-	-	-	-
22.7.3.1 Remove									-	-	-	-	-	-
22.7.3.2 Install									-	-	-	-	-	-
22.7.3.3 Perform Operational Check (PACS BIT Check)									-	-	-	-	-	-
22.7.4 Multipurpose Color Display									-	-	-	-	-	-
22.7.4.1 Remove									-	-	-	-	-	-
22.7.4.2 Install									-	-	-	-	-	-
22.7.4.3 Perform Operational Check (MPCD/PACS BIT Check)									-	-	-	-	-	-
22.7.5 Master Armament Bus Control Contactor									-	-	-	-	-	-
22.7.5.1 Remove									-	-	-	-	-	-
22.7.5.2 Install									-	-	-	-	-	-
22.7.5.3 Perform Operational Check (PACS BIT Check)									-	-	-	-	-	-
22.7.6 Armament 1553 Mux Bus Coupling Transformer									-	-	-	-	-	-
22.7.6.1 Remove									-	-	-	-	-	-
22.7.6.2 Install									-	-	-	-	-	-
22.7.6.3 Perform Operational Check (PACS BIT Check)									-	-	-	-	-	-
22.7.7 Armament Bus Control Contactor									-	-	-	-	-	-
22.7.7.1 Remove									-	-	-	-	-	-
22.7.7.2 Install									-	-	-	-	-	-
22.7.7.3 Perform Operational Check (PACS BIT Check)									-	-	-	-	-	-
22.7.8 Emergency Jett Switch									-	-	-	-	-	-
22.7.8.1 Remove									-	-	-	-	-	-
22.7.8.2 Install									-	-	-	-	-	-
22.7.8.3 Perform PACS BIT Check									-	-	-	-	-	-
22.7.9 Missile Launcher Auxiliary Relay Panel									-	-	-	-	-	-
22.7.9.1 Remove									-	-	-	-	-	-
22.7.9.2 Install									-	-	-	-	-	-
22.7.9.3 Perform Operational Check with A/E24T-169/198 Test Set									-	-	-	-	-	-
22.7.10 PACS Termination Resistor Assembly (Left and Right)									-	-	-	-	-	-
22.7.10.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.7.10.2 Install									-	-	-	-	-	-
22.7.10.3 Perform Operational Check with A/E24T-169 Test Set									-	-	-	-	-	-
22.7.11 Flight Control Stick Grip									-	-	-	-	-	-
22.7.11.1 Remove									-	-	-	-	-	-
22.7.11.2 Install									-	-	-	-	-	-
22.7.11.3 Perform Operational Check									-	-	-	-	-	-
22.7.12 Armament Safety Switch									-	-	-	-	-	-
22.7.12.1 Remove									-	-	-	-	-	-
22.7.12.2 Install									-	-	-	-	-	-
22.7.12.3 Perform PACS BIT Check									-	-	-	-	-	-
22.7.13 Left / Right Hand Controller									-	-	-	-	-	-
22.7.13.1 Remove									-	-	-	-	-	-
22.7.13.2 Install									-	-	-	-	-	-
22.7.13.3 Perform Operational Check									-	-	-	-	-	-
22.7.14 Nuclear Consent Panel									-	-	-	-	-	-
22.7.14.1 Remove									-	-	-	-	-	-
22.7.14.2 Install									-	-	-	-	-	-
22.7.14.3 Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set									-	-	-	-	-	-
22.7.15 Encoder / Decoder									-	-	-	-	-	-
22.7.15.1 Remove									-	-	-	-	-	-
22.7.15.2 Install									-	-	-	-	-	-
22.7.15.3 Perform Encoder / Decoder Bench Check with A/E-24T-197 Test Set									-	-	-	-	-	-
22.7.15.4 Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set									-	-	-	-	-	-
22.7.16 Power Supply									-	-	-	-	-	-
22.7.16.1 Remove									-	-	-	-	-	-
22.7.16.2 Install									-	-	-	-	-	-
22.7.16.3 Perform Power Supply Bench Check with A/E-24T-197 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.7.16.4 Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set									-	-	-	-	-	-
22.7.17 Electronic Sequencing Unit (ESU)									-	-	-	-	-	-
22.7.17.1 Remove									-	-	-	-	-	-
22.7.17.2 Install									-	-	-	-	-	-
22.7.17.3 Perform Bench Check with A/E24T-197 Test Set									-	-	-	-	-	-
22.7.17.4 Perform Operational Check with A/E24T-198 Test Set									-	-	-	-	-	-
22.8 Test Equipment TR: TOs 33D5-3-46-1, 33D5-3-50-1, 33D5-3-50-4, 33D5-12-231-1, 33D5-12-231-4, 33D5-16-72-1, 33D5-30-4-1, 33D5-53-13-1, 33D5-63-5-1, 33D5-63-5-4, 33D9-54-7-42									-	-	-	-	-	-
22.8.1 Description									-	-	-	-	-	-
22.8.2 Familiarization									-	-	-	-	-	-
22.8.2.1 A/E24T-169									-	-	-	-	-	-
22.8.2.2 A/E24T-170									-	-	-	-	-	-
22.8.2.3 A/E24T-171									-	-	-	-	-	-
22.8.2.4 A/E24T-197									-	-	-	-	-	-
22.8.2.5 A/E24T-198									-	-	-	-	-	-
22.8.2.6 A/E24T-199									-	-	-	-	-	-
22.8.2.7 Proof Load Tester									-	-	-	-	-	-
22.8.2.8 Detent Tester									-	-	-	-	-	-
22.8.3 Inspect									-	-	-	-	-	-
22.8.3.1 A/E24T-169									-	-	-	-	-	-
22.8.3.2 A/E24T-170									-	-	-	-	-	-
22.8.3.3 A/E24T-171									-	-	-	-	-	-
22.8.3.4 A/E24T-197									-	-	-	-	-	-
22.8.3.5 A/E24T-198									-	-	-	-	-	-
22.8.3.6 A/E24T-199									-	-	-	-	-	-
22.8.3.7 Proof Load Tester									-	-	-	-	-	-
22.8.3.8 Detent Tester									-	-	-	-	-	-
22.8.4 Maintain									-	-	-	-	-	-
22.8.4.1 A/E24T-169									-	-	-	-	-	-
22.8.4.2 A/E24T-170									-	-	-	-	-	-
22.8.4.3 A/E24T-171									-	-	-	-	-	-
22.8.4.4 A/E24T-197									-	-	-	-	-	-
22.8.4.5 A/E24T-198									-	-	-	-	-	-
22.8.4.6 A/E24T-199									-	-	-	-	-	-
22.8.4.7 Proof Load 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
22.8.4.8 Detent Tester									-	-	-	-	-	-
22.8.5 Repair									-	-	-	-	-	-
22.8.5.1 A/E24T-169									-	-	-	-	-	-
22.8.5.2 A/E24T-170									-	-	-	-	-	-
22.8.5.3 A/E24T-171									-	-	-	-	-	-
22.8.5.4 A/E24T-197									-	-	-	-	-	-
22.8.5.5 A/E24T-198									-	-	-	-	-	-
22.8.5.6 A/E24T-199									-	-	-	-	-	-
22.8.5.7 Proof Load Tester									-	-	-	-	-	-
22.8.5.8 Detent Tester									-	-	-	-	-	-
22.8.6 Modify									-	-	-	-	-	-
22.8.6.1 A/E24T-169									-	-	-	-	-	-
22.8.6.2 A/E24T-170									-	-	-	-	-	-
22.8.6.3 A/E24T-171									-	-	-	-	-	-
22.8.6.4 A/E24T-197									-	-	-	-	-	-
22.8.6.5 A/E24T-198									-	-	-	-	-	-
22.8.6.6 A/E24T-199									-	-	-	-	-	-
22.8.6.7 Proof Load Tester									-	-	-	-	-	-
22.8.6.8 Detent Tester									-	-	-	-	-	-
22.8.7 Use Special Programming Equipment									-	-	-	-	-	-
22.8.7.1 Cryptovvariable Keyer (KYK-13)									-	-	-	-	-	-
22.8.7.2 Precision Lightweight GPS Receiver (AN/PSN-11)									-	-	-	-	-	-
22.9 Fault Isolation Procedures TR: TOs 1F-15()-2-05JG-00-1, 1F-15()-2-94FI-00-1, 1F-15()-2-94JG-10-1, 1F-15()-2-94JG-31(Series), 1F-15()-2-94JG-32(Series), 1F-15()-2-04JG-32-2, 1F-15()-2-94JG-50(Series), 1F-15()-2-94SD-00-1, 1F-15()-2-94WD-00-1, 1F-15()-6, 1F-15()-33-1-2, 11B29-3-25-2, 11L1-2-24-2, 11L1-3-29-2, 11LA8-10-2, 16W6-25-2, 16W6-25-12									-	-	-	-	-	-
* 22.9.1 Principles of Troubleshooting									A	-	-	-	-	-
* 22.9.2 Use Fault Isolation Technical Order									a	-	-	-	-	-
* 22.9.3 Use Block / Schematic Diagrams									a	-	-	-	-	-
* 22.9.4 Troubleshoot Circuits									a	-	-	-	-	-
22.10 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1F-15()-33-1-2, 1F-15E-16									-	-	-	-	-	-
* 22.10.1 Characteristics									A	-	-	A	-	-
22.10.2 Nonnuclear									-	-	-	-	-	-
* 22.10.2.1 Load									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 22.10.2.2 Unload									1b	-	-	-	-	-
22.10.3 Nuclear									-	-	-	-	-	-
22.10.3.1 Load									-	-	-	-	-	-
22.10.3.2 Unload									-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23 F-16 AIRCRAFT									-	-	-	-	-	-
23.1 Aerospace Ground Equipment TR: TOs 1-1A-15, 11A-1-38, 34Y1-87-11, 35C2-3-372-11, 35D3-2-25-1, 33D3-2-26-1, 35D3-27-1, 35D3-9-23-1, 35DA3-6-37-1, 35D5-3-8-31, 35E9-90-11, 35F5-5-11-31, 35F5-5-16-1, 35F5-16-1									-	-	-	-	-	-
23.1.1 Description									-	-	-	B	-	-
23.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
* 23.1.2.1 Inspect									3b	-	-	-	-	-
* 23.1.2.2 Operate									3b	-	-	-	-	-
* 23.1.2.3 Drive									3b	-	-	-	-	-
23.1.3 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
* 23.1.3.1 Inspect									3b	-	-	-	-	-
* 23.1.3.2 Operate									3b	-	-	-	-	-
* 23.1.3.3 Drive									3b	-	-	-	-	-
23.1.4 A/M32A-60 Generator Set									-	-	-	-	-	-
* 23.1.4.1 Inspect									3b	-	-	-	-	-
* 23.1.4.2 Operate									3b	-	-	-	-	-
23.1.5 A/M32A-85 Generator Set									-	-	-	-	-	-
23.1.5.1 Inspect									-	-	-	-	-	-
23.1.5.2 Operate									-	-	-	-	-	-
23.1.6 A/M32C-10 Air Conditioner									-	-	-	-	-	-
* 23.1.6.1 Inspect									3b	-	-	-	-	-
* 23.1.6.2 Operate									3b	-	-	-	-	-
23.1.7 Munitions Handling Trailers									-	-	-	-	-	-
* 23.1.7.1 Inspect									1b	-	-	-	-	-
* 23.1.7.2 Load / Unload									1b	-	-	-	-	-
23.1.7.3 Tie-Down Procedures									-	-	-	-	-	-
23.1.8 TF-1 Floodlight Set									-	-	-	-	-	-
23.1.8.1 Inspect									-	-	-	-	-	-
23.1.8.2 Operate									-	-	-	-	-	-
23.1.9 NF-2 Floodlight Set									-	-	-	-	-	-
23.1.9.1 Inspect									-	-	-	-	-	-
23.1.9.2 Operate									-	-	-	-	-	-
23.1.10 MHU-194E Lift Truck									-	-	-	-	-	-
* 23.1.10.1 Inspect									1b	-	-	-	-	-
* 23.1.10.2 Operate									1b	-	-	-	-	-
23.1.11 ADU-537 A/E Missile-Munitions Loading Adapter									-	-	-	-	-	-
* 23.1.11.1 Inspect									1b	-	-	-	-	-
23.1.11.2 Maintain									-	-	-	-	-	-
* 23.1.11.3 Operate									1b	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
23.2 Aircraft Familiarization TR: TOs 1F-16(-)-2-94GS-00-1, 1F-16(-)-2-10JG-00-1, 1F-16C-33-1-2										-	-	-	-	-	-
* 23.2.1 Aircraft Switches, Controls, and Indicators										B	-	-	-	-	-
* 23.2.2 Aircraft Safety Devices										B	-	-	-	-	-
* 23.2.3 Aircraft Danger Areas										B	-	-	-	-	-
* 23.2.4 Perform Aircraft Safe for Maintenance Procedures										3b	-	-	-	-	-
* 23.2.5 Apply / Remove Aircraft External Electrical Power										2b	-	-	-	-	-
23.3 Gun System TR: TOs 1F-16(-)-2-94JG-50-1 to 50-3, 1F-16C-33-1-2, 11W1-7-16-2, 11W1-12-4-32, 11W1-12-4-32-7										-	-	-	-	-	-
* 23.3.1 Nomenclature										B	-	-	-	-	-
* 23.3.2 Function of Parts										B	-	-	-	-	-
* 23.3.3 Theory of Operation										B	-	-	-	-	-
* 23.3.4 Perform Safing and Clearing Procedures										2b	-	-	-	-	-
* 23.3.5 Malfunctions or Jams										A	-	-	-	-	-
* 23.3.6 Perform Functional Check with 16U75060 Test Set										1b	-	-	-	-	-
* 23.3.7 Perform Operational Check with 16U75501 Test Set										1b	-	-	-	-	-
23.3.8 M61A1 Gun										-	-	-	-	-	-
* 23.3.8.1 Nomenclature										B	-	-	-	-	-
* 23.3.8.2 Function of Parts										B	-	-	-	-	-
* 23.3.8.3 Cycle of Operation										B	-	-	-	-	-
* 23.3.8.4 Remove										1b	-	-	-	-	-
* 23.3.8.5 Disassemble										2b	-	-	-	-	-
* 23.3.8.6 Inspect										1b	-	-	-	-	-
23.3.8.7 Repair										-	-	-	-	-	-
* 23.3.8.8 Assemble										2b	-	-	-	-	-
* 23.3.8.9 Install										1b	-	-	-	-	-
23.3.8.10 Boresight										-	-	-	-	-	-
* 23.3.8.11 Perform Performance Check in Shop										3b	-	-	-	-	-
23.3.9 Ammunition Handling Set										-	-	-	-	-	-
* 23.3.9.1 Remove										1b	-	-	-	-	-
23.3.9.2 Disassemble										-	-	-	-	-	-
23.3.9.3 Inspect										-	-	-	-	-	-
23.3.9.4 Repair										-	-	-	-	-	-
23.3.9.5 Assemble										-	-	-	-	-	-
* 23.3.9.6 Install										1b	-	-	-	-	-
* 23.3.9.7 Adjust Slack										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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.4 Ammunition Loading Systems									-	-	-	-	-	-
* 23.4.1 Nomenclature									A	-	-	-	-	-
* 23.4.2 Theory of Operation									A	-	-	-	-	-
23.4.3 Universal Ammunition Loading System (UALS) TR: TOs 35D2-1-9-1, 35D30-4-10-1, 35D30-4-11-1, 35D-30-4-15-1, 1F-16C-33-1-2									-	-	-	-	-	-
23.4.3.1 Drum									-	-	-	-	-	-
23.4.3.1.1 Remove									-	-	-	-	-	-
23.4.3.1.2 Disassemble									-	-	-	-	-	-
23.4.3.1.3 Inspect									-	-	-	-	-	-
23.4.3.1.4 Repair									-	-	-	-	-	-
23.4.3.1.5 Assemble									-	-	-	-	-	-
23.4.3.1.6 Install									-	-	-	-	-	-
23.4.3.2 Conveyor / Assembly									-	-	-	-	-	-
23.4.3.2.1 Remove									-	-	-	-	-	-
23.4.3.2.2 Disassemble									-	-	-	-	-	-
23.4.3.2.3 Inspect									-	-	-	-	-	-
23.4.3.2.4 Repair									-	-	-	-	-	-
23.4.3.2.5 Assemble									-	-	-	-	-	-
23.4.3.2.6 Install									-	-	-	-	-	-
23.4.3.3 Interface Unit									-	-	-	-	-	-
23.4.3.3.1 Remove									-	-	-	-	-	-
23.4.3.3.2 Disassemble									-	-	-	-	-	-
23.4.3.3.3 Inspect									-	-	-	-	-	-
23.4.3.3.4 Repair									-	-	-	-	-	-
23.4.3.3.5 Assemble									-	-	-	-	-	-
23.4.3.3.6 Install									-	-	-	-	-	-
23.4.3.4 Ammunitions Delinker Loader									-	-	-	-	-	-
23.4.3.4.1 Nomenclature									-	-	-	-	-	-
23.4.3.4.2 Theory of Operation									-	-	-	-	-	-
23.4.3.4.3 Disassemble									-	-	-	-	-	-
23.4.3.4.4 Inspect									-	-	-	-	-	-
23.4.3.4.5 Repair									-	-	-	-	-	-
23.4.3.4.6 Assemble									-	-	-	-	-	-
23.4.3.4.7 Use									-	-	-	-	-	-
23.4.3.5 Ammunition Drum Handoff Unit Checking Fixture									-	-	-	-	-	-
23.4.3.5.1 Inspect									-	-	-	-	-	-
23.4.3.5.2 Operate									-	-	-	-	-	-
23.4.3.6 Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.4.3.6.1 Inspect									-	-	-	-	-	-
23.4.3.6.2 Operate									-	-	-	-	-	-
23.4.3.7 Transfer Unit Checking Fixture									-	-	-	-	-	-
23.4.3.7.1 Inspect									-	-	-	-	-	-
23.4.3.7.2 Operate									-	-	-	-	-	-
23.4.3.8 UALS Interface Unit Checking Fixture									-	-	-	-	-	-
23.4.3.8.1 Inspect									-	-	-	-	-	-
23.4.3.8.2 Operate									-	-	-	-	-	-
23.4.3.9 UALS Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
23.4.3.9.1 Inspect									-	-	-	-	-	-
23.4.3.9.2 Operate									-	-	-	-	-	-
23.4.3.10 Use									-	-	-	-	-	-
23.4.4 Linkless Ammunition Loading System (LALS) TR: TOs 35D2-1-9-1, 35D30-4-10-1, 35D30-4-11-1, 35D-30-4-15-1, 1F-16C-33-1-2									-	-	-	-	-	-
23.4.4.1 Storage Container									-	-	-	-	-	-
23.4.4.1.1 Remove									-	-	-	-	-	-
23.4.4.1.2 Disassemble									-	-	-	-	-	-
23.4.4.1.3 Inspect									-	-	-	-	-	-
23.4.4.1.4 Repair									-	-	-	-	-	-
23.4.4.1.5 Assemble									-	-	-	-	-	-
23.4.4.1.6 Install									-	-	-	-	-	-
23.4.4.2 Conveyor / Assembly									-	-	-	-	-	-
23.4.4.2.1 Remove									-	-	-	-	-	-
23.4.4.2.2 Disassemble									-	-	-	-	-	-
23.4.4.2.3 Inspect									-	-	-	-	-	-
23.4.4.2.4 Repair									-	-	-	-	-	-
23.4.4.2.5 Assemble									-	-	-	-	-	-
23.4.4.2.6 Install									-	-	-	-	-	-
23.4.4.3 Interface Unit									-	-	-	-	-	-
23.4.4.3.1 Remove									-	-	-	-	-	-
23.4.4.3.2 Disassemble									-	-	-	-	-	-
23.4.4.3.3 Inspect									-	-	-	-	-	-
23.4.4.3.4 Repair									-	-	-	-	-	-
23.4.4.3.5 Assemble									-	-	-	-	-	-
23.4.4.3.6 Install									-	-	-	-	-	-
23.4.4.4 Ammunitions Delinker Loader									-	-	-	-	-	-
23.4.4.4.1 Nomenclature									-	-	-	-	-	-
23.4.4.4.2 Theory of Operation									-	-	-	-	-	-
23.4.4.4.3 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
23.4.4.4.4 Inspect									-	-	-	-	-	-
23.4.4.4.5 Repair									-	-	-	-	-	-
23.4.4.4.6 Assemble									-	-	-	-	-	-
23.4.4.4.7 Use									-	-	-	-	-	-
23.4.4.5 Linear Linkless Handoff Unit Checking Fixture									-	-	-	-	-	-
23.4.4.5.1 Inspect									-	-	-	-	-	-
23.4.4.5.2 Operate									-	-	-	-	-	-
23.4.4.6 Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
23.4.4.6.1 Inspect									-	-	-	-	-	-
23.4.4.6.2 Operate									-	-	-	-	-	-
23.4.4.7 Transfer Unit Checking Fixture									-	-	-	-	-	-
23.4.4.7.1 Inspect									-	-	-	-	-	-
23.4.4.7.2 Operate									-	-	-	-	-	-
23.4.4.8 Conveyor Element Checking Fixture									-	-	-	-	-	-
23.4.4.8.1 Inspect									-	-	-	-	-	-
23.4.4.8.2 Operate									-	-	-	-	-	-
* 23.4.4.9 Use									2b	-	-	-	-	-
23.5 Stores Suspension Equipment TR: TOs 1F16()-2-94JG-30-1 to 30-4, 1F16C-33-1-2, 1F16()-2-94GS-00-1, 1F16()-6, 11B29-3-25-2, 11B29-3-25-7-1, 11B29-3-28-1, 11B29-3-28-7-1, 11B29-3-35-2, 11B29-3-53-7-1, 11L1-2-10-1, 11L1-2-10-7-1, 11L1-2-15-1, 11L1-2-15-8, 11L1-2-16-2, 11L1-2-20-1, 11L1-2-24-2, 11L1-2-30-1, 11L1-3-27-1, 11LA8-9-2, 16W6-40-2, 16W6-34-2, 16W6-35-2, 16W6-42-2, 16W6-51-2, 16W6-52-2, 16W6-53-2, 33D5-53-13-1, 33D5-63-2-1, 33D9-57-1									-	-	-	-	-	-
* 23.5.1 Description									A	-	-	-	-	-
* 23.5.2 Theory of Operation									A	-	-	-	-	-
* 23.5.3 Function of Parts									A	-	-	-	-	-
23.5.4 Wing Weapons Pylon									-	-	-	-	-	-
* 23.5.4.1 Remove									3b	-	-	-	-	-
23.5.4.2 Disassemble									-	-	-	-	-	-
23.5.4.3 Inspect									-	-	-	-	-	-
23.5.4.4 Repair									-	-	-	-	-	-
23.5.4.5 Assemble									-	-	-	-	-	-
* 23.5.4.6 Install									3b	-	-	-	-	-
23.5.4.7 Perform Operational Check with 16U75501 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.5.4.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.4.9 Perform Operational Check with RNRIU Installed									-	-	-	-	-	-
*23.5.4.10 Perform Functional Check with 16U75060 Test Set									1b	-	-	-	-	-
23.5.5 16S1501 Pylon / Launcher									-	-	-	-	-	-
23.5.5.1 Remove									-	-	-	-	-	-
23.5.5.2 Disassemble									-	-	-	-	-	-
23.5.5.3 Inspect									-	-	-	-	-	-
23.5.5.4 Repair									-	-	-	-	-	-
23.5.5.5 Assemble									-	-	-	-	-	-
23.5.5.6 Install									-	-	-	-	-	-
23.5.5.7 Perform Bench Check with Pylon/Launcher Test Set									-	-	-	-	-	-
23.5.6 ALE-50 Pylon									-	-	-	-	-	-
23.5.6.1 Remove									-	-	-	-	-	-
23.5.6.2 Inspect									-	-	-	-	-	-
23.5.6.3 Install									-	-	-	-	-	-
23.5.6.4 Perform Functional Check with G132973-1 Fault Isolation System Tester (FIST)									-	-	-	-	-	-
23.5.7 Centerline Pylon									-	-	-	-	-	-
*23.5.7.1 Remove									1b	-	-	-	-	-
23.5.7.2 Disassemble									-	-	-	-	-	-
23.5.7.3 Inspect									-	-	-	-	-	-
23.5.7.4 Repair									-	-	-	-	-	-
23.5.7.5 Assemble									-	-	-	-	-	-
*23.5.7.6 Install									1b	-	-	-	-	-
23.5.7.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.5.7.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.7.9 Perform Operational Check with 16U75501 Test Set									-	-	-	-	-	-
23.5.7.10 Perform Operational Check with RNRIU Installed									-	-	-	-	-	-
23.5.8 MAU-12									-	-	-	-	-	-
*23.5.8.1 Remove									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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
* 23.5.8.2 Disassemble									1b	-	-	-	-	-
* 23.5.8.3 Inspect									1b	-	-	-	-	-
23.5.8.4 Repair									-	-	-	-	-	-
* 23.5.8.5 Assemble									1b	-	-	-	-	-
* 23.5.8.6 Install									2b	-	-	-	-	-
23.5.8.7 Perform Bench Check with MAU-12/40/50 Test Set									-	-	-	-	-	-
* 23.5.8.8 Perform Bench Check with 16U75500 Test Set									2b	-	-	-	-	-
* 23.5.8.9 Perform Weight Check with Proof Load Tester									2b	-	-	-	-	-
23.5.9 BRU-57									-	-	-	-	-	-
* 23.5.9.1 Remove									1b	-	-	-	-	-
23.5.9.2 Disassemble									-	-	-	-	-	-
23.5.9.3 Inspect									-	-	-	-	-	-
23.5.9.4 Repair									-	-	-	-	-	-
23.5.9.5 Assemble									-	-	-	-	-	-
* 23.5.9.6 Install									1b	-	-	-	-	-
23.5.9.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.5.9.8 Perform Operational Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.10 AIM-9 Launcher									-	-	-	-	-	-
23.5.10.1 Remove									-	-	-	-	-	-
23.5.10.2 Disassemble									-	-	-	-	-	-
23.5.10.3 Inspect									-	-	-	-	-	-
23.5.10.4 Repair									-	-	-	-	-	-
23.5.10.5 Assemble									-	-	-	-	-	-
23.5.10.6 Install									-	-	-	-	-	-
23.5.10.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.5.10.8 Perform Operational Check with 16U75501 Test Set									-	-	-	-	-	-
23.5.10.9 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.10.10 Perform Detent Test									-	-	-	-	-	-
23.5.11 LAU-129 Launcher									-	-	-	-	-	-
* 23.5.11.1 Remove									3b	-	-	-	-	-
* 23.5.11.2 Disassemble									1b	-	-	-	-	-
* 23.5.11.3 Inspect									1b	-	-	-	-	-
23.5.11.4 Repair									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 23.5.11.5 Assemble									1b	-	-	-	-	-
* 23.5.11.6 Install									3b	-	-	-	-	-
* 23.5.11.7 Perform Functional Check with 16U75060 Test Set									1b	-	-	-	-	-
23.5.11.8 Perform Operational Check with 16U75501 Test Set									-	-	-	-	-	-
* 23.5.11.9 Perform Bench Check with 16U75500 Test Set									2b	-	-	-	-	-
* 23.5.11.10 Perform Detent Test									1b	-	-	-	-	-
23.5.12 Launcher Adapter									-	-	-	-	-	-
* 23.5.12.1 Remove									3b	-	-	-	-	-
23.5.12.2 Disassemble									-	-	-	-	-	-
23.5.12.3 Inspect									-	-	-	-	-	-
23.5.12.4 Repair									-	-	-	-	-	-
23.5.12.5 Assemble									-	-	-	-	-	-
* 23.5.12.6 Install									3b	-	-	-	-	-
23.5.13 LAU-88									-	-	-	-	-	-
23.5.13.1 Remove									-	-	-	-	-	-
23.5.13.2 Disassemble									-	-	-	-	-	-
23.5.13.3 Inspect									-	-	-	-	-	-
23.5.13.4 Repair									-	-	-	-	-	-
23.5.13.5 Assemble									-	-	-	-	-	-
23.5.13.6 Install									-	-	-	-	-	-
23.5.13.7 Perform Functional Check with 16U5060 Test Set									-	-	-	-	-	-
23.5.13.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.14 LAU-117									-	-	-	-	-	-
* 23.5.14.1 Remove									b	-	-	-	-	-
23.5.14.2 Disassemble									-	-	-	-	-	-
23.5.14.3 Inspect									-	-	-	-	-	-
23.5.14.4 Repair									-	-	-	-	-	-
23.5.14.5 Assemble									-	-	-	-	-	-
* 23.5.14.6 Install									b	-	-	-	-	-
23.5.14.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.5.14.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.15 LAU-118									-	-	-	-	-	-
* 23.5.15.1 Remove									1b	-	-	-	-	-
23.5.15.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.5.15.3 Inspect									-	-	-	-	-	-
23.5.15.4 Repair									-	-	-	-	-	-
23.5.15.5 Assemble									-	-	-	-	-	-
*23.5.15.6 Install									1b	-	-	-	-	-
23.5.15.7 Perform Functional Check with 16U75060 Test set									-	-	-	-	-	-
23.5.15.8 Perform Bench Check with TTU-416 Test Set									-	-	-	-	-	-
23.5.15.9 Perform Bench Check with AN/GSM-369 Test Set									-	-	-	-	-	-
23.5.15.10 Program using Enhanced Diagnostic Aid (EDNA)									-	-	-	-	-	-
23.5.16 SUU-20									-	-	-	-	-	-
*23.5.16.1 Remove									b	-	-	-	-	-
23.5.16.2 Disassemble									-	-	-	-	-	-
23.5.16.3 Inspect									-	-	-	-	-	-
23.5.16.4 Repair									-	-	-	-	-	-
23.5.16.5 Assemble									-	-	-	-	-	-
*23.5.16.6 Install									b	-	-	-	-	-
23.5.16.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.5.16.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.17 TER-9A									-	-	-	-	-	-
*23.5.17.1 Remove									3b	-	-	-	-	-
23.5.17.2 Disassemble									-	-	-	-	-	-
23.5.17.3 Inspect									-	-	-	-	-	-
23.5.17.4 Repair									-	-	-	-	-	-
23.5.17.5 Assemble									-	-	-	-	-	-
*23.5.17.6 Install									3b	-	-	-	-	-
*23.5.17.7 Perform Functional Check with 16U75060 Test Set									1b	-	-	-	-	-
23.5.17.8 Perform Bench Check with 16U75500 Test Set									-	-	-	-	-	-
23.5.17.9 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
23.5.18 LAU-131 Rocket Launcher									-	-	-	-	-	-
23.5.18.1 Remove									-	-	-	-	-	-
23.5.18.2 Disassemble									-	-	-	-	-	-
23.5.18.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.5.18.4 Repair									-	-	-	-	-	-
23.5.18.5 Assemble									-	-	-	-	-	-
23.5.18.6 Install									-	-	-	-	-	-
23.5.18.7 Perform Functional Check with 16U75060 Test Set									-	-	-	-	-	-
23.6 Perform Basic Post-Flight Inspections TR: TOs 1F-16()-6, 1F-16()-2-94JG-30-2, 1F-16()-2-94JG-30-4, 1F-16()-2-94JG-30-5, 1F-16()-2-94JG-50-1									-	-	-	-	-	-
* 23.6.1 TER-9A									3b	-	-	-	-	-
23.6.2 Gun									-	-	-	-	-	-
* 23.6.3 MAU-12 Bomb Rack									3b	-	-	-	-	-
23.6.4 AIM-9 Missile Launcher									-	-	-	-	-	-
23.6.5 LAU-88 Launcher									-	-	-	-	-	-
23.6.6 LAU-117 Launcher									-	-	-	-	-	-
23.6.7 LAU-118 Launcher									-	-	-	-	-	-
23.6.8 LAU-129 Launcher									-	-	-	-	-	-
23.6.9 SUU-20 Dispenser									-	-	-	-	-	-
23.6.10 LAU-131 Rocket Launcher									-	-	-	-	-	-
23.6.11 ALE-50 Launcher Controller									-	-	-	-	-	-
23.6.12. BRU-57									-	-	-	-	-	-
23.7 Armament Systems Components TR: TOs 1F-16()-2-94JG-10-1 to 10-3, 1F-16()-2-94JG-30-1 to 30-4, 1F-16()-2-94JG-50-2, 1F-16()-2-94JG-70-3, 11L1-2-16-2, 11L1-2-30-1, 12P3-2ALE50-2									-	-	-	-	-	-
* 23.7.1 Component Functions									A	-	-	-	-	-
23.7.2 Conventional RIU / ACRIU									-	-	-	-	-	-
23.7.2.1 Remove									-	-	-	-	-	-
23.7.2.2 Install									-	-	-	-	-	-
23.7.3 Missile RIU / AMRIU									-	-	-	-	-	-
* 23.7.3.1 Remove									1b	-	-	-	-	-
* 23.7.3.2 Install									1b	-	-	-	-	-
23.7.4 Ruggedized Nuclear RIU									-	-	-	-	-	-
23.7.4.1 Remove									-	-	-	-	-	-
23.7.4.2 Install									-	-	-	-	-	-
23.7.5 Jettison / Release RIU									-	-	-	-	-	-
23.7.5.1 Remove									-	-	-	-	-	-
23.7.5.2 Install									-	-	-	-	-	-
23.7.6 Stores Control Panel / MFD									-	-	-	-	-	-
23.7.6.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.7.6.2 Install									-	-	-	-	-	-
23.7.7 Central Interface Unit / ACIU									-	-	-	-	-	-
23.7.7.1 Remove									-	-	-	-	-	-
23.7.7.2 Install									-	-	-	-	-	-
23.7.7.3 Program using Enhanced Diagnostic Aid (EDNA)									-	-	-	-	-	-
23.7.8 Master Arm and Release Matrix									-	-	-	-	-	-
23.7.8.1 Remove									-	-	-	-	-	-
23.7.8.2 Install									-	-	-	-	-	-
23.7.9 SMS Power Matrix									-	-	-	-	-	-
23.7.9.1 Remove									-	-	-	-	-	-
23.7.9.2 Install									-	-	-	-	-	-
23.7.10 Wing Stores Matrix									-	-	-	-	-	-
23.7.10.1 Remove									-	-	-	-	-	-
23.7.10.2 Install									-	-	-	-	-	-
23.7.11 STA #5 Stores Matrix									-	-	-	-	-	-
23.7.11.1 Remove									-	-	-	-	-	-
23.7.11.2 Install									-	-	-	-	-	-
23.7.12 Gun Control Unit									-	-	-	-	-	-
23.7.12.1 Remove									-	-	-	-	-	-
23.7.12.2 Install									-	-	-	-	-	-
23.7.13 ALE-50 Launcher Controller									-	-	-	-	-	-
23.7.13.1 Remove									-	-	-	-	-	-
23.7.13.2 Install									-	-	-	-	-	-
23.7.14 Perform Stores Management System Confidence Check									-	-	-	-	-	-
23.8 Test Equipment TR: TOs 11B29-3-25-2, 11L1-3-27-1, 33D5-3-47-1, 33D5-53-13-1, 33D5-63-2-1, 33D5-63-3-1, 33D7-13-231-1, 33D9-54-7-42, 33D7-75-34-1, 33D9-45-42-1									-	-	-	-	-	-
23.8.1 Description									-	-	-	-	-	-
23.8.2 Familiarization									-	-	-	-	-	-
23.8.2.1 16U75060 Test Set									-	-	-	-	-	-
23.8.2.2 16U75501 Test Set									-	-	-	-	-	-
23.8.2.3 16U75500 Test Set									-	-	-	-	-	-
23.8.2.4 MAU-12/40/50/ Tester									-	-	-	-	-	-
23.8.2.5 Detent Tester									-	-	-	-	-	-
23.8.2.6 Proof Load Tester									-	-	-	-	-	-
23.8.2.7 MK-III/MK-IV Tester									-	-	-	-	-	-
23.8.2.8 Enhanced Diagnostic Aid (EDNA)									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.8.2.9 G132973-1 Fault Isolation System Tester (FIST)									-	-	-	-	-	-
23.8.2.10 Multiplex Bus Fault Isolator									-	-	-	-	-	-
23.8.2.11 AN/GSM-396 (GM LTS)									-	-	-	-	-	-
23.8.3 Inspect									-	-	-	-	-	-
23.8.3.1 16U75060 Test Set									-	-	-	-	-	-
23.8.3.2 16U75501 Test Set									-	-	-	-	-	-
23.8.3.3 16U75500 Test Set									-	-	-	-	-	-
23.8.3.4 MAU-12/40/50 Tester									-	-	-	-	-	-
23.8.3.5 Detent Tester									-	-	-	-	-	-
23.8.3.6 Proof Load Tester									-	-	-	-	-	-
23.8.3.7 MK-III/MK-IV Tester									-	-	-	-	-	-
23.8.3.8 Enhanced Diagnostic Aid (EDNA)									-	-	-	-	-	-
23.8.3.9 G132973-1 Fault Isolation System Tester (FIST)									-	-	-	-	-	-
23.8.3.10 Multiplex Bus Fault Isolator									-	-	-	-	-	-
23.8.3.11 AN/GSM-396 (GM LTS)									-	-	-	-	-	-
23.8.4 Maintain									-	-	-	-	-	-
23.8.4.1 16U75060 Test Set									-	-	-	-	-	-
23.8.4.2 16U75501 Test Set									-	-	-	-	-	-
23.8.4.3 16U75500 Test Set									-	-	-	-	-	-
23.8.4.4 MAU-12/40/50 Tester									-	-	-	-	-	-
23.8.4.5 Detent Tester									-	-	-	-	-	-
23.8.4.6 Proof Load Tester									-	-	-	-	-	-
23.8.4.7 MK-III/MK-IV Tester									-	-	-	-	-	-
23.8.4.8 Enhanced Diagnostic Aid (EDNA)									-	-	-	-	-	-
23.8.4.9 G132973-1 Fault Isolation System Tester (FIST)									-	-	-	-	-	-
23.8.4.10 Multiplex Bus Fault Isolator									-	-	-	-	-	-
23.8.4.11 AN/GSM-396 (GM LTS)									-	-	-	-	-	-
23.8.5 Repair									-	-	-	-	-	-
23.8.5.1 16U75060 Test Set									-	-	-	-	-	-
23.8.5.2 16U75501 Test Set									-	-	-	-	-	-
23.8.5.3 16U75500 Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
23.8.5.4 MAU-12/40/50 Tester									-	-	-	-	-	-
23.8.5.5 Detent Tester									-	-	-	-	-	-
23.8.5.6 Proof Load Tester									-	-	-	-	-	-
23.8.5.7 MK-III/MK-IV Tester									-	-	-	-	-	-
23.8.5.8 Multiplex Bus Fault Isolator									-	-	-	-	-	-
23.8.5.9 AN/GSM-396 (GM LTS)									-	-	-	-	-	-
23.8.6 Modify									-	-	-	-	-	-
23.8.6.1 16U75060 Test Set									-	-	-	-	-	-
23.8.6.2 16U75501 Test Set									-	-	-	-	-	-
23.8.6.3 16U75500 Test Set									-	-	-	-	-	-
23.8.6.4 MAU-12/40/50 Tester									-	-	-	-	-	-
23.8.6.5 Detent Tester									-	-	-	-	-	-
23.8.6.6 Proof Load Tester									-	-	-	-	-	-
23.8.6.7 MK-III/MK-IV Tester									-	-	-	-	-	-
23.9 Fault Isolation Procedures TR: TOs 1F-16()-2-94FI00-1, 1F-16()-2-94JG00-1									-	-	-	-	-	-
* 23.9.1 Use Fault Isolation Technical Order									a	-	-	-	-	-
* 23.9.2 Use Diagrams									a	-	-	-	-	-
23.9.3 Troubleshoot Circuits									-	-	-	-	-	-
23.10 Cockpit Armament Controls TR: TOs 1F-16()-2-94JG-10-1 to 10-3, 1F-16()-2-94JG-70-1 to 70-3									-	-	-	-	-	-
23.10.1 Armament Panels									-	-	-	-	-	-
23.10.1.1 Remove									-	-	-	-	-	-
23.10.1.2 Install									-	-	-	-	-	-
23.10.2 Armament Switches									-	-	-	-	-	-
23.10.2.1 Remove									-	-	-	-	-	-
23.10.2.2 Install									-	-	-	-	-	-
23.11 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1F-16()-16, 1F-16C-33-1-2									-	-	-	-	-	-
* 23.11.1 Characteristics									A	-	-	A	-	-
23.11.2 Nonnuclear									-	-	-	-	-	-
* 23.11.2.1 Load									1b	-	-	-	-	-
* 23.11.2.2 Unload									1b	-	-	-	-	-
23.11.3 Nuclear									-	-	-	-	-	-
23.11.3.1 Load									-	-	-	-	-	-
23.11.3.2 Unload									-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24 F/A-22 AIRCRAFT									-	-	-	-	-	-
24.1 Aerospace Ground Equipment TR: 11A-1-38, 34Y1-87-11, 35C2-3-372-1, 35D3-2-25-1, 35D3-2-27-1, 35D5-3-8-31, 35E9-90-41, 35F5-5-11-1, 35F5-5-15-1, 35E-10-34-1, 34E-10-33-1									-	-	-	-	-	-
24.1.1 Description									-	-	-	B	-	-
24.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
24.1.2.1 Inspect									-	-	-	-	-	-
24.1.2.2 Operate									-	-	-	-	-	-
24.1.2.3 Drive									-	-	-	-	-	-
24.1.3 A/M32A-60 Generator Set									-	-	-	-	-	-
24.1.3.1 Inspect									-	-	-	-	-	-
24.1.3.2 Operate									-	-	-	-	-	-
24.1.4 A/M32A-85 Generator Set									-	-	-	-	-	-
24.1.4.1 Inspect									-	-	-	-	-	-
24.1.4.2 Operate									-	-	-	-	-	-
24.1.5 Polyalphaolefin (PAO) Cooling System									-	-	-	-	-	-
24.1.5.1 Inspect									-	-	-	-	-	-
24.1.5.2 Operate									-	-	-	-	-	-
24.1.6 A/M27T-12 Hydraulic Test Stand (Mule)									-	-	-	-	-	-
24.1.6.1 Inspect									-	-	-	-	-	-
24.1.6.2 Operate									-	-	-	-	-	-
24.1.7 Munitions Handling Trailers									-	-	-	-	-	-
24.1.7.1 Inspect									-	-	-	B	-	-
24.1.7.2 Load/Unload									-	-	-	-	-	-
24.1.7.3 Tie-Down Procedures									-	-	-	-	-	-
24.1.8 TF-1 Floodlight Set									-	-	-	-	-	-
24.1.8.1 Inspect									-	-	-	-	-	-
24.1.8.2 Operate									-	-	-	-	-	-
24.1.9 MC-2A Air Compressor									-	-	-	-	-	-
24.1.9.1 Inspect									-	-	-	-	-	-
24.1.9.2 Operate									-	-	-	-	-	-
24.1.10 NF-2 Floodlight Set									-	-	-	-	-	-
24.1.10.1 Inspect									-	-	-	-	-	-
24.1.10.2 Operate									-	-	-	-	-	-
24.1.11 MHU-194E Lift Truck									-	-	-	-	-	-
24.1.11.1 Inspect									-	-	-	-	-	-
24.1.11.2 Operate									-	-	-	-	-	-
24.1.12 ADU-537 A/E Missile-Munitions Loading Adapter									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.1.12.1 Inspect									-	-	-	-	-	-
24.1.12.2 Maintain									-	-	-	-	-	-
24.1.12.3 Operate									-	-	-	-	-	-
24.2 Aircraft Familiarization TR: 1-1A-1, 001000, 002000, 003000									-	-	-	-	-	-
24.2.1 Concept of Operation									-	-	-	-	-	-
24.2.2 Security Precautions									-	-	-	-	-	-
24.2.3 Aircraft Safety Devices									-	-	-	-	-	-
24.2.4 Aircraft Danger Areas									-	-	-	-	-	-
24.2.5 Integrated Maintenance Information System (IMIS)									-	-	-	-	-	-
24.2.5.1 Overview									-	-	-	-	-	-
24.2.5.2 Portable Maintenance Aid (PMA)									-	-	-	-	-	-
24.2.5.2.1 Overview									-	-	-	-	-	-
24.2.5.2.2 Components									-	-	-	-	-	-
24.2.5.2.3 Operation									-	-	-	-	-	-
24.2.5.2.4 Parts Ordering									-	-	-	-	-	-
24.2.5.2.5 PMA Disk Drive									-	-	-	-	-	-
24.2.5.2.5.1 Remove									-	-	-	-	-	-
24.2.5.2.5.2 Install									-	-	-	-	-	-
24.2.5.2.6 PMA Battery									-	-	-	-	-	-
24.2.5.2.6.1 Remove									-	-	-	-	-	-
24.2.5.2.6.2 Install									-	-	-	-	-	-
24.2.5.2.7 Connect/Disconnect PMA									-	-	-	-	-	-
24.2.5.2.7.1 Ground									-	-	-	-	-	-
24.2.5.2.7.2 Pilot Station									-	-	-	-	-	-
24.2.5.2.8 Maintenance Support Cluster									-	-	-	-	-	-
24.2.5.2.8.1 Overview									-	-	-	-	-	-
24.2.5.2.8.2 Components									-	-	-	-	-	-
24.2.5.2.8.3 Operation									-	-	-	-	-	-
24.2.5.2.8.4 Upload/Download Information from PMA									-	-	-	-	-	-
24.2.6 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-
24.2.7 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
24.2.8 Remove/Install Panels									-	-	-	-	-	-
24.2.9 Apply/Remove Aircraft External Electrical Power									-	-	-	-	-	-
24.3 Auxiliary Power System TR: 002000, 490000									-	-	-	-	-	-
24.3.1 Overview									-	-	-	-	-	-
24.3.2 Safety Hazards									-	-	-	-	-	-

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	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC	
24.3.3 PMA Operation										-	-	-	-	-	-
24.4 Aircraft Doors TR: 001000, 123000, 524000, 942000										-	-	-	-	-	-
24.4.1 Actuated Doors										-	-	-	-	-	-
24.4.1.1 Main Weapons Bay Doors										-	-	-	-	-	-
24.4.1.1.1 PMA Operation										-	-	-	-	-	-
24.4.1.1.2 Manual Operation										-	-	-	-	-	-
24.4.1.2 Side Weapons Bay Doors										-	-	-	-	-	-
24.4.1.2.1 PMA Operation										-	-	-	-	-	-
24.4.1.2.2 Manual Operation										-	-	-	-	-	-
24.4.1.3 Counter Measures Door										-	-	-	-	-	-
24.4.1.4 PMA Operation										-	-	-	-	-	-
24.4.2 Operational Check										-	-	-	-	-	-
24.4.3 Weapons Doors Components										-	-	-	-	-	-
24.4.3.1 Power Drive Unit										-	-	-	-	-	-
24.4.3.1.1 Remove										-	-	-	-	-	-
24.4.3.1.2 Inspect										-	-	-	-	-	-
24.4.3.1.3 Install										-	-	-	-	-	-
24.4.3.1.4 Service										-	-	-	-	-	-
24.4.3.2 Open Sensor										-	-	-	-	-	-
24.4.3.2.1 Remove										-	-	-	-	-	-
24.4.3.2.2 Install										-	-	-	-	-	-
24.4.3.3 Close Sensor										-	-	-	-	-	-
24.4.3.3.1 Remove										-	-	-	-	-	-
24.4.3.3.2 Install										-	-	-	-	-	-
24.5 Stores Management System (SMS) TR: 001000, 941000										-	-	-	-	-	-
24.5.1 Overview										-	-	-	-	-	-
24.5.2 System Safety Hazards										-	-	-	-	-	-
24.5.3 SMS Station Test										-	-	-	-	-	-
24.5.3.1 PMA Operation										-	-	-	-	-	-
24.5.3.2 Pilot Station										-	-	-	-	-	-
24.6 Gun System TR: 001000, 144000, 945200, 945300, 11W1-12-15-2										-	-	-	-	-	-
24.6.1 Nomenclature										-	-	-	-	-	-
24.6.2 Function of Parts										-	-	-	-	-	-
24.6.3 Theory of Operation										-	-	-	-	-	-
24.6.4 Safety Hazards										-	-	-	-	-	-
24.6.5 Perform Safing and Clearing Procedures										-	-	-	-	-	-
24.6.6 Malfunctions or Jams										-	-	-	-	-	-
24.6.7 Gun Doors										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.6.7.1 Open/Close Gun Safing Door									-	-	-	-	-	-
24.6.7.2 Operate Port Door									-	-	-	-	-	-
24.6.7.3 Port Door Actuator									-	-	-	-	-	-
24.6.7.3.1 Remove									-	-	-	-	-	-
24.6.7.3.2 Install									-	-	-	-	-	-
24.6.7.3.3 Adjust									-	-	-	-	-	-
24.6.7.3.4 Interlock Monitoring Switch									-	-	-	-	-	-
24.6.7.3.4.1 Remove									-	-	-	-	-	-
24.6.7.3.4.2 Install									-	-	-	-	-	-
24.6.7.4 Operate Purge Door									-	-	-	-	-	-
24.6.7.5 Purge Door Actuator									-	-	-	-	-	-
24.6.7.5.1 Remove									-	-	-	-	-	-
24.6.7.5.2 Install									-	-	-	-	-	-
24.6.7.5.3 Adjust									-	-	-	-	-	-
24.6.7.5.4 Interlock Monitoring Switch									-	-	-	-	-	-
24.6.7.5.4.1 Remove									-	-	-	-	-	-
24.6.7.5.4.2 Install									-	-	-	-	-	-
24.6.8 M61A2 Gun									-	-	-	-	-	-
24.6.8.1 Nomenclature									-	-	-	-	-	-
24.6.8.2 Function of Parts									-	-	-	-	-	-
24.6.8.3 Cycle of Operation									-	-	-	-	-	-
24.6.8.4 Remove									-	-	-	-	-	-
24.6.8.5 Disassemble									-	-	-	-	-	-
24.6.8.6 Inspect									-	-	-	-	-	-
24.6.8.7 Repair									-	-	-	-	-	-
24.6.8.8 Assemble									-	-	-	-	-	-
24.6.8.9 Install									-	-	-	-	-	-
24.6.8.10 Perform Mechanical Check									-	-	-	-	-	-
24.6.8.11 Perform Operational Check									-	-	-	-	-	-
24.6.9 Ammunition Container									-	-	-	-	-	-
24.6.9.1 Remove									-	-	-	-	-	-
24.6.9.2 Inspect									-	-	-	-	-	-
24.6.9.3 Install									-	-	-	-	-	-
24.6.9.4 Adjust Recoil Track									-	-	-	-	-	-
24.6.10 Ammunition Container Drive Shaft									-	-	-	-	-	-
24.6.10.1 Remove									-	-	-	-	-	-
24.6.10.2 Inspect									-	-	-	-	-	-
24.6.10.3 Install									-	-	-	-	-	-
24.6.11 Transfer Chute Cover									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.6.11.1 Remove									-	-	-	-	-	-
24.6.11.2 Install									-	-	-	-	-	-
24.6.11.3 Inspect									-	-	-	-	-	-
24.6.12 Transfer Unit									-	-	-	-	-	-
24.6.12.1 Remove									-	-	-	-	-	-
24.6.12.2 Disassemble									-	-	-	-	-	-
24.6.12.3 Inspect									-	-	-	-	-	-
24.6.12.4 Repair									-	-	-	-	-	-
24.6.12.5 Assemble									-	-	-	-	-	-
24.6.12.6 Install									-	-	-	-	-	-
24.6.13 Rounds Limit Switch									-	-	-	-	-	-
24.6.13.1 Remove									-	-	-	-	-	-
24.6.13.2 Inspect									-	-	-	-	-	-
24.6.13.3 Install									-	-	-	-	-	-
24.6.14 Last Round Switch									-	-	-	-	-	-
24.6.14.1 Remove									-	-	-	-	-	-
24.6.14.2 Inspect									-	-	-	-	-	-
24.6.14.3 Install									-	-	-	-	-	-
24.6.15 Gun Drive Shaft									-	-	-	-	-	-
24.6.15.1 Remove									-	-	-	-	-	-
24.6.15.2 Inspect									-	-	-	-	-	-
24.6.15.3 Install									-	-	-	-	-	-
24.6.16 Hydraulic Drive									-	-	-	-	-	-
24.6.16.1 Remove									-	-	-	-	-	-
24.6.16.2 Inspect									-	-	-	-	-	-
24.6.16.3 Install									-	-	-	-	-	-
24.6.17 Hydraulic Drive Unit Handle									-	-	-	-	-	-
24.6.17.1 Remove									-	-	-	-	-	-
24.6.17.2 Install									-	-	-	-	-	-
24.7 Ammunition Loading Systems									-	-	-	-	-	-
24.7.1 Nomenclature									-	-	-	-	-	-
24.7.2 Theory of Operation									-	-	-	-	-	-
24.7.3 Universal Ammunition Loading Systems TR: 35D30-4-10-1, 35D30-4-11-1, 35D30-4-15-1									-	-	-	-	-	-
24.7.3.1 Nomenclature									-	-	-	-	-	-
24.7.3.2 Theory of Operation									-	-	-	-	-	-
24.7.3.3 Safety Hazards									-	-	-	-	-	-
24.7.3.4 Operate									-	-	-	-	-	-
24.7.3.5 Drum									-	-	-	-	-	-
24.7.3.5.1 Remove									-	-	-	-	-	-
24.7.3.5.2 Disassemble									-	-	-	-	-	-
24.7.3.5.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.7.3.5.4 Repair									-	-	-	-	-	-
24.7.3.5.5 Assemble									-	-	-	-	-	-
24.7.3.5.6 Install									-	-	-	-	-	-
24.7.3.6 Conveyor / Assembly									-	-	-	-	-	-
24.7.3.6.1 Remove									-	-	-	-	-	-
24.7.3.6.2 Disassemble									-	-	-	-	-	-
24.7.3.6.3 Inspect									-	-	-	-	-	-
24.7.3.6.4 Repair									-	-	-	-	-	-
24.7.3.6.5 Assemble									-	-	-	-	-	-
24.7.3.6.6 Install									-	-	-	-	-	-
24.7.3.7 Interface Unit									-	-	-	-	-	-
24.7.3.7.1 Remove									-	-	-	-	-	-
24.7.3.7.2 Disassemble									-	-	-	-	-	-
24.7.3.7.3 Inspect									-	-	-	-	-	-
24.7.3.7.4 Repair									-	-	-	-	-	-
24.7.3.7.5 Assemble									-	-	-	-	-	-
24.7.3.7.6 Install									-	-	-	-	-	-
24.7.3.8 Handoff Unit Checking Fixture									-	-	-	-	-	-
24.7.3.8.1 Inspect									-	-	-	-	-	-
24.7.3.8.2 Use									-	-	-	-	-	-
24.7.3.9 Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
24.7.3.9.1 Inspect									-	-	-	-	-	-
24.7.3.9.2 Use									-	-	-	-	-	-
24.7.3.10 UALS Interface Unit Checking Fixture									-	-	-	-	-	-
24.7.3.10.1 Inspect									-	-	-	-	-	-
24.7.3.10.2 Use									-	-	-	-	-	-
24.7.3.11 UALS Entrance / Exit Unit Checking Fixture									-	-	-	-	-	-
24.7.3.11.1 Inspect									-	-	-	-	-	-
24.7.3.11.2 Operate									-	-	-	-	-	-
24.7.3.12 Transfer Unit Checking Fixture									-	-	-	-	-	-
24.7.3.12.1 Inspect									-	-	-	-	-	-
24.7.3.12.2 Use									-	-	-	-	-	-
24.7.3.13 Gun Handling Adapter									-	-	-	-	-	-
24.7.3.13.1 Inspect									-	-	-	-	-	-
24.7.3.13.2 Use									-	-	-	-	-	-
24.7.3.14 Ammunition Container Support Equipment									-	-	-	-	-	-
24.7.3.14.1 Inspect									-	-	-	-	-	-
24.7.3.14.2 Use									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
24.7.4 Linkless Ammunition Loading System (LALS)										-	-	-	-	-	-
24.7.4.1 Drum / Storage Container										-	-	-	-	-	-
24.7.4.1.1 Remove										-	-	-	-	-	-
24.7.4.1.2 Disassemble										-	-	-	-	-	-
24.7.4.1.3 Inspect										-	-	-	-	-	-
24.7.4.1.4 Repair										-	-	-	-	-	-
24.7.4.1.5 Assemble										-	-	-	-	-	-
24.7.4.1.6 Install										-	-	-	-	-	-
24.7.4.2 Conveyor / Assembly										-	-	-	-	-	-
24.7.4.2.1 Remove										-	-	-	-	-	-
24.7.4.2.2 Disassemble										-	-	-	-	-	-
24.7.4.2.3 Inspect										-	-	-	-	-	-
24.7.4.2.4 Repair										-	-	-	-	-	-
24.7.4.2.5 Assemble										-	-	-	-	-	-
24.7.4.2.6 Install										-	-	-	-	-	-
24.7.4.3 Interface Unit										-	-	-	-	-	-
24.7.4.3.1 Remove										-	-	-	-	-	-
24.7.4.3.2 Disassemble										-	-	-	-	-	-
24.7.4.3.3 Inspect										-	-	-	-	-	-
24.7.4.3.4 Repair										-	-	-	-	-	-
24.7.4.3.5 Assemble										-	-	-	-	-	-
24.7.4.3.6 Install										-	-	-	-	-	-
24.7.4.4 Ammunition Delinker Loader										-	-	-	-	-	-
24.7.4.4.1 Nomenclature										-	-	-	-	-	-
24.7.4.4.2 Theory of Operation										-	-	-	-	-	-
24.7.4.4.3 Disassemble										-	-	-	-	-	-
24.7.4.4.4 Inspect										-	-	-	-	-	-
24.7.4.4.5 Repair										-	-	-	-	-	-
24.7.4.4.6 Assemble										-	-	-	-	-	-
24.7.4.4.7 Use										-	-	-	-	-	-
24.7.4.5 Linear Linkless Handoff Unit Checking Fixture										-	-	-	-	-	-
24.7.4.5.1 Inspect										-	-	-	-	-	-
24.7.4.5.2 Operate										-	-	-	-	-	-
24.7.4.6 Entrance / Exit Unit Checking Fixture										-	-	-	-	-	-
24.7.4.6.1 Inspect										-	-	-	-	-	-
24.7.4.6.2 Operate										-	-	-	-	-	-
24.7.4.7 Transfer Unit Checking Fixture										-	-	-	-	-	-
24.7.4.7.1 Inspect										-	-	-	-	-	-
24.7.4.7.2 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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
24.7.4.8 Conveyor Element Checking Fixture										-	-	-	-	-	-
24.7.4.8.1 Inspect										-	-	-	-	-	-
24.7.4.8.2 Operate										-	-	-	-	-	-
24.7.4.9 Use										-	-	-	-	-	-
24.8 Stores Suspension Equipment TR: 001000, 121000, 943100, 943200, 943300, 943400, 11B29-3-60-2, 11B29-3-61-2, 11L1-2-24-2										-	-	-	-	-	-
24.8.1 Description										-	-	-	-	-	-
24.8.2 Theory of Operation										-	-	-	-	-	-
24.8.3 Function of Parts										-	-	-	-	-	-
24.8.4 Pylon										-	-	-	-	-	-
24.8.4.1 Remove										-	-	-	-	-	-
24.8.4.2 Disassemble										-	-	-	-	-	-
24.8.4.3 Inspect										-	-	-	-	-	-
24.8.4.4 Repair										-	-	-	-	-	-
24.8.4.5 Assemble										-	-	-	-	-	-
24.8.4.6 Install										-	-	-	-	-	-
24.8.4.7 Perform Bench Check using TTU-584/E										-	-	-	-	-	-
24.8.5 Power Actuated Unit										-	-	-	-	-	-
24.8.5.1 Remove										-	-	-	-	-	-
24.8.5.2 Inspect										-	-	-	-	-	-
24.8.5.3 Install										-	-	-	-	-	-
24.8.6 Fire Missile Adapter (FMA)										-	-	-	-	-	-
24.8.6.1 Remove										-	-	-	-	-	-
24.8.6.2 Disassemble										-	-	-	-	-	-
24.8.6.3 Inspect										-	-	-	-	-	-
24.8.6.4 Repair										-	-	-	-	-	-
24.8.6.5 Assemble										-	-	-	-	-	-
24.8.6.6 Install										-	-	-	-	-	-
24.8.7 LAU-141/B (CRL) Launcher										-	-	-	-	-	-
24.8.7.1 Remove										-	-	-	-	-	-
24.8.7.2 Disassemble										-	-	-	-	-	-
24.8.7.3 Inspect										-	-	-	-	-	-
24.8.7.4 Repair										-	-	-	-	-	-
24.8.7.5 Assemble										-	-	-	-	-	-
24.8.7.6 Install										-	-	-	-	-	-
24.8.8 Trapeze Actuator										-	-	-	-	-	-
24.8.8.1 Remove										-	-	-	-	-	-
24.8.8.2 Install										-	-	-	-	-	-
24.8.9 Trapeze Arm										-	-	-	-	-	-
24.8.9.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.8.9.2 Install									-	-	-	-	-	-
24.8.9.3 Extend / Retract									-	-	-	-	-	-
24.8.10 LAU-142/A (AVEL) Launcher									-	-	-	-	-	-
24.8.10.1 Remove									-	-	-	-	-	-
24.8.10.2 Disassemble									-	-	-	-	-	-
24.8.10.3 Inspect									-	-	-	-	-	-
24.8.10.4 Repair									-	-	-	-	-	-
24.8.10.5 Assemble									-	-	-	-	-	-
24.8.10.6 Install									-	-	-	-	-	-
24.8.10.7 Extend / Retract									-	-	-	-	-	-
24.8.11 Accumulator									-	-	-	-	-	-
24.8.11.1 Service with Nitrogen									-	-	-	-	-	-
24.8.11.2 Deplete Nitrogen Accumulator									-	-	-	-	-	-
24.8.12 AVEL Hydraulic Lines									-	-	-	-	-	-
24.8.12.1 Remove									-	-	-	-	-	-
24.8.12.2 Inspect									-	-	-	-	-	-
24.8.12.3 Repair									-	-	-	-	-	-
24.8.12.4 Install									-	-	-	-	-	-
24.8.12.5 Extend / Retract									-	-	-	-	-	-
24.8.13 BRU-46 Bomb Rack									-	-	-	-	-	-
24.8.13.1 Remove									-	-	-	-	-	-
24.8.13.2 Disassemble									-	-	-	-	-	-
24.8.13.3 Inspect									-	-	-	-	-	-
24.8.13.4 Repair									-	-	-	-	-	-
24.8.13.5 Assemble									-	-	-	-	-	-
24.8.13.6 Install									-	-	-	-	-	-
24.8.13.7 Perform Proof Load Test									-	-	-	-	-	-
24.8.13.8 Perform Bench Check using TTU-584/E									-	-	-	-	-	-
24.8.14 LAU-128 Launcher									-	-	-	-	-	-
24.8.14.1 Remove									-	-	-	-	-	-
24.8.14.2 Disassemble									-	-	-	-	-	-
24.8.14.3 Inspect									-	-	-	-	-	-
24.8.14.4 Repair									-	-	-	-	-	-
24.8.14.5 Assemble									-	-	-	-	-	-
24.8.14.6 Install									-	-	-	-	-	-
24.8.14.7 Perform Bench Check using TTU-584/E									-	-	-	-	-	-
24.8.14.8 Perform Detent Test									-	-	-	-	-	-
24.8.15 BRU-47 Bomb Rack									-	-	-	-	-	-
24.8.15.1 Remove									-	-	-	-	-	-
24.8.15.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
24.8.15.3 Inspect									-	-	-	-	-	-
24.8.15.4 Repair									-	-	-	-	-	-
24.8.15.5 Assemble									-	-	-	-	-	-
24.8.15.6 Install									-	-	-	-	-	-
24.8.15.7 Perform Proof Load Test									-	-	-	-	-	-
24.8.15.8 Perform Bench Check using TTU-584/E									-	-	-	-	-	-
24.9 Armament Systems Components TR: 941000									-	-	-	-	-	-
24.9.1 Integrated Vehicle Subsystem Controller (IVSC)									-	-	-	-	-	-
24.9.1.1 Overview									-	-	-	-	-	-
24.9.1.2 Safety Hazards									-	-	-	-	-	-
24.9.1.3 Component Function / Operation									-	-	-	-	-	-
24.9.2 Line Replace Modules									-	-	-	-	-	-
24.9.2.1 Remove									-	-	-	-	-	-
24.9.2.2 Install									-	-	-	-	-	-
24.10 Test Equipment TR: 33D5-3-46-1, 33D5-3-50-1, 33D5-3-50-4, 33D5-12-231-1, 33D5-12-231-4, 33D5-16-72-1, 33D5-30-4-1, 33D5-53-13-1, 33D5-63-5-1, 33D5-63-5-4, 33D9-54-7-42									-	-	-	-	-	-
24.10.1 Description									-	-	-	-	-	-
24.10.2 Familiarization									-	-	-	-	-	-
24.10.2.1 TTU-584/E (COLT)									-	-	-	-	-	-
24.10.2.2 Proof Load Tester									-	-	-	-	-	-
24.10.2.3 Detent Tester									-	-	-	-	-	-
24.10.3 TTU-584/E (COLT)									-	-	-	-	-	-
24.10.3.1 Inspect									-	-	-	-	-	-
24.10.3.2 Maintain									-	-	-	-	-	-
24.10.3.3 Repair									-	-	-	-	-	-
24.10.4 Proof Load Tester									-	-	-	-	-	-
24.10.4.1 Inspect									-	-	-	-	-	-
24.10.4.2 Maintain									-	-	-	-	-	-
24.10.4.3 Repair									-	-	-	-	-	-
24.10.5 Detent Tester									-	-	-	-	-	-
24.10.5.1 Inspect									-	-	-	-	-	-
24.10.5.2 Maintain									-	-	-	-	-	-
24.10.5.3 Repair									-	-	-	-	-	-
24.11 Fault Isolation TR: 11L1-2-24-2, 11B29-3-60-2, 11B29-3-61-2, 941000									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC	
24.11.1 Principles of Troubleshooting										-	-	-	-	-	-
24.11.2 Use Fault Isolation Procedures										-	-	-	-	-	-
24.11.3 Use Aircraft Fault Isolation Procedures										-	-	-	-	C	-
24.11.4 Use Block / Schematic Diagrams										-	-	-	-	-	-
24.11.5 Troubleshoot Circuits										-	-	-	-	-	-
24.11.6 Retrieve Faults from Global Manager										-	-	-	-	-	-
24.11.7 SMS Fault Isolation										-	-	-	-	-	-
24.11.7.1 PMA Operation										-	-	-	-	-	-
24.11.7.2 Pilot Station										-	-	-	-	-	-
24.12 Aircraft Functional Checks with TTU-584/E TR: 941000										-	-	-	-	-	-
24.12.1 Pylon										-	-	-	-	-	-
24.12.2 LAU-141/B										-	-	-	-	-	-
24.12.3 LAU-142/A										-	-	-	-	-	-
24.12.4 LAU-128										-	-	-	-	-	-
24.12.5 Fire Missile Adapter										-	-	-	-	-	-
24.12.6 BRU-46										-	-	-	-	-	-
24.12.7 BRU-47										-	-	-	-	-	-
24.12.8 Gun System										-	-	-	-	-	-
24.13 Perform Pre / Post / Thru-Flight Inspections TR: 132000, 943100, 943200, 943300, 943400										-	-	-	-	-	-
24.13.1 Pylon										-	-	-	-	-	-
24.13.2 LAU-141/B										-	-	-	-	-	-
24.13.3 LAU-142/A										-	-	-	-	-	-
24.13.4 LAU-128										-	-	-	-	-	-
24.13.5 Fire Missile Adapter										-	-	-	-	-	-
24.13.6 BRU-46										-	-	-	-	-	-
24.13.7 BRU-47										-	-	-	-	-	-
24.13.8 Gun System										-	-	-	-	-	-
24.14 Airmunitions (See Matrix) TR: 1-1M-33, 144000										-	-	-	-	-	-
24.14.1 Characteristics										-	-	-	-	-	-
24.14.2 Nonnuclear										-	-	-	-	-	-
24.14.2.1 Load										-	-	-	-	-	-
24.14.2.2 Unload										-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25 F-117A AIRCRAFT									-	-	-	-	-	-
25.1 Aerospace Ground Equipment TR: TOs 1-1A-15, 11A-1-38, 33A2-NORA-27T-1, 33A2-NORA-TTU-228, 34Y1-87-11, 35C2-2-31-61, 35C2-3-372-11, 35C2-3-469-1, 35C2-3-469-11 to -14, 35D3-2-25-1, 35D3-2-27-1, 35D3-2-28-1, 35D3-3-8-31, 35D3-9-23-1, 35F5-5-11-31, 35F5-5-16-1, 35F5-16-1									-	-	-	-	-	-
25.1.1 Description									-	-	-	B	-	-
25.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
25.1.2.1 Inspect									-	-	-	-	-	-
25.1.2.2 Operate									-	-	-	-	-	-
25.1.2.3 Drive									-	-	-	-	-	-
25.1.3 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
25.1.3.1 Inspect									-	-	-	-	-	-
25.1.3.2 Operate									-	-	-	-	-	-
25.1.3.3 Drive									-	-	-	-	-	-
25.1.4 A/M32A-60 Generator Set									-	-	-	-	-	-
25.1.4.1 Inspect									-	-	-	-	-	-
25.1.4.2 Operate									-	-	-	-	-	-
25.1.5 A/M32A-85 Generator Set									-	-	-	-	-	-
25.1.5.1 Inspect									-	-	-	-	-	-
25.1.5.2 Operate									-	-	-	-	-	-
25.1.6 MD-4 Generator Set									-	-	-	-	-	-
25.1.6.1 Inspect									-	-	-	-	-	-
25.1.6.2 Operate									-	-	-	-	-	-
25.1.7 A/M32A-86(D) Generator Set									-	-	-	-	-	-
25.1.7.1 Inspect									-	-	-	-	-	-
25.1.7.2 Operate									-	-	-	-	-	-
25.1.8 ACE401A09/010 Air Conditioner									-	-	-	-	-	-
25.1.8.1 Inspect									-	-	-	-	-	-
25.1.8.2 Operate									-	-	-	-	-	-
25.1.9 MC-2A Air Compressor									-	-	-	-	-	-
25.1.9.1 Inspect									-	-	-	-	-	-
25.1.9.2 Operate									-	-	-	-	-	-
25.1.10 TF-1 Floodlight Set									-	-	-	-	-	-
25.1.10.1 Inspect									-	-	-	-	-	-
25.1.10.2 Operate									-	-	-	-	-	-
25.1.11 NF-2 Floodlight Light									-	-	-	-	-	-
25.1.11.1 Inspect									-	-	-	-	-	-
25.1.11.2 Operate									-	-	-	-	-	-
25.1.12 Hydraulic Test Stand									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25.1.12.1 Inspect									-	-	-	-	-	-
25.1.12.2 Operate									-	-	-	-	-	-
25.1.13 MHU-194/E Lift Truck									-	-	-	-	-	-
25.1.13.1 Inspect									-	-	-	-	-	-
25.1.13.2 Operate									-	-	-	-	-	-
25.1.14 Munitions Handling Trailers									-	-	-	-	-	-
25.1.14.1 Description									-	-	-	-	-	-
25.1.14.2 Load / Unload									-	-	-	-	-	-
25.1.14.3 Tie-Down Procedures									-	-	-	-	-	-
25.1.15 AM-32C-5 Air Conditioner									-	-	-	-	-	-
25.1.15.1 Inspect									-	-	-	-	-	-
25.1.15.2 Operate									-	-	-	-	-	-
25.1.16 MA3D Air Conditioner									-	-	-	-	-	-
25.1.16.1 Inspect									-	-	-	-	-	-
25.1.16.2 Operate									-	-	-	-	-	-
25.1.17 MC-1A Power Unit									-	-	-	-	-	-
25.1.17.1 Inspect									-	-	-	-	-	-
25.1.17.2 Operate									-	-	-	-	-	-
25.2 Aircraft Familiarization TR: TOs 1F-117A-2-00GV, 1F-117A-2-00JG-1, 1F-117A-2-00JG-2, 1F-117A-2-94-GS-1, 1F-117A-33-1-2									-	-	-	-	-	-
25.2.1 Aircraft Safety Devices									-	-	-	-	-	-
25.2.2 Aircraft Danger Areas									-	-	-	-	-	-
25.2.3 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-
25.2.4 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
25.2.5 Apply / Remove Aircraft External Electrical Power									-	-	-	-	-	-
25.2.6 Apply / Remove Cooling Air									-	-	-	-	-	-
25.2.7 Apply / Remove Hydraulic Power									-	-	-	-	-	-
25.2.8 F-117A Panel Access									-	-	-	-	-	-
25.2.9 Left / Right E-Bay Access									-	-	-	-	-	-
25.2.10 Operate Weapons Bay Traps / Doors									-	-	-	-	-	-
25.2.11 Perform Hung Bomb Procedures									-	-	-	-	-	-
25.2.12 Perform EOR Crew Member Duties									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
25.3 Stores Suspension Equipment TR: TOs 1F-117A-33-1-2, 1F-117A-2-94GS-1, 11B29-3-25-2, 11B29-3-28-1, 94-20R898-1										-	-	-	-	-	-
25.3.1 Description										-	-	-	-	-	-
25.3.2 Theory of Operation										-	-	-	-	-	-
25.3.3 Function of Parts										-	-	-	-	-	-
25.3.4 MAU-12										-	-	-	-	-	-
25.3.4.1 Remove										-	-	-	-	-	-
25.3.4.2 Disassemble										-	-	-	-	-	-
25.3.4.3 Inspect										-	-	-	-	-	-
25.3.4.4 Repair										-	-	-	-	-	-
25.3.4.5 Assemble										-	-	-	-	-	-
25.3.4.6 Install										-	-	-	-	-	-
25.3.4.7 Perform Bench Check										-	-	-	-	-	-
25.3.4.8 Perform Functional Check with 16U75060 Tester										-	-	-	-	-	-
25.3.4.9 Perform Weight Check with Proof Load Tester										-	-	-	-	-	-
25.3.4.10 Perform 180 Day Clean and Lube										-	-	-	-	-	-
25.3.4.11 Perform End of Firing Day Inspection										-	-	-	-	-	-
25.3.5 SUU-20										-	-	-	-	-	-
25.3.5.1 Remove										-	-	-	-	-	-
25.3.5.2 Disassemble										-	-	-	-	-	-
25.3.5.3 Inspect										-	-	-	-	-	-
25.3.5.4 Repair										-	-	-	-	-	-
25.3.5.5 Assemble										-	-	-	-	-	-
25.3.5.6 Install										-	-	-	-	-	-
25.3.5.7 Perform Bench Check										-	-	-	-	-	-
25.3.5.8 Perform Functional Check with 16U75060 Tester										-	-	-	-	-	-
25.3.5.9 Perform End of Firing Day Inspection										-	-	-	-	-	-
25.3.6 Trapeze Assembly										-	-	-	-	-	-
25.3.6.1 Trapeze Assembly										-	-	-	-	-	-
25.3.6.1.1 Remove										-	-	-	-	-	-
25.3.6.1.2 Install										-	-	-	-	-	-
25.3.6.1.3 Adjust										-	-	-	-	-	-
25.3.6.1.4 Operational Check										-	-	-	-	-	-
25.3.6.2 Trapeze Uplock										-	-	-	-	-	-
25.3.6.2.1 Remove										-	-	-	-	-	-
25.3.6.2.2 Install										-	-	-	-	-	-
25.3.6.2.3 Operational Check										-	-	-	-	-	-
25.3.6.3 Trapeze Uplock Actuator										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25.3.6.3.1 Remove									-	-	-	-	-	-
25.3.6.3.2 Install									-	-	-	-	-	-
25.3.6.3.3 Operational Check									-	-	-	-	-	-
25.3.7 MIL-STD-1760 Umbilical									-	-	-	-	-	-
25.3.7.1 Remove									-	-	-	-	-	-
25.3.7.2 Inspect									-	-	-	-	-	-
25.3.7.3 Install									-	-	-	-	-	-
25.3.8 Travel Pod									-	-	-	-	-	-
25.3.8.1 Remove									-	-	-	-	-	-
25.3.8.2 Inspect									-	-	-	-	-	-
25.3.8.3 Install									-	-	-	-	-	-
25.3.9 Cargo Pallet									-	-	-	-	-	-
25.3.9.1 Remove									-	-	-	-	-	-
25.3.9.2 Inspect									-	-	-	-	-	-
25.3.9.3 Install									-	-	-	-	-	-
25.4 Test Equipment TR: TOs 1-1M-33, 11B29-3-25-2, 11B29-3-28-1, 1F-117A-2-94GS-1, 1F-117-33-1, 94-20R898-1									-	-	-	-	-	-
25.4.1 Description									-	-	-	-	-	-
25.4.2 Familiarization									-	-	-	-	-	-
25.4.2.1 16U75060 Armament Circuit Preload Test Set									-	-	-	-	-	-
25.4.2.2 Proximity Tester									-	-	-	-	-	-
25.4.2.3 Weapons Interface Tester C/D									-	-	-	-	-	-
25.4.2.4 Proof Load Tester									-	-	-	-	-	-
25.4.2.5 MAU-12 Bench Tester									-	-	-	-	-	-
25.4.2.6 SUU-20- Bench Tester									-	-	-	-	-	-
25.4.2.7 Multimeter									-	-	-	-	-	-
25.4.2.8 KYK-13 Data Transfer Device									-	-	-	-	-	-
25.4.2.9 20G1373-101, MIL STD 1760 Functional Test Set									-	-	-	-	-	-
25.4.2.10 AN/PSM-11/(V)1, Satellite Signals Navigation Set									-	-	-	-	-	-
25.4.3 Inspect									-	-	-	-	-	-
25.4.3.1 16U75060 Armament Circuit Preload Test Set									-	-	-	-	-	-
25.4.3.2 Proximity Tester									-	-	-	-	-	-
25.4.3.3 Weapons Interface Tester C/D									-	-	-	-	-	-
25.4.3.4 Proof Load Tester									-	-	-	-	-	-
25.4.3.5 MAU-12 Bench Tester									-	-	-	-	-	-
25.4.3.6 SUU-20- Bench 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25.4.3.7 Multimeter									-	-	-	-	-	-
25.4.3.8 KYK-13 Data Transfer Device									-	-	-	-	-	-
25.4.3.9 20G1373-101, MIL STD 1760 Functional Test Set									-	-	-	-	-	-
25.4.3.10 AN/PSM-11/(V)1, Satellite Signals Navigation Set									-	-	-	-	-	-
25.4.4 Maintain									-	-	-	-	-	-
25.4.4.1 16U75060 Armament Circuit Preload Test Set									-	-	-	-	-	-
25.4.4.2 Proximity Tester									-	-	-	-	-	-
25.4.4.3 Weapons Interface Tester C/D									-	-	-	-	-	-
25.4.4.4 Proof Load Tester									-	-	-	-	-	-
25.4.4.5 MAU-12 Bench Tester									-	-	-	-	-	-
25.4.4.6 SUU-20- Bench Tester									-	-	-	-	-	-
25.4.4.7 Multimeter									-	-	-	-	-	-
25.4.4.8 20G1373-101, MIL STD 1760 Functional Test Set									-	-	-	-	-	-
25.4.5 Repair									-	-	-	-	-	-
25.4.5.1 16U75060 Armament Circuit Preload Test Set									-	-	-	-	-	-
25.4.5.2 Proximity Tester									-	-	-	-	-	-
25.4.5.3 Weapons Interface Tester C/D									-	-	-	-	-	-
25.4.5.4 Proof Load Tester									-	-	-	-	-	-
25.4.5.5 MAU-12 Bench Tester									-	-	-	-	-	-
25.4.5.6 SUU-20- Bench Tester									-	-	-	-	-	-
25.4.5.7 Multimeter									-	-	-	-	-	-
25.4.5.8 20G1373-101, MIL STD 1760 Functional Test Set									-	-	-	-	-	-
25.4.6 Modify									-	-	-	-	-	-
25.4.6.1 16U75060 Armament Circuit Preload Test Set									-	-	-	-	-	-
25.4.6.2 Proximity Tester									-	-	-	-	-	-
25.4.6.3 Weapons Interface Tester C/D									-	-	-	-	-	-
25.4.6.4 Proof Load Tester									-	-	-	-	-	-
25.4.6.5 MAU-12 Bench Tester									-	-	-	-	-	-
25.4.6.6 SUU-20- Bench Tester									-	-	-	-	-	-
25.4.6.7 Multimeter									-	-	-	-	-	-
25.4.6.8 20G1373-101, MIL STD 1760 Functional Test Set									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
25.5 Armament System Components TR: TOs 1F-117A-2-94GS-1, 1F-117A-33-1-2										-	-	-	-	-	-
25.5.1 Component Functions										-	-	-	-	-	-
25.5.2 Cockpit Armament Panels										-	-	-	-	-	-
25.5.2.1 Remove										-	-	-	-	-	-
25.5.2.2 Install										-	-	-	-	-	-
25.5.2.3 Perform Operational Check										-	-	-	-	-	-
25.5.3 Stores Management Processor										-	-	-	-	-	-
25.5.3.1 Remove										-	-	-	-	-	-
25.5.3.2 Install										-	-	-	-	-	-
25.5.3.3 Perform Required Test										-	-	-	-	-	-
25.5.4 Remote Switching Unit										-	-	-	-	-	-
25.5.4.1 Remove										-	-	-	-	-	-
25.5.4.2 Install										-	-	-	-	-	-
25.5.4.3 Perform Required Test										-	-	-	-	-	-
25.5.5 Weapons Load Panel										-	-	-	-	-	-
25.5.5.1 Remove										-	-	-	-	-	-
25.5.5.2 Install										-	-	-	-	-	-
25.5.5.3 Perform Required Test										-	-	-	-	-	-
25.5.6 Perform System Reliability Test										-	-	-	-	-	-
25.6 Weapons Suspension System TR: TO 1F-117A-2-32GS										-	-	-	-	-	-
25.6.1 Uplock Assembly										-	-	-	-	-	-
25.6.1.1 Remove										-	-	-	-	-	-
25.6.1.2 Inspect										-	-	-	-	-	-
25.6.1.3 Install										-	-	-	-	-	-
25.6.1.4 Perform Operational Check										-	-	-	-	-	-
25.6.2 Trap-Up Switch										-	-	-	-	-	-
25.6.2.1 Remove										-	-	-	-	-	-
25.6.2.2 Install										-	-	-	-	-	-
25.6.2.3 Perform Required Test										-	-	-	-	-	-
25.6.3 Trap Inhibit Pin										-	-	-	-	-	-
25.6.3.1 Remove										-	-	-	-	-	-
25.6.3.2 Install										-	-	-	-	-	-
25.6.3.3 Perform Required Test										-	-	-	-	-	-
25.6.4 Push-Pull Cable										-	-	-	-	-	-
25.6.4.1 Remove										-	-	-	-	-	-
25.6.4.2 Install										-	-	-	-	-	-
25.6.4.3 Perform Required Test										-	-	-	-	-	-
25.6.5 Perform Fast Mode Door Operation										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25.7 SMS Proximity System									-	-	-	-	-	-
25.7.1 Proximity Box									-	-	-	-	-	-
25.7.1.1 Remove									-	-	-	-	-	-
25.7.1.2 Install									-	-	-	-	-	-
25.7.1.3 Operational Check									-	-	-	-	-	-
25.7.2 Proximity Sensors									-	-	-	-	-	-
25.7.2.1 Remove									-	-	-	-	-	-
25.7.2.2 Inspect									-	-	-	-	-	-
25.7.2.3 Install									-	-	-	-	-	-
25.7.2.4 Operational Check									-	-	-	-	-	-
25.8 Tailhook System									-	-	-	-	-	-
25.8.1 Panel									-	-	-	-	-	-
25.8.1.1 Remove									-	-	-	-	-	-
25.8.1.2 Inspect									-	-	-	-	-	-
25.8.1.3 Install									-	-	-	-	-	-
25.8.2 Initiator									-	-	-	-	-	-
25.8.2.1 Remove									-	-	-	-	-	-
25.8.2.2 Inspect									-	-	-	-	-	-
25.8.2.3 Install									-	-	-	-	-	-
25.8.2.4 Operational Check									-	-	-	-	-	-
25.9 Hydraulic System									-	-	-	-	-	-
25.9.1 Switching Valve									-	-	-	-	-	-
25.9.1.1 Remove									-	-	-	-	-	-
25.9.1.2 Install									-	-	-	-	-	-
25.9.1.3 Operational Check									-	-	-	-	-	-
25.9.2 Directional Control / Isolation Assembly									-	-	-	-	-	-
25.9.2.1 Remove									-	-	-	-	-	-
25.9.2.2 Install									-	-	-	-	-	-
25.9.2.3 Operational Check									-	-	-	-	-	-
25.9.3 Trapeze Directional Control / Shutoff Valve									-	-	-	-	-	-
25.9.3.1 Remove									-	-	-	-	-	-
25.9.3.2 Install									-	-	-	-	-	-
25.9.3.3 Operational Check									-	-	-	-	-	-
25.9.4 Door Sequence Control / Shutoff Valve									-	-	-	-	-	-
25.9.4.1 Remove									-	-	-	-	-	-
25.9.4.2 Install									-	-	-	-	-	-
25.9.4.3 Operational Check									-	-	-	-	-	-
25.9.5 Turnaround Valve									-	-	-	-	-	-
25.9.5.1 Remove									-	-	-	-	-	-
25.9.5.2 Install									-	-	-	-	-	-
25.9.5.3 Operational Check									-	-	-	-	-	-
25.10 Fault Isolation									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
25.10.1 Use Applicable Technical Data									-	-	-	-	-	-
25.10.2 Wiring Diagrams									-	-	-	-	-	-
25.10.3 Troubleshoot Circuitry									-	-	-	-	-	-
25.11 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1F-117A-33-1-2, 1F-117A-16, 1F-117A-2-94GS-1									-	-	-	-	-	-
25.11.1 Characteristics									-	-	-	A	-	-
25.11.2 Nonnuclear									-	-	-	-	-	-
25.11.2.1 Load									-	-	-	-	-	-
25.11.2.2 Unload									-	-	-	-	-	-
25.11.3 Simulators									-	-	-	-	-	-
25.11.3.1 Bomb Rack Simulator									-	-	-	-	-	-
25.11.3.1.1 Remove									-	-	-	-	-	-
25.11.3.1.2 Install									-	-	-	-	-	-
25.11.3.1.3 Perform Functional Check									-	-	-	-	-	-
25.11.3.2 Bomb Interface Simulator (SMU-105)									-	-	-	-	-	-
25.11.3.2.1 Remove									-	-	-	-	-	-
25.11.3.2.2 Install									-	-	-	-	-	-
25.11.3.2.3 Perform Functional Check									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26 AC-130H AIRCRAFT									-	-	-	-	-	-
26.1 Aerospace Ground Equipment TR: TOs 11-1-38, 35C2-3-473-1, 35C2-3-372-1, 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14, 35D3-2-25-1, 35D5-3-8-31, 35F5-11-31, 35F5-5-16-1, 35F5-11-22									-	-	-	-	-	-
26.1.1 Description									-	-	-	B	-	-
26.1.2 MJ-1 Bomb Lift Truck									-	-	-	-	-	-
26.1.2.1 Inspect									-	-	-	-	-	-
26.1.2.2 Operate									-	-	-	-	-	-
26.1.2.3 Drive									-	-	-	-	-	-
26.1.3 MHU-83 Bomb Lift Truck									-	-	-	-	-	-
* 26.1.3.1 Inspect									3b	-	-	-	-	-
* 26.1.3.2 Operate									3b	-	-	-	-	-
* 26.1.3.3 Drive									3b	-	-	-	-	-
26.1.4 A/M32A-60 Generator Set									-	-	-	-	-	-
26.1.4.1 Inspect									-	-	-	-	-	-
26.1.4.2 Operate									-	-	-	-	-	-
26.1.5 MD-3 Generator Set									-	-	-	-	-	-
26.1.5.1 Inspect									-	-	-	-	-	-
26.1.5.2 Operate									-	-	-	-	-	-
26.1.6 A/M32A-85 Generator Set									-	-	-	-	-	-
26.1.6.1 Inspect									-	-	-	-	-	-
26.1.6.2 Operate									-	-	-	-	-	-
26.1.7 A/M32A-86 Generator Set									-	-	-	-	-	-
* 26.1.7.1 Inspect									3b	-	-	-	-	-
* 26.1.7.2 Operate									3b	-	-	-	-	-
26.1.8 MEP-360A (AGPU)									-	-	-	-	-	-
* 26.1.8.1 Inspect									3b/x	-	-	-	-	-
* 26.1.8.2 Operate									3b/x	-	-	-	-	-
26.1.9 TF-1 Floodlight Set									-	-	-	-	-	-
26.1.9.1 Inspect									-	-	-	-	-	-
26.1.9.2 Operate									-	-	-	-	-	-
26.1.10 NF-2 Floodlight Set									-	-	-	-	-	-
26.1.10.1 Inspect									-	-	-	-	-	-
26.1.10.2 Operate									-	-	-	-	-	-
26.1.11 FL-1D Floodlight Set									-	-	-	-	-	-
26.1.11.1 Inspect									-	-	-	-	-	-
26.1.11.2 Operate									-	-	-	-	-	-
26.2 General Aircraft Familiarization TR: 1C-130(A)H-2-1, 1C-130(A)H-2-2, 11A-1-33									-	-	-	-	-	-
26.2.1 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.2.2 Aircraft Safety Devices									-	-	-	-	-	-
26.2.3 Aircraft Danger Areas									-	-	-	-	-	-
26.2.4 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
26.2.5 Apply / Remove Aircraft External Electrical Power									-	-	-	-	-	-
26.3 Gun System TR: TOs: 1C-130(A)A-6, 1C-130(A)H-2-1, 1C-130(A)H-2-2, 1C-130(A)H-2-3, 1C-130(A)H-2-7, 1C-130(A)H-2-13, 1C-130(A)H-2-14, 1C-130(A)H-2-15, 11W1-15-1-102, 11W1-15-15-2, 11W1-29-2, 11W1-33-1-112, 11W1-33-1-122, 11W1-33-7-2, 11W1-33-8-2, 11W1-34-3-1, 11W2-5-2-62, 11W2-5-2-64, 1-1-691, 36C3-5-15-1, LCL									-	-	-	-	-	-
26.3.1 40mm Gun System									-	-	-	-	-	-
26.3.1.1 Nomenclature									-	-	-	-	-	-
26.3.1.2 Theory of Operation									-	-	-	-	-	-
26.3.1.3 Gun									-	-	-	-	-	-
*26.3.1.3.1 Nomenclature									A	-	-	-	-	-
*26.3.1.3.2 Theory of Operation									A	-	-	-	-	-
26.3.1.3.3 Perform Safing / Clearing									-	-	-	-	-	-
26.3.1.3.4 Perform Pre-Flight Inspection									-	-	-	-	-	-
26.3.1.3.5 Perform Post-Flight Inspection									-	-	-	-	-	-
26.3.1.3.6 Remove									-	-	-	-	-	-
*26.3.1.3.7 Disassemble									2b	-	-	-	-	-
26.3.1.3.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
*26.3.1.3.9 Assemble									2b	-	-	-	-	-
26.3.1.3.10 Install									-	-	-	-	-	-
26.3.1.3.11 Perform Functional Check									-	-	-	-	-	-
26.3.1.3.12 Barrel Erosion Inspection									-	-	-	-	-	-
26.3.1.3.13 Barrel									-	-	-	-	-	-
26.3.1.3.13.1 Remove									-	-	-	-	-	-
26.3.1.3.13.2 Install									-	-	-	-	-	-
26.3.1.3.14 Breech Ring									-	-	-	-	-	-
26.3.1.3.14.1 Remove									-	-	-	-	-	-
26.3.1.3.14.2 Install									-	-	-	-	-	-
26.3.1.3.15 Shroud									-	-	-	-	-	-
26.3.1.3.15.1 Remove									-	-	-	-	-	-
26.3.1.3.15.2 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
26.3.1.3.16 Loader									-	-	-	-	-	-
26.3.1.3.16.1 Nomenclature									-	-	-	-	-	-
26.3.1.3.16.2 Theory of Operation									-	-	-	-	-	-
26.3.1.3.16.3 Remove									-	-	-	-	-	-
26.3.1.3.16.4 Disassemble									-	-	-	-	-	-
26.3.1.3.16.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.3.16.6 Assemble									-	-	-	-	-	-
26.3.1.3.16.7 Install									-	-	-	-	-	-
26.3.1.3.17 Recoil Cylinder									-	-	-	-	-	-
26.3.1.3.17.1 Nomenclature									-	-	-	-	-	-
26.3.1.3.17.2 Theory of Operation									-	-	-	-	-	-
26.3.1.3.17.3 Remove									-	-	-	-	-	-
26.3.1.3.17.4 Disassemble									-	-	-	-	-	-
26.3.1.3.17.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.3.17.6 Assemble									-	-	-	-	-	-
26.3.1.3.17.7 Install									-	-	-	-	-	-
26.3.1.3.18 Firing Solenoid Assembly									-	-	-	-	-	-
26.3.1.3.18.1 Remove									-	-	-	-	-	-
26.3.1.3.18.2 Install									-	-	-	-	-	-
26.3.1.3.19 Elevation Synchronizer									-	-	-	-	-	-
26.3.1.3.19.1 Remove									-	-	-	-	-	-
26.3.1.3.19.2 Install									-	-	-	-	-	-
26.3.1.3.20 Elevation Resolver									-	-	-	-	-	-
26.3.1.3.20.1 Remove									-	-	-	-	-	-
26.3.1.3.20.2 Install									-	-	-	-	-	-
26.3.1.3.21 Azimuth Synchronizer									-	-	-	-	-	-
26.3.1.3.21.1 Remove									-	-	-	-	-	-
26.3.1.3.21.2 Install									-	-	-	-	-	-
26.3.1.3.22 Azimuth Resolver									-	-	-	-	-	-
26.3.1.3.22.1 Remove									-	-	-	-	-	-
26.3.1.3.22.2 Install									-	-	-	-	-	-
26.3.1.4 Trainable Gun Mount									-	-	-	-	-	-
26.3.1.4.1 Nomenclature									-	-	-	-	-	-
26.3.1.4.2 Theory of Operation									-	-	-	-	-	-
26.3.1.4.3 Remove									-	-	-	-	-	-
26.3.1.4.4 Disassemble									-	-	-	-	-	-
26.3.1.4.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.4.6 Assemble									-	-	-	-	-	-
26.3.1.4.7 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.3.1.4.8 Perform Functional Check									-	-	-	-	-	-
26.3.1.5 Pallet Assembly									-	-	-	-	-	-
26.3.1.5.1 Remove									-	-	-	-	-	-
26.3.1.5.2 Install									-	-	-	-	-	-
26.3.1.6 Hydraulic Manifold Assembly									-	-	-	-	-	-
26.3.1.6.1 Nomenclature									-	-	-	-	-	-
26.3.1.6.2 Theory of Operation									-	-	-	-	-	-
26.3.1.6.3 Remove									-	-	-	-	-	-
26.3.1.6.4 Disassemble									-	-	-	-	-	-
26.3.1.6.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.6.6 Assemble									-	-	-	-	-	-
26.3.1.6.7 Install									-	-	-	-	-	-
26.3.1.7 Shutoff Valve Assembly									-	-	-	-	-	-
26.3.1.7.1 Remove									-	-	-	-	-	-
26.3.1.7.2 Install									-	-	-	-	-	-
26.3.1.8 Elevation Actuator									-	-	-	-	-	-
26.3.1.8.1 Remove									-	-	-	-	-	-
26.3.1.8.2 Install									-	-	-	-	-	-
26.3.1.9 Azimuth Actuator									-	-	-	-	-	-
26.3.1.9.1 Remove									-	-	-	-	-	-
26.3.1.9.2 Install									-	-	-	-	-	-
26.3.1.10 Aft Ammunition Rack									-	-	-	-	-	-
26.3.1.10.1 Nomenclature									-	-	-	-	-	-
26.3.1.10.2 Theory of Operation									-	-	-	-	-	-
26.3.1.10.3 Remove									-	-	-	-	-	-
26.3.1.10.4 Disassemble									-	-	-	-	-	-
26.3.1.10.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.10.6 Assemble									-	-	-	-	-	-
26.3.1.10.7 Install									-	-	-	-	-	-
26.3.1.11 Forward Ammunition Rack									-	-	-	-	-	-
26.3.1.11.1 Nomenclature									-	-	-	-	-	-
26.3.1.11.2 Theory of Operation									-	-	-	-	-	-
26.3.1.11.3 Remove									-	-	-	-	-	-
26.3.1.11.4 Disassemble									-	-	-	-	-	-
26.3.1.11.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.1.11.6 Assemble									-	-	-	-	-	-
26.3.1.11.7 Install									-	-	-	-	-	-
26.3.1.12 Interface Plate									-	-	-	-	-	-
26.3.1.12.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.3.1.12.2 Install									-	-	-	-	-	-
26.3.2 105mm Gun System									-	-	-	-	-	-
26.3.2.1 Theory of Operation									-	-	-	-	-	-
26.3.2.2 Gun									-	-	-	-	-	-
26.3.2.2.1 Nomenclature									-	-	-	-	-	-
26.3.2.2.2 Theory of Operation									-	-	-	-	-	-
26.3.2.2.3 Perform Safing / Clearing									-	-	-	-	-	-
26.3.2.2.4 Perform Pre-Flight Inspection									-	-	-	-	-	-
26.3.2.2.5 Perform Post-Flight Inspection									-	-	-	-	-	-
26.3.2.2.6 Remove									-	-	-	-	-	-
26.3.2.2.7 Disassemble									-	-	-	-	-	-
26.3.2.2.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.2.2.9 Assemble									-	-	-	-	-	-
26.3.2.2.10 Install									-	-	-	-	-	-
26.3.2.2.11 Perform Borescope Inspection									-	-	-	-	-	-
26.3.2.2.12 Perform Gun Functional Check									-	-	-	-	-	-
26.3.2.3 Hand Pump Assembly									-	-	-	-	-	-
26.3.2.3.1 Nomenclature									-	-	-	-	-	-
26.3.2.3.2 Theory of Operation									-	-	-	-	-	-
26.3.2.3.3 Remove									-	-	-	-	-	-
26.3.2.3.4 Disassemble									-	-	-	-	-	-
26.3.2.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.2.3.6 Assemble									-	-	-	-	-	-
26.3.2.3.7 Install									-	-	-	-	-	-
26.3.2.4 Recoil Mechanism Assembly									-	-	-	-	-	-
26.3.2.4.1 Remove									-	-	-	-	-	-
26.3.2.4.2 Install									-	-	-	-	-	-
26.3.2.4.3 Barrel Assembly									-	-	-	-	-	-
26.3.2.4.3.1 Remove									-	-	-	-	-	-
26.3.2.4.3.2 Install									-	-	-	-	-	-
26.3.2.4.4 Breech Ring									-	-	-	-	-	-
26.3.2.4.4.1 Remove									-	-	-	-	-	-
26.3.2.4.4.2 Install									-	-	-	-	-	-
26.3.2.4.5 Service Nitrogen									-	-	-	-	-	-
26.3.2.4.6 Service Hydraulics									-	-	-	-	-	-
26.3.2.5 Azimuth Servoactuator									-	-	-	-	-	-
26.3.2.5.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.3.2.5.2 Install									-	-	-	-	-	-
26.3.2.6 Elevation Actuator									-	-	-	-	-	-
26.3.2.6.1 Remove									-	-	-	-	-	-
26.3.2.6.2 Install									-	-	-	-	-	-
26.3.2.7 Firing Solenoid									-	-	-	-	-	-
26.3.2.7.1 Remove									-	-	-	-	-	-
26.3.2.7.2 Install									-	-	-	-	-	-
26.3.2.8 Out-of-Battery Pump									-	-	-	-	-	-
26.3.2.8.1 Remove									-	-	-	-	-	-
26.3.2.8.2 Install									-	-	-	-	-	-
26.3.2.9 Tube Retractor									-	-	-	-	-	-
26.3.2.9.1 Remove									-	-	-	-	-	-
26.3.2.9.2 Install									-	-	-	-	-	-
26.3.2.10 Trainable Gun Mount									-	-	-	-	-	-
26.3.2.10.1 Nomenclature									-	-	-	-	-	-
26.3.2.10.2 Theory of Operation									-	-	-	-	-	-
26.3.2.10.3 Remove									-	-	-	-	-	-
26.3.2.10.4 Disassemble									-	-	-	-	-	-
26.3.2.10.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.2.10.6 Assemble									-	-	-	-	-	-
26.3.2.10.7 Install									-	-	-	-	-	-
26.3.2.10.8 Perform Trainable Gun Mount Functional Check									-	-	-	-	-	-
26.3.2.11 Adapter Pallet (Skid Plate)									-	-	-	-	-	-
26.3.2.11.1 Remove									-	-	-	-	-	-
26.3.2.11.2 Install									-	-	-	-	-	-
26.3.2.12 Elevation Resolver									-	-	-	-	-	-
26.3.2.12.1 Remove									-	-	-	-	-	-
26.3.2.12.2 Install									-	-	-	-	-	-
26.3.2.13 Elevation Synchronizer									-	-	-	-	-	-
26.3.2.13.1 Remove									-	-	-	-	-	-
26.3.2.13.2 Install									-	-	-	-	-	-
26.3.2.14 Azimuth Resolver									-	-	-	-	-	-
26.3.2.14.1 Remove									-	-	-	-	-	-
26.3.2.14.2 Install									-	-	-	-	-	-
26.3.2.15 Azimuth Synchronizer									-	-	-	-	-	-
26.3.2.15.1 Remove									-	-	-	-	-	-
26.3.2.15.2 Install									-	-	-	-	-	-
26.3.2.16 Hydraulic Manifold Assembly									-	-	-	-	-	-
26.3.2.16.1 Remove									-	-	-	-	-	-
26.3.2.16.2 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.3.2.16.3 Repair									-	-	-	-	-	-
26.3.2.16.4 Install									-	-	-	-	-	-
26.3.2.17 Shutoff Valve Assembly									-	-	-	-	-	-
26.3.2.17.1 Remove									-	-	-	-	-	-
26.3.2.17.2 Install									-	-	-	-	-	-
26.3.2.18 Directional Control Valve Assembly									-	-	-	-	-	-
26.3.2.18.1 Remove									-	-	-	-	-	-
26.3.2.18.2 Install									-	-	-	-	-	-
26.3.2.19 Ammunition Rack									-	-	-	-	-	-
26.3.2.19.1 Nomenclature									-	-	-	-	-	-
26.3.2.19.2 Theory of Operation									-	-	-	-	-	-
26.3.2.19.3 Remove									-	-	-	-	-	-
26.3.2.19.4 Disassemble									-	-	-	-	-	-
26.3.2.19.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
26.3.2.19.6 Assemble									-	-	-	-	-	-
26.3.2.19.7 Install									-	-	-	-	-	-
26.4 Stores Suspension Equipment TR: 11B29-3-8-3, 11B29-3-8-4, 11B29-3-25-2, 33D5-53-1-111, 33D5-53-13-1, 33A1-12-1300-1, 33A1-12-1198-1									-	-	-	-	-	-
* 26.4.1 Description									A	-	-	-	-	-
* 26.4.2 Theory of Operation									A	-	-	-	-	-
* 26.4.3 Function of Parts									A	-	-	-	-	-
26.4.4 MAU-12 Bomb Rack									-	-	-	-	-	-
26.4.4.1 Remove									-	-	-	-	-	-
* 26.4.4.2 Disassemble									2b	-	-	-	-	-
26.4.4.3 Clean									-	-	-	-	-	-
* 26.4.4.4 Inspect									2b	-	-	-	-	-
26.4.4.5 Repair									-	-	-	-	-	-
* 26.4.4.6 Assemble									2b	-	-	-	-	-
26.4.4.7 Install									-	-	-	-	-	-
* 26.4.4.8 Perform Bench Check with MAU-12/40/50 Test Set									2b	-	-	-	-	-
* 26.4.4.9 Perform Weight Check with Proof Load Tester									2b	-	-	-	-	-
26.4.5 TER									-	-	-	-	-	-
26.4.5.1 Remove									-	-	-	-	-	-
26.4.5.2 Disassemble									-	-	-	-	-	-
26.4.5.3 Clean									-	-	-	-	-	-
26.4.5.4 Inspect									-	-	-	-	-	-
26.4.5.5 Repair									-	-	-	-	-	-
26.4.5.6 Assemble									-	-	-	-	-	-
26.4.5.7 Install									-	-	-	-	-	-
26.4.5.8 Perform Bench Check									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.4.5.9 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
26.4.6 MA-4 Bomb Rack									-	-	-	-	-	-
26.4.6.1 Remove									-	-	-	-	-	-
26.4.6.2 Disassemble									-	-	-	-	-	-
26.4.6.3 Clean									-	-	-	-	-	-
26.4.6.4 Inspect									-	-	-	-	-	-
26.4.6.5 Repair									-	-	-	-	-	-
26.4.6.6 Assemble									-	-	-	-	-	-
26.4.6.7 Install									-	-	-	-	-	-
26.4.6.8 Perform Bench Check									-	-	-	-	-	-
26.4.6.9 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
26.4.7 LAU-105 Missile Launcher									-	-	-	-	-	-
26.4.7.1 Remove									-	-	-	-	-	-
26.4.7.2 Disassemble									-	-	-	-	-	-
26.4.7.3 Clean									-	-	-	-	-	-
26.4.7.4 Inspect									-	-	-	-	-	-
26.4.7.5 Repair									-	-	-	-	-	-
26.4.7.6 Assemble									-	-	-	-	-	-
26.4.7.7 Install									-	-	-	-	-	-
26.4.7.8 Perform Bench Check									-	-	-	-	-	-
26.4.7.9 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
26.4.8 LAU-105 Missile Launcher Adapter									-	-	-	-	-	-
26.4.8.1 Remove									-	-	-	-	-	-
26.4.8.2 Install									-	-	-	-	-	-
26.5 Armament System Components									-	-	-	-	-	-
26.5.1 Starrett Gauges									-	-	-	-	-	-
26.5.1.1 Remove									-	-	-	-	-	-
26.5.1.2 Inspect									-	-	-	-	-	-
26.5.1.3 Install									-	-	-	-	-	-
26.5.1.4 Adjust									-	-	-	-	-	-
26.5.2 Loaders Weapons Control Panel									-	-	-	-	-	-
26.5.2.1 Remove									-	-	-	-	-	-
26.5.2.2 Install									-	-	-	-	-	-
26.5.3 Gun Control Unit									-	-	-	-	-	-
26.5.3.1 Remove									-	-	-	-	-	-
26.5.3.2 Install									-	-	-	-	-	-
26.5.4 Fire Control Override Switch									-	-	-	-	-	-
26.5.4.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.5.4.2 Install									-	-	-	-	-	-
26.5.5 Master Arm switch									-	-	-	-	-	-
26.5.5.1 Remove									-	-	-	-	-	-
26.5.5.2 Install									-	-	-	-	-	-
26.5.6 Pilot's Fire Control Switch									-	-	-	-	-	-
26.5.6.1 Remove									-	-	-	-	-	-
26.5.6.2 Install									-	-	-	-	-	-
26.6 Test Equipment TR: 11W1-15-13-2-1, 11W1-15-14-4, 33-1-19, 36-1-58, 33A1-12-1198-1, 33A1-12-1300-1, 33D5-53-1-111, 33D5-53-13-1									-	-	-	-	-	-
26.6.1 Description									-	-	-	-	-	-
26.6.2 Familiarization									-	-	-	-	-	-
26.6.2.1 Stray Voltage Tester									-	-	-	-	-	-
26.6.2.2 Nitrogen Servicing Gauge									-	-	-	-	-	-
26.6.2.3 MAU-12/40/50 Tester									-	-	-	-	-	-
26.6.2.4 Optical Borescope									-	-	-	-	-	-
26.6.2.5 Digital Meter									-	-	-	-	-	-
26.6.2.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
26.6.3 Inspect									-	-	-	-	-	-
26.6.3.1 Stray Voltage Tester									-	-	-	-	-	-
26.6.3.2 Nitrogen Servicing Gauge									-	-	-	-	-	-
26.6.3.3 MAU-12/40/50 Tester									-	-	-	-	-	-
26.6.3.4 Optical Borescope									-	-	-	-	-	-
26.6.3.5 Digital Meter									-	-	-	-	-	-
26.6.3.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
26.6.4 Operate									-	-	-	-	-	-
26.6.4.1 Stray Voltage Tester									-	-	-	-	-	-
26.6.4.2 Nitrogen Servicing Gauge									-	-	-	-	-	-
26.6.4.3 MAU-12/40/50 Tester									-	-	-	-	-	-
26.6.4.4 Optical Borescope									-	-	-	-	-	-
26.6.4.5 Digital Meter									-	-	-	-	-	-
26.6.4.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
26.7 Fault Isolation TR: 1C-130(A)-H-2-7, 1C-130(A)-H-2-13, 1C-130(A)-H-2-14, 1-1A-14									-	-	-	-	-	-
26.7.1 Use Fault Isolation Technical Orders									-	-	-	-	-	-
26.7.2 Utilize Block / Schematic Diagrams									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
26.7.3 Troubleshoot Circuits									-	-	-	-	-	-
26.8 Special Tools									-	-	-	-	-	-
26.8.1 Inspect									-	-	-	-	-	-
26.8.1.1 Transfer Rail System									-	-	-	-	-	-
26.8.1.2 Fork Adapter / Tines									-	-	-	-	-	-
26.8.1.3 Crane Adapter									-	-	-	-	-	-
26.8.1.4 Maintenance Stands									-	-	-	-	-	-
26.8.2 Operate									-	-	-	-	-	-
26.8.2.1 Transfer Rail System									-	-	-	-	-	-
26.8.2.2 Fork Adapter / Tines									-	-	-	-	-	-
26.8.2.3 Crane Adapter									-	-	-	-	-	-
26.8.2.4 Maintenance Stands									-	-	-	-	-	-
26.9 Perform Phase Inspection									-	-	-	-	-	-
26.10 Inspect / Operate 7.5 Ton Overhead Rail Crane									-	-	-	-	-	-
26.11 Inspect / Use Cleaning Vat									-	-	-	-	-	-
26.12 Airmunitions (See Matrix) TR: 1-1M-33, 1C-130E-33-1-2									-	-	-	-	-	-
26.12.1 Characteristics									-	-	-	A	-	-
26.12.2 Chaff / Flare									-	-	-	-	-	-
26.12.2.1 Inspect									-	-	-	-	-	-
26.12.2.2 Load									-	-	-	-	-	-
26.12.2.3 Unload									-	-	-	-	-	-
26.12.3 Perform Hot Gun Response Procedures									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC	
27 AC-130U AIRCRAFT										-	-	-	-	-	-
27.1 Aerospace Ground Equipment TR: TOs 11-1-38, 35C2-3-473-1, 35C2-3-372-1, 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14, 35D3-2-25-1, 35D5-3-8-31, 35F5-11-31, 35F5-5-16-1, 35F5-11-22										-	-	-	-	-	-
27.1.1 Description										-	-	-	-	-	-
27.1.2 MJ-1 Bomb Lift Truck										-	-	-	-	-	-
27.1.2.1 Inspect										-	-	-	-	-	-
27.1.2.2 Operate										-	-	-	-	-	-
27.1.2.3 Drive										-	-	-	-	-	-
27.1.3 MHU-83 Bomb Lift Truck										-	-	-	-	-	-
27.1.3.1 Inspect										-	-	-	-	-	-
27.1.3.2 Operate										-	-	-	-	-	-
27.1.3.3 Drive										-	-	-	-	-	-
27.1.4 A/M32A-60 Generator Set										-	-	-	-	-	-
27.1.4.1 Inspect										-	-	-	-	-	-
27.1.4.2 Operate										-	-	-	-	-	-
27.1.5 MD-3 Generator Set										-	-	-	-	-	-
27.1.5.1 Inspect										-	-	-	-	-	-
27.1.5.2 Operate										-	-	-	-	-	-
27.1.6 A/M32A-85 Generator Set										-	-	-	-	-	-
27.1.6.1 Inspect										-	-	-	-	-	-
27.1.6.2 Operate										-	-	-	-	-	-
27.1.7 A/M32A-86 Generator Set										-	-	-	-	-	-
27.1.7.1 Inspect										-	-	-	-	-	-
27.1.7.2 Operate										-	-	-	-	-	-
27.1.8 MEP-360A (AGPU)										-	-	-	-	-	-
27.1.8.1 Inspect										-	-	-	-	-	-
27.1.8.2 Operate										-	-	-	-	-	-
27.1.9 TF-1 Floodlight Set										-	-	-	-	-	-
27.1.9.1 Inspect										-	-	-	-	-	-
27.1.9.2 Operate										-	-	-	-	-	-
27.1.10 NF-2 Floodlight Set										-	-	-	-	-	-
27.1.10.1 Inspect										-	-	-	-	-	-
27.1.10.2 Operate										-	-	-	-	-	-
27.2 General Aircraft Familiarization TR: 1C-130(A)U-1-3, 1C-130(A)U-2-1, 1C-130(A)U-2-2, 1C-130(A)U-2-15, 1C-130(A)U-4-2										-	-	-	-	-	-
27.2.1 Aircraft Switches, Controls, and Indicators										-	-	-	-	-	-
27.2.2 Aircraft Safety Devices										-	-	-	-	-	-
27.2.3 Aircraft Danger Areas										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.2.4 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
27.2.5 Apply/Remove Aircraft External Electrical Power									-	-	-	-	-	-
27.3 Gun System TR: TOs: 1C-130(A)U-2-3, 1C-130(A)U-2-6, 1C-130(A)U-2-7, 1C-130(A)U-2-10-, 1C-130(A)U-2-13, 1C-130(A)U-2-15, 1C-130(A)U-94FI-50-1, 1C-130(A)U-94GS-50-1, 1C-130(A)U-94SD-50-1, 1C-130(A)U-94WD-50-1, 8C3-14-35-2, 11A1-33, 11W1-12-12-2, 11W1-12-13-2, 11W1-15-13-2-1, 11W1-15-13-2-1, 11W1-15-13-4, 11W1-15-14-2, 11W1-15-14-4, 11W1-15-15-2, 11W1-15-15-3, 11W1-15-15-4, 11W1-15-16-2, 11W1-15-16-3, 11W1-15-16-4, 11W1-25-1, 11W1-33-6-2, 11W2-5-2-62, 11W2-5-2-64, 33D5-53-13-1, 35D-30-4-17-1, 36C3-5-15-1, TM9-4933-200-35, LCL									-	-	-	-	-	-
27.3.1 25mm Gun System									-	-	-	-	-	-
27.3.1.1 Theory of Operation									-	-	-	-	-	-
27.3.1.1.1 Nomenclature									-	-	-	-	-	-
27.3.1.1.2 Theory of Operation									-	-	-	-	-	-
27.3.1.1.3 Perform Safing / Clearing									-	-	-	-	-	-
27.3.1.1.4 Perform Pre-Flight Inspection									-	-	-	-	-	-
27.3.1.1.5 Perform Post-Flight Inspection									-	-	-	-	-	-
27.3.1.1.6 Remove									-	-	-	-	-	-
27.3.1.1.7 Disassemble									-	-	-	-	-	-
27.3.1.1.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.1.1.9 Assemble									-	-	-	-	-	-
27.3.1.1.10 Install									-	-	-	-	-	-
27.3.1.1.11 Performance Check In-Shop									-	-	-	-	-	-
27.3.1.1.12 Perform Barrel Erosion Inspection									-	-	-	-	-	-
27.3.1.2 Gun									-	-	-	-	-	-
27.3.1.2.1 Nomenclature									-	-	-	-	-	-
27.3.1.2.2 Theory of Operation									-	-	-	-	-	-
27.3.1.2.3 Perform Safing / Clearing									-	-	-	-	-	-
27.3.1.2.4 Perform Pre-Flight 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.1.2.5 Perform Post-Flight Inspection									-	-	-	-	-	-
27.3.1.2.6 Remove									-	-	-	-	-	-
27.3.1.2.7 Disassemble									-	-	-	-	-	-
27.3.1.2.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.1.2.9 Assemble									-	-	-	-	-	-
27.3.1.2.10 Install									-	-	-	-	-	-
27.3.1.2.11 Firing Solenoid									-	-	-	-	-	-
27.3.1.2.11.1 Remove									-	-	-	-	-	-
27.3.1.2.11.2 Install									-	-	-	-	-	-
27.3.1.2.12 Barrel Erosion Inspection									-	-	-	-	-	-
27.3.1.2.13 Performance Check In-Shop									-	-	-	-	-	-
27.3.2 Ammunition Storage and Handling System									-	-	-	-	-	-
27.3.2.1 Nomenclature									-	-	-	-	-	-
27.3.2.2 Theory of Operation									-	-	-	-	-	-
27.3.2.3 Loader / Gun Interface Assembly									-	-	-	-	-	-
27.3.2.3.1 Nomenclature									-	-	-	-	-	-
27.3.2.3.2 Theory of Operation									-	-	-	-	-	-
27.3.2.3.3 Remove									-	-	-	-	-	-
27.3.2.3.4 Disassemble									-	-	-	-	-	-
27.3.2.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.3.6 Assemble									-	-	-	-	-	-
27.3.2.3.7 Install									-	-	-	-	-	-
27.3.2.4 Loader / Cradle Assembly									-	-	-	-	-	-
27.3.2.4.1 Nomenclature									-	-	-	-	-	-
27.3.2.4.2 Theory of Operation									-	-	-	-	-	-
27.3.2.4.3 Remove									-	-	-	-	-	-
27.3.2.4.4 Disassemble									-	-	-	-	-	-
27.3.2.4.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.4.6 Assemble									-	-	-	-	-	-
27.3.2.4.7 Install									-	-	-	-	-	-
27.3.2.5 Fixed Chute Assembly									-	-	-	-	-	-
27.3.2.5.1 Nomenclature									-	-	-	-	-	-
27.3.2.5.2 Theory of Operation									-	-	-	-	-	-
27.3.2.5.3 Remove									-	-	-	-	-	-
27.3.2.5.4 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.2.5.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.5.6 Assemble									-	-	-	-	-	-
27.3.2.5.7 Install									-	-	-	-	-	-
27.3.2.6 Loader / Can Interface Unit Assembly									-	-	-	-	-	-
27.3.2.6.1 Nomenclature									-	-	-	-	-	-
27.3.2.6.2 Theory of Operation									-	-	-	-	-	-
27.3.2.6.3 Remove									-	-	-	-	-	-
27.3.2.6.4 Disassemble									-	-	-	-	-	-
27.3.2.6.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.6.6 Assemble									-	-	-	-	-	-
27.3.2.6.7 Install									-	-	-	-	-	-
27.3.2.7 Conveyor Assembly									-	-	-	-	-	-
27.3.2.7.1 Nomenclature									-	-	-	-	-	-
27.3.2.7.2 Theory of Operation									-	-	-	-	-	-
27.3.2.7.3 Remove									-	-	-	-	-	-
27.3.2.7.4 Disassemble									-	-	-	-	-	-
27.3.2.7.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.7.6 Assemble									-	-	-	-	-	-
27.3.2.7.7 Install									-	-	-	-	-	-
27.3.2.7.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.2.8 Magazine									-	-	-	-	-	-
27.3.2.8.1 Nomenclature									-	-	-	-	-	-
27.3.2.8.2 Theory of Operation									-	-	-	-	-	-
27.3.2.8.3 Remove									-	-	-	-	-	-
27.3.2.8.4 Disassemble									-	-	-	-	-	-
27.3.2.8.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.8.6 Assemble									-	-	-	-	-	-
27.3.2.8.7 Install									-	-	-	-	-	-
27.3.2.8.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.2.9 Magazine Transfer Unit (MTU)									-	-	-	-	-	-
27.3.2.9.1 Nomenclature									-	-	-	-	-	-
27.3.2.9.2 Theory of Operation									-	-	-	-	-	-
27.3.2.9.3 Remove									-	-	-	-	-	-
27.3.2.9.4 Disassemble									-	-	-	-	-	-
27.3.2.9.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.9.6 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.2.9.7 Install									-	-	-	-	-	-
27.3.2.9.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.2.10 Ammunition Loader / Downloader									-	-	-	-	-	-
27.3.2.10.1 Nomenclature									-	-	-	-	-	-
27.3.2.10.2 Theory of Operation									-	-	-	-	-	-
27.3.2.10.3 Remove									-	-	-	-	-	-
27.3.2.10.4 Disassemble									-	-	-	-	-	-
27.3.2.10.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.10.6 Assemble									-	-	-	-	-	-
27.3.2.10.7 Install									-	-	-	-	-	-
27.3.2.10.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.2.11 Equilibrator									-	-	-	-	-	-
27.3.2.11.1 Nomenclature									-	-	-	-	-	-
27.3.2.11.2 Theory of Operation									-	-	-	-	-	-
27.3.2.11.3 Remove									-	-	-	-	-	-
27.3.2.11.4 Disassemble									-	-	-	-	-	-
27.3.2.11.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.11.6 Assemble									-	-	-	-	-	-
27.3.2.11.7 Install									-	-	-	-	-	-
27.3.2.11.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.2.12 Flexible Drive Shaft									-	-	-	-	-	-
27.3.2.12.1 Remove									-	-	-	-	-	-
27.3.2.12.2 Install									-	-	-	-	-	-
27.3.2.13 Gun Drive Gear Box									-	-	-	-	-	-
27.3.2.13.1 Nomenclature									-	-	-	-	-	-
27.3.2.13.2 Theory of Operation									-	-	-	-	-	-
27.3.2.13.3 Remove									-	-	-	-	-	-
27.3.2.13.4 Disassemble									-	-	-	-	-	-
27.3.2.13.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.2.13.6 Assemble									-	-	-	-	-	-
27.3.2.13.7 Install									-	-	-	-	-	-
27.3.2.13.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.3 Gun Transfer Unit (GTU)									-	-	-	-	-	-
27.3.3.1 Nomenclature									-	-	-	-	-	-
27.3.3.2 Theory of Operation									-	-	-	-	-	-
27.3.3.3 Remove									-	-	-	-	-	-
27.3.3.4 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.3.6 Assemble									-	-	-	-	-	-
27.3.3.7 Install									-	-	-	-	-	-
27.3.3.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.4 Magazine Hydraulic Drive Unit									-	-	-	-	-	-
27.3.4.1 Nomenclature									-	-	-	-	-	-
27.3.4.2 Theory of Operation									-	-	-	-	-	-
27.3.4.3 Remove									-	-	-	-	-	-
27.3.4.4 Disassemble									-	-	-	-	-	-
27.3.4.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.4.6 Assemble									-	-	-	-	-	-
27.3.4.7 Install									-	-	-	-	-	-
27.3.4.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.5 Trainable Gun Mount									-	-	-	-	-	-
27.3.5.1 Nomenclature									-	-	-	-	-	-
27.3.5.2 Theory of Operation									-	-	-	-	-	-
27.3.5.3 Remove									-	-	-	-	-	-
27.3.5.4 Disassemble									-	-	-	-	-	-
27.3.5.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.5.6 Assemble									-	-	-	-	-	-
27.3.5.7 Install									-	-	-	-	-	-
27.3.5.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.6 Manual Hydraulic Drive Assembly									-	-	-	-	-	-
27.3.6.1 Nomenclature									-	-	-	-	-	-
27.3.6.2 Theory of Operation									-	-	-	-	-	-
27.3.6.3 Remove									-	-	-	-	-	-
27.3.6.4 Disassemble									-	-	-	-	-	-
27.3.6.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.6.6 Assemble									-	-	-	-	-	-
27.3.6.7 Install									-	-	-	-	-	-
27.3.6.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.7 Interface Plate									-	-	-	-	-	-
27.3.7.1 Remove									-	-	-	-	-	-
27.3.7.2 Install									-	-	-	-	-	-
27.3.8 Azimuth Servoactuator									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.8.1 Remove									-	-	-	-	-	-
27.3.8.2 Install									-	-	-	-	-	-
27.3.9 Elevation Servoactuator									-	-	-	-	-	-
27.3.9.1 Remove									-	-	-	-	-	-
27.3.9.2 Install									-	-	-	-	-	-
27.3.10 Remove Gun System									-	-	-	-	-	-
27.3.11 Install Gun System									-	-	-	-	-	-
27.3.12 Perform Operation Readiness Inspection									-	-	-	-	-	-
27.3.13 Perform Ammunition Storage and Handling System Functional Check									-	-	-	-	-	-
27.3.14 Perform Trainable Gun Mount Functional Check									-	-	-	-	-	-
27.3.15 Perform Boresight									-	-	-	-	-	-
27.3.16 Perform Loading Operations with Ammunition Loading Assembly									-	-	-	-	-	-
27.3.17 Perform Manual Loading Operations									-	-	-	-	-	-
27.3.18 Ammunition Loading System									-	-	-	-	-	-
27.3.18.1 Loader / Gun Interface Assembly									-	-	-	-	-	-
27.3.18.1.1 Nomenclature									-	-	-	-	-	-
27.3.18.1.2 Theory of Operation									-	-	-	-	-	-
27.3.18.1.3 Remove									-	-	-	-	-	-
27.3.18.1.4 Disassemble									-	-	-	-	-	-
27.3.18.1.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.18.1.6 Assemble									-	-	-	-	-	-
27.3.18.1.7 Install									-	-	-	-	-	-
27.3.18.1.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.18.2 Loader Cradle Assembly									-	-	-	-	-	-
27.3.18.2.1 Nomenclature									-	-	-	-	-	-
27.3.18.2.2 Theory of Operation									-	-	-	-	-	-
27.3.18.2.3 Remove									-	-	-	-	-	-
27.3.18.2.4 Disassemble									-	-	-	-	-	-
27.3.18.2.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.18.2.6 Assemble									-	-	-	-	-	-
27.3.18.2.7 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.18.2.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.18.3 Fixed Chute Assembly									-	-	-	-	-	-
27.3.18.3.1 Nomenclature									-	-	-	-	-	-
27.3.18.3.2 Theory of Operation									-	-	-	-	-	-
27.3.18.3.3 Remove									-	-	-	-	-	-
27.3.18.3.4 Disassemble									-	-	-	-	-	-
27.3.18.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.18.3.6 Assemble									-	-	-	-	-	-
27.3.18.3.7 Install									-	-	-	-	-	-
27.3.18.3.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.18.4 Loader / Can Interface Unit Assembly									-	-	-	-	-	-
27.3.18.4.1 Nomenclature									-	-	-	-	-	-
27.3.18.4.2 Theory of Operation									-	-	-	-	-	-
27.3.18.4.3 Remove									-	-	-	-	-	-
27.3.18.4.4 Disassemble									-	-	-	-	-	-
27.3.18.4.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.18.4.6 Assemble									-	-	-	-	-	-
27.3.18.4.7 Install									-	-	-	-	-	-
27.3.18.4.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.18.5 Equibulator Jack Assembly									-	-	-	-	-	-
27.3.18.5.1 Nomenclature									-	-	-	-	-	-
27.3.18.5.2 Theory of Operation									-	-	-	-	-	-
27.3.18.5.3 Remove									-	-	-	-	-	-
27.3.18.5.4 Disassemble									-	-	-	-	-	-
27.3.18.5.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.18.5.6 Assemble									-	-	-	-	-	-
27.3.18.5.7 Install									-	-	-	-	-	-
27.3.18.5.8 Performance Check In-Shop									-	-	-	-	-	-
27.3.18.6 25mm Dust Boot									-	-	-	-	-	-
27.3.18.6.1 Remove									-	-	-	-	-	-
27.3.18.6.2 Inspect									-	-	-	-	-	-
27.3.18.6.3 Install									-	-	-	-	-	-
27.3.19 40mm Gun System									-	-	-	-	-	-
27.3.19.1 Theory of Operation									-	-	-	-	-	-
27.3.19.2 Gun									-	-	-	-	-	-
27.3.19.2.1 Nomenclature									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.19.2.2 Theory of Operation									-	-	-	-	-	-
27.3.19.2.3 Perform Safing / Clearing									-	-	-	-	-	-
27.3.19.2.4 Perform Pre-Flight Inspection									-	-	-	-	-	-
27.3.19.2.5 Perform Post-Flight Inspection									-	-	-	-	-	-
27.3.19.2.6 Remove									-	-	-	-	-	-
27.3.19.2.7 Disassemble									-	-	-	-	-	-
27.3.19.2.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.2.9 Assemble									-	-	-	-	-	-
27.3.19.2.10 Install									-	-	-	-	-	-
27.3.19.2.11 Perform Functional Check									-	-	-	-	-	-
27.3.19.2.12 Barrel Erosion Inspection									-	-	-	-	-	-
27.3.19.2.13 Barrel									-	-	-	-	-	-
27.3.19.2.13.1 Remove									-	-	-	-	-	-
27.3.19.2.13.2 Install									-	-	-	-	-	-
27.3.19.2.14 Breech Ring									-	-	-	-	-	-
27.3.19.2.14.1 Remove									-	-	-	-	-	-
27.3.19.2.14.2 Install									-	-	-	-	-	-
27.3.19.2.15 Shroud									-	-	-	-	-	-
27.3.19.2.15.1 Remove									-	-	-	-	-	-
27.3.19.2.15.2 Install									-	-	-	-	-	-
27.3.19.2.16 Loader									-	-	-	-	-	-
27.3.19.2.16.1 Nomenclature									-	-	-	-	-	-
27.3.19.2.16.2 Theory of Operation									-	-	-	-	-	-
27.3.19.2.16.3 Remove									-	-	-	-	-	-
27.3.19.2.16.4 Disassemble									-	-	-	-	-	-
27.3.19.2.16.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.2.16.6 Assemble									-	-	-	-	-	-
27.3.19.2.16.7 Install									-	-	-	-	-	-
27.3.19.2.17 Recoil Cylinder									-	-	-	-	-	-
27.3.19.2.17.1 Nomenclature									-	-	-	-	-	-
27.3.19.2.17.2 Theory of Operation									-	-	-	-	-	-
27.3.19.2.17.3 Remove									-	-	-	-	-	-
27.3.19.2.17.4 Disassemble									-	-	-	-	-	-
27.3.19.2.17.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.2.17.6 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.19.2.17.7 Install									-	-	-	-	-	-
27.3.19.3 Trainable Gun Mount									-	-	-	-	-	-
27.3.19.3.1 Nomenclature									-	-	-	-	-	-
27.3.19.3.2 Theory of Operation									-	-	-	-	-	-
27.3.19.3.3 Remove									-	-	-	-	-	-
27.3.19.3.4 Disassemble									-	-	-	-	-	-
27.3.19.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.3.6 Assemble									-	-	-	-	-	-
27.3.19.3.7 Install									-	-	-	-	-	-
27.3.19.3.8 Perform Functional Check									-	-	-	-	-	-
27.3.19.4 Hydraulic Manifold Assembly									-	-	-	-	-	-
27.3.19.4.1 Nomenclature									-	-	-	-	-	-
27.3.19.4.2 Theory of Operation									-	-	-	-	-	-
27.3.19.4.3 Remove									-	-	-	-	-	-
27.3.19.4.4 Disassemble									-	-	-	-	-	-
27.3.19.4.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.4.6 Assemble									-	-	-	-	-	-
27.3.19.4.7 Install									-	-	-	-	-	-
27.3.19.5 Manual Hydraulic Drive Assembly									-	-	-	-	-	-
27.3.19.5.1 Nomenclature									-	-	-	-	-	-
27.3.19.5.2 Theory of Operation									-	-	-	-	-	-
27.3.19.5.3 Remove									-	-	-	-	-	-
27.3.19.5.4 Disassemble									-	-	-	-	-	-
27.3.19.5.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.19.5.6 Assemble									-	-	-	-	-	-
27.3.19.5.7 Install									-	-	-	-	-	-
27.3.19.6 Ammunition Storage and Handling System									-	-	-	-	-	-
27.3.19.6.1 Remove									-	-	-	-	-	-
27.3.19.6.2 Inspect / Repair / Clean									-	-	-	-	-	-
27.3.19.6.3 Install									-	-	-	-	-	-
27.3.19.7 Interface Plate									-	-	-	-	-	-
27.3.19.7.1 Remove									-	-	-	-	-	-
27.3.19.7.2 Install									-	-	-	-	-	-
27.3.19.8 Perform Boresight Operations									-	-	-	-	-	-
27.3.19.9 Azimuth Servoactuator									-	-	-	-	-	-
27.3.19.9.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.19.9.2 Install									-	-	-	-	-	-
27.3.19.10 Elevation Servoactuator									-	-	-	-	-	-
27.3.19.10.1 Remove									-	-	-	-	-	-
27.3.19.10.2 Install									-	-	-	-	-	-
27.3.19.11 Firing Solenoid									-	-	-	-	-	-
27.3.19.11.1 Install									-	-	-	-	-	-
27.3.19.11.2 Remove									-	-	-	-	-	-
27.3.19.12 Remove System									-	-	-	-	-	-
27.3.19.13 Install System									-	-	-	-	-	-
27.3.20 105mm Gun System									-	-	-	-	-	-
27.3.20.1 Theory of Operation									-	-	-	-	-	-
27.3.20.2 Gun									-	-	-	-	-	-
27.3.20.2.1 Nomenclature									-	-	-	-	-	-
27.3.20.2.2 Theory of Operation									-	-	-	-	-	-
27.3.20.2.3 Perform Safing / Clearing									-	-	-	-	-	-
27.3.20.2.4 Perform Pre-Flight Inspection									-	-	-	-	-	-
27.3.20.2.5 Perform Post-Flight Inspection									-	-	-	-	-	-
27.3.20.2.6 Remove									-	-	-	-	-	-
27.3.20.2.7 Disassemble									-	-	-	-	-	-
27.3.20.2.8 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.20.2.9 Assemble									-	-	-	-	-	-
27.3.20.2.10 Install									-	-	-	-	-	-
27.3.20.2.11 Perform Borescope Inspection									-	-	-	-	-	-
27.3.20.2.12 Perform Gun Functional Check									-	-	-	-	-	-
27.3.20.3 Manual Hydraulic Drive Assembly									-	-	-	-	-	-
27.3.20.3.1 Nomenclature									-	-	-	-	-	-
27.3.20.3.2 Theory of Operation									-	-	-	-	-	-
27.3.20.3.3 Remove									-	-	-	-	-	-
27.3.20.3.4 Disassemble									-	-	-	-	-	-
27.3.20.3.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.20.3.6 Assemble									-	-	-	-	-	-
27.3.20.3.7 Install									-	-	-	-	-	-
27.3.20.4 Recoil Mechanism Assembly									-	-	-	-	-	-
27.3.20.4.1 Service Hydraulics									-	-	-	-	-	-
27.3.20.4.2 Service Nitrogen									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.20.5 Azimuth Servoactuator									-	-	-	-	-	-
27.3.20.5.1 Remove									-	-	-	-	-	-
27.3.20.5.2 Install									-	-	-	-	-	-
27.3.20.6 Elevation Servoactuator									-	-	-	-	-	-
27.3.20.6.1 Remove									-	-	-	-	-	-
27.3.20.6.2 Install									-	-	-	-	-	-
27.3.20.7 Elevation Actuator									-	-	-	-	-	-
27.3.20.7.1 Remove									-	-	-	-	-	-
27.3.20.7.2 Install									-	-	-	-	-	-
27.3.20.8 Firing Solenoid									-	-	-	-	-	-
27.3.20.8.1 Remove									-	-	-	-	-	-
27.3.20.8.2 Install									-	-	-	-	-	-
27.3.20.9 Out-of-Battery Pump									-	-	-	-	-	-
27.3.20.9.1 Remove									-	-	-	-	-	-
27.3.20.9.2 Install									-	-	-	-	-	-
27.3.20.10 Tube Retractor									-	-	-	-	-	-
27.3.20.10.1 Remove									-	-	-	-	-	-
27.3.20.10.2 Install									-	-	-	-	-	-
27.3.20.11 Trainable Gun Mount									-	-	-	-	-	-
27.3.20.11.1 Nomenclature									-	-	-	-	-	-
27.3.20.11.2 Theory of Operation									-	-	-	-	-	-
27.3.20.11.3 Remove									-	-	-	-	-	-
27.3.20.11.4 Disassemble									-	-	-	-	-	-
27.3.20.11.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.20.11.6 Assemble									-	-	-	-	-	-
27.3.20.11.7 Install									-	-	-	-	-	-
27.3.20.12 Perform Trainable Gun Mount Functional Check									-	-	-	-	-	-
27.3.20.13 Elevation Resolver									-	-	-	-	-	-
27.3.20.13.1 Remove									-	-	-	-	-	-
27.3.20.13.2 Install									-	-	-	-	-	-
27.3.20.14 Safety Cage									-	-	-	-	-	-
27.3.20.14.1 Remove									-	-	-	-	-	-
27.3.20.14.2 Install									-	-	-	-	-	-
27.3.20.15 Elevation Synchronizer									-	-	-	-	-	-
27.3.20.15.1 Remove									-	-	-	-	-	-
27.3.20.15.2 Install									-	-	-	-	-	-
27.3.20.16 Hydraulic Manifold Assembly									-	-	-	-	-	-
27.3.20.16.1 Remove									-	-	-	-	-	-
27.3.20.16.2 Inspect									-	-	-	-	-	-
27.3.20.16.3 Repair									-	-	-	-	-	-
27.3.20.16.4 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.3.20.17 Ammunition Storage and Handling System (ASHS)									-	-	-	-	-	-
27.3.20.17.1 Nomenclature									-	-	-	-	-	-
27.3.20.17.2 Theory of Operation									-	-	-	-	-	-
27.3.20.17.3 Remove									-	-	-	-	-	-
27.3.20.17.4 Disassemble									-	-	-	-	-	-
27.3.20.17.5 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.3.20.17.6 Assemble									-	-	-	-	-	-
27.3.20.17.7 Install									-	-	-	-	-	-
27.3.20.18 Perform Boresight Operations									-	-	-	-	-	-
27.4 Stores Suspension Equipment TR: TOs: 11A-1-33, 1C-130(A)U-2-1, 1C-130(A)U-2-2, 11B29-3-8-3, 11B29-3-8-4, 11B29-3-25-2, 33A1-12-1198-1, 33A1-12-1300-1, 33D5-53-13-1, 33D5-53-1-111									-	-	-	-	-	-
27.4.1 Description									-	-	-	-	-	-
27.4.2 Theory of Operation									-	-	-	-	-	-
27.4.3 Function of Parts									-	-	-	-	-	-
27.4.4 MAU-12 Bomb Rack									-	-	-	-	-	-
27.4.4.1 Remove									-	-	-	-	-	-
27.4.4.2 Disassemble									-	-	-	-	-	-
27.4.4.3 Inspect									-	-	-	-	-	-
27.4.4.4 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.4.4.5 Assemble									-	-	-	-	-	-
27.4.4.6 Install									-	-	-	-	-	-
27.4.4.7 Perform Bench Check with MAU-12/40/50 Test Set									-	-	-	-	-	-
27.4.4.8 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
27.4.5 TER									-	-	-	-	-	-
27.4.5.1 Remove									-	-	-	-	-	-
27.4.5.2 Disassemble									-	-	-	-	-	-
27.4.5.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.4.5.4 Assemble									-	-	-	-	-	-
27.4.5.5 Install									-	-	-	-	-	-
27.4.5.6 Perform Bench Check									-	-	-	-	-	-
27.4.5.7 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
27.4.6 MA-4 Bomb Rack									-	-	-	-	-	-
27.4.6.1 Remove									-	-	-	-	-	-
27.4.6.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.4.6.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.4.6.4 Assemble									-	-	-	-	-	-
27.4.6.5 Install									-	-	-	-	-	-
27.4.6.6 Perform Bench Check									-	-	-	-	-	-
27.4.6.7 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
27.4.7 LAU-105 Missile Launcher									-	-	-	-	-	-
27.4.7.1 Remove									-	-	-	-	-	-
27.4.7.2 Disassemble									-	-	-	-	-	-
27.4.7.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
27.4.7.4 Assemble									-	-	-	-	-	-
27.4.7.5 Install									-	-	-	-	-	-
27.4.7.6 Perform Bench Check									-	-	-	-	-	-
27.4.7.7 Perform Weight Check with Proof Load Tester									-	-	-	-	-	-
27.4.8 LAU-105 Missile Launcher Adapter									-	-	-	-	-	-
27.4.8.1 Remove									-	-	-	-	-	-
27.4.8.2 Install									-	-	-	-	-	-
27.5 Armament System Components TR: TOs: 1C-130(A)U-2-1, 11W1-15-16-2, 11W1-15-16-3, 11W1-15-16-4, 11W1-33-6-2									-	-	-	-	-	-
27.5.1 Manual Readout Assembly									-	-	-	-	-	-
27.5.1.1 Remove									-	-	-	-	-	-
27.5.1.2 Inspect									-	-	-	-	-	-
27.5.1.3 Install									-	-	-	-	-	-
27.5.1.4 Adjust									-	-	-	-	-	-
27.5.2 Loaders Weapons Control Panel									-	-	-	-	-	-
27.5.2.1 Remove									-	-	-	-	-	-
27.5.2.2 Install									-	-	-	-	-	-
27.5.3 Electronic Control Unit									-	-	-	-	-	-
27.5.3.1 Remove									-	-	-	-	-	-
27.5.3.2 Install									-	-	-	-	-	-
27.5.4 Gun Control Unit									-	-	-	-	-	-
27.5.4.1 Remove									-	-	-	-	-	-
27.5.4.2 Install									-	-	-	-	-	-
27.5.5 Fire Control Override Switch									-	-	-	-	-	-
27.5.5.1 Remove									-	-	-	-	-	-
27.5.5.2 Repair									-	-	-	-	-	-
27.5.5.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.5.6 Master Arm Switch									-	-	-	-	-	-
27.5.6.1 Remove									-	-	-	-	-	-
27.5.6.2 Repair									-	-	-	-	-	-
27.5.6.3 Install									-	-	-	-	-	-
27.5.7 Pilot's Fire Control Switch									-	-	-	-	-	-
27.5.7.1 Remove									-	-	-	-	-	-
27.5.7.2 Install									-	-	-	-	-	-
27.5.8 Hydraulic Power Panel									-	-	-	-	-	-
27.5.8.1 Remove									-	-	-	-	-	-
27.5.8.2 Repair									-	-	-	-	-	-
27.5.8.3 Install									-	-	-	-	-	-
27.5.9 Gun Relay Unit									-	-	-	-	-	-
27.5.9.1 Remove									-	-	-	-	-	-
27.5.9.2 Install									-	-	-	-	-	-
27.5.10 Weapons Station Caution Light Panel									-	-	-	-	-	-
27.5.10.1 Remove									-	-	-	-	-	-
27.5.10.2 Repair									-	-	-	-	-	-
27.5.10.3 Install									-	-	-	-	-	-
27.5.11 Fire Control Panel									-	-	-	-	-	-
27.5.11.1 Remove									-	-	-	-	-	-
27.5.11.2 Install									-	-	-	-	-	-
27.5.12 Gyro									-	-	-	-	-	-
27.5.12.1 Remove									-	-	-	-	-	-
27.5.12.2 Install									-	-	-	-	-	-
27.5.13 Resolver									-	-	-	-	-	-
27.5.13.1 Remove									-	-	-	-	-	-
27.5.13.2 Install									-	-	-	-	-	-
27.6 Test Equipment TR: TOs: 11W1-15-13-2-1, 11W1-15-14-4, 36-1-58, 33-1-19, 33A1-12-1300-1, 33A1-12-1198-1, 33D5-53-1-111, 33D5-53-13-1									-	-	-	-	-	-
27.6.1 Description									-	-	-	-	-	-
27.6.2 Familiarization									-	-	-	-	-	-
27.6.2.1 Nitrogen Servicing Gauge									-	-	-	-	-	-
27.6.2.2 Sextant									-	-	-	-	-	-
27.6.2.3 Stray Voltage Tester									-	-	-	-	-	-
27.6.2.4 Digital Meter									-	-	-	-	-	-
27.6.2.5 Breakout Box									-	-	-	-	-	-
27.6.2.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
27.6.2.7 MAU-12/40/50 Tester									-	-	-	-	-	-
27.6.2.8 Proof load Tester									-	-	-	-	-	-
27.6.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.6.3.1 Nitrogen Servicing Gauge									-	-	-	-	-	-
27.6.3.2 Sextant									-	-	-	-	-	-
27.6.3.3 Stray Voltage Tester									-	-	-	-	-	-
27.6.3.4 Digital Meter									-	-	-	-	-	-
27.6.3.5 Breakout Box									-	-	-	-	-	-
27.6.3.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
27.6.3.7 MAU-12/40/50 Tester									-	-	-	-	-	-
27.6.3.8 Proof load Tester									-	-	-	-	-	-
27.6.4 Operate									-	-	-	-	-	-
27.6.4.1 Nitrogen Servicing Gauge									-	-	-	-	-	-
27.6.4.2 Sextant									-	-	-	-	-	-
27.6.4.3 Stray Voltage Tester									-	-	-	-	-	-
27.6.4.4 Digital Meter									-	-	-	-	-	-
27.6.4.5 Breakout Box									-	-	-	-	-	-
27.6.4.6 TS-4485/ALM 288 Tester									-	-	-	-	-	-
27.6.4.7 MAU-12/40/50 Tester									-	-	-	-	-	-
27.6.4.8 Proof load Tester									-	-	-	-	-	-
27.7 Fault Isolation TR: TOs: 1-1A-14, 1C-130(A)U-94FI-50-1, 1C-130(A)U-94GS-50-1, 1C-130(A)U-94SD-50-1, 1C-130(A)U-94WD-50-1									-	-	-	-	-	-
27.7.1 Use Fault Isolation Technical Orders									-	-	-	-	-	-
27.7.2 Utilize Block / Schematic Diagrams									-	-	-	-	-	-
27.7.3 Troubleshoot Circuits									-	-	-	-	-	-
27.8 Special Tools TR: TOs: 1C-130(A)U-2-15, 1-1A-15, 11W1-15-13-2-1, 11W1-15-14-4, 33D30-4-17-1, 32-1-101, 36C3-5-15-1									-	-	-	-	-	-
27.8.1 Inspect									-	-	-	-	-	-
27.8.1.1 Transfer Rail System									-	-	-	-	-	-
27.8.1.2 Fork Adapter/Tines									-	-	-	-	-	-
27.8.1.3 Crane Adapter									-	-	-	-	-	-
27.8.1.4 ASHS Lifting Fixture									-	-	-	-	-	-
27.8.1.5 ASHS Dolly Set									-	-	-	-	-	-
27.8.1.6 Arm Safe Tool									-	-	-	-	-	-
27.8.1.7 GFU-23/E 25 MM Loader									-	-	-	-	-	-
27.8.2 Operate									-	-	-	-	-	-
27.8.2.1 Transfer Rail System									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
27.8.2.2 Fork Adapter/Tines									-	-	-	-	-	-
27.8.2.3 Crane Adapter									-	-	-	-	-	-
27.8.2.4 ASHS Lifting Fixture									-	-	-	-	-	-
27.8.2.5 ASHS Dolly Set									-	-	-	-	-	-
27.8.2.6 Arm Safe Tool									-	-	-	-	-	-
27.8.2.7 GFU-23/E 25 MM Loader									-	-	-	-	-	-
27.8.3 Perform Ground Pressurization Maintenance Check									-	-	-	-	-	-
27.8.3.1 Gun Pressurization Closeout Panel									-	-	-	-	-	-
27.8.3.1.1 Install									-	-	-	-	-	-
27.8.3.1.2 Remove									-	-	-	-	-	-
27.9 Perform Phase Inspection TR: TOs: 1C-130(A)-6WC, OI's, LCLs									-	-	-	-	-	-
27.10 Inspect / Operate 7.5 Ton Overhead Rail Crane									-	-	-	-	-	-
27.11 Inspect / Use Cleaning Vat									-	-	-	-	-	-
27.12 Airmunitions (See Matrix) TR: TOs 1-1M-33, 1C-130E-33-1-2, 11A1-33, 11A13-11-7, 11A13-13-7, 11A13-16-7, 11A16-39-7, 11A15-41-7, 11A16-45-7									-	-	-	-	-	-
27.12.1 Characteristics									-	-	-	A	-	-
27.12.2 Chaff / Flare									-	-	-	-	-	-
27.12.2.1 Inspect									-	-	-	-	-	-
27.12.2.2 Load									-	-	-	-	-	-
27.12.2.3 Unload									-	-	-	-	-	-
27.12.3 25mm Ammunition									-	-	-	-	-	-
27.12.3.1 Inspect									-	-	-	-	-	-
27.12.3.2 Load									-	-	-	-	-	-
27.12.3.3 Unload									-	-	-	-	-	-
27.12.4 Perform Hot Gun Response Procedures									-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC	
28 MH-53 HELICOPTER										-	-	-	-	-	-
28.1 Aerospace Ground Equipment TR: TOs 1H-53(M)J-2-1, 34Y1-87-71, 35C2-3-469-1, 35C2-3-473-1, 35C2-3-469-2, 35F5-5-11-31, 35F5-11-61, 35F5-5-16-1, 35F5-5-20-1										-	-	-	-	-	-
28.1.1 MD-3 Generator Set										-	-	-	-	-	-
28.1.1.1 Inspect										-	-	-	-	-	-
28.1.1.2 Operate										-	-	-	-	-	-
28.1.2 TF-1 Floodlight Set										-	-	-	-	-	-
28.1.2.1 Inspect										-	-	-	-	-	-
28.1.2.2 Operate										-	-	-	-	-	-
28.1.3 NF-2D Floodlight Set										-	-	-	-	-	-
28.1.3.1 Inspect										-	-	-	-	-	-
28.1.3.2 Operate										-	-	-	-	-	-
28.1.4 FL-1D Floodlight Set										-	-	-	-	-	-
28.1.4.1 Inspect										-	-	-	-	-	-
28.1.4.2 Operate										-	-	-	-	-	-
28.1.5 MEP-360A (AGPU)										-	-	-	-	-	-
28.1.5.1 Inspect										-	-	-	-	-	-
28.1.5.2 Operate										-	-	-	-	-	-
28.1.6 A/M32A-86 Generator Set										-	-	-	-	-	-
28.1.6.1 Inspect										-	-	-	-	-	-
28.1.6.2 Operate										-	-	-	-	-	-
28.2 General Aircraft Familiarization TR: TOs: 1H-53(M)J-2-1, 11A-1-33, 11A-1-55										-	-	-	-	-	-
* 28.2.1 Aircraft Switches, Controls, and Indicators										A	-	-	-	-	-
* 28.2.2 Aircraft Safety Devices										A	-	-	-	-	-
* 28.2.3 Aircraft Danger Areas										A	-	-	-	-	-
* 28.2.4 Perform Aircraft Safe for Maintenance Procedures										3b	-	-	-	-	-
* 28.2.5 Apply / Remove Aircraft External Electrical Power										2b	-	-	-	-	-
28.3 Gun Systems TR: TOs: 1H-53(M)J-2-1, 1H-53(M)J-2-6, 11W1-13-3-132, 11W1-13-3-142, 11W1-13-5-2, 11W1-13-5-4, 11W1-13-6-2, LCLs, OIs										-	-	-	-	-	-
28.3.1 7.62mm Gun System										-	-	-	-	-	-
28.3.1.1 Theory of Operation										-	-	-	-	-	-
28.3.1.2 GAU-2 Gun										-	-	-	-	-	-
* 28.3.1.2.1 Nomenclature										A	-	-	-	-	-
* 28.3.1.2.2 Cycle of Operation										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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
* 28.3.1.2.3 Perform Safing and Clearing Procedures									3b	-	-	-	-	-
* 28.3.1.2.4 Disassemble									3b	-	-	-	-	-
* 28.3.1.2.5 Clean									a	-	-	-	-	-
* 28.3.1.2.6 Inspect									3b	-	-	-	-	-
28.3.1.2.7 Repair									-	-	-	-	-	-
* 28.3.1.2.8 Lubricate									a	-	-	-	-	-
* 28.3.1.2.9 Assemble									3b	-	-	-	-	-
* 28.3.1.2.10 Perform Manual Checkout In-Shop									3b	-	-	-	-	-
28.3.1.3 Flash Suppressor									-	-	-	-	-	-
* 28.3.1.3.1 Remove									3b	-	-	-	-	-
28.3.1.3.2 Clean / Inspect / Lubricate									-	-	-	-	-	-
* 28.3.1.3.3 Install									3b	-	-	-	-	-
28.3.1.4 Gun Drive Assembly									-	-	-	-	-	-
* 28.3.1.4.1 Remove									3b	-	-	-	-	-
28.3.1.4.2 Disassemble									-	-	-	-	-	-
28.3.1.4.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
28.3.1.4.4 Assemble									-	-	-	-	-	-
* 28.3.1.4.5 Install									3b	-	-	-	-	-
28.3.1.4.6 Test									-	-	-	-	-	-
28.3.1.5 Recoil Adapter									-	-	-	-	-	-
* 28.3.1.5.1 Remove									3b	-	-	-	-	-
28.3.1.5.2 Inspect									-	-	-	-	-	-
* 28.3.1.5.3 Install									3b	-	-	-	-	-
28.3.1.6 Housing Shield									-	-	-	-	-	-
* 28.3.1.6.1 Remove									3b	-	-	-	-	-
* 28.3.1.6.2 Install									3b	-	-	-	-	-
28.3.1.7 Dillion Feeder									-	-	-	-	-	-
28.3.1.7.1 Remove									-	-	-	-	-	-
28.3.1.7.2 Disassemble									-	-	-	-	-	-
28.3.1.7.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
28.3.1.7.4 Assemble									-	-	-	-	-	-
28.3.1.7.5 Install									-	-	-	-	-	-
28.3.1.7.6 Test									-	-	-	-	-	-
28.3.1.8 Link Ejection Chute									-	-	-	-	-	-
28.3.1.8.1 Remove									-	-	-	-	-	-
28.3.1.8.2 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.8.3 Install									-	-	-	-	-	-
28.3.1.9 Saddle Assembly									-	-	-	-	-	-
28.3.1.9.1 Remove									-	-	-	-	-	-
28.3.1.9.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Ing Start	Ing Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
28.3.1.9.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.9.4 Assemble									-	-	-	-	-	-
28.3.1.9.5 Install									-	-	-	-	-	-
28.3.1.9.6 Test									-	-	-	-	-	-
28.3.1.10 Yoke Assemblies									-	-	-	-	-	-
28.3.1.10.1 Remove From Saddle									-	-	-	-	-	-
28.3.1.10.2 Disassemble									-	-	-	-	-	-
28.3.1.10.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
28.3.1.10.4 Assemble									-	-	-	-	-	-
28.3.1.10.5 Install On Saddle									-	-	-	-	-	-
28.3.1.11 Flexible Feed Chute									-	-	-	-	-	-
28.3.1.11.1 Remove									-	-	-	-	-	-
28.3.1.11.2 Disassemble									-	-	-	-	-	-
28.3.1.11.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.11.4 Assemble									-	-	-	-	-	-
28.3.1.11.5 Install									-	-	-	-	-	-
28.3.1.11.6 Test									-	-	-	-	-	-
28.3.1.12 Hopper Assembly									-	-	-	-	-	-
28.3.1.12.1 Remove									-	-	-	-	-	-
28.3.1.12.2 Disassemble									-	-	-	-	-	-
28.3.1.12.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.12.4 Assemble									-	-	-	-	-	-
28.3.1.12.5 Install									-	-	-	-	-	-
28.3.1.13 Electronic Control Unit									-	-	-	-	-	-
*28.3.1.13.1 Remove									b	-	-	-	-	-
28.3.1.13.2 Disassemble									-	-	-	-	-	-
28.3.1.13.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.13.4 Assemble									-	-	-	-	-	-
*28.3.1.13.5 Install									b	-	-	-	-	-
28.3.1.13.6 Perform In-Shop Functional Check									-	-	-	-	-	-
28.3.1.14 Ammunition Canister									-	-	-	-	-	-
28.3.1.14.1 Remove									-	-	-	-	-	-
28.3.1.14.2 Disassemble									-	-	-	-	-	-
28.3.1.14.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.14.4 Assemble									-	-	-	-	-	-
28.3.1.14.5 Install									-	-	-	-	-	-
28.3.1.15 Booster Adapter Assembly									-	-	-	-	-	-
28.3.1.15.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
28.3.1.15.2 Disassemble									-	-	-	-	-	-
28.3.1.15.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.15.4 Assemble									-	-	-	-	-	-
28.3.1.15.5 Install									-	-	-	-	-	-
28.3.1.16 Booster Drive Assembly									-	-	-	-	-	-
28.3.1.16.1 Remove									-	-	-	-	-	-
28.3.1.16.2 Disassemble									-	-	-	-	-	-
28.3.1.16.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
28.3.1.16.4 Assemble									-	-	-	-	-	-
28.3.1.16.5 Install									-	-	-	-	-	-
28.3.1.17 Round Repositioner									-	-	-	-	-	-
28.3.1.17.1 Remove									-	-	-	-	-	-
28.3.1.17.2 Disassemble									-	-	-	-	-	-
28.3.1.17.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.1.17.4 Assemble									-	-	-	-	-	-
28.3.1.17.5 Install									-	-	-	-	-	-
28.3.1.18 Clear Malfunctions / Jams									-	-	-	-	-	-
* 28.3.1.19 Remove 7.62mm Gun System from Aircraft									3b	-	-	-	-	-
* 28.3.1.20 Install 7.62mm Gun System on Aircraft									3b	-	-	-	-	-
* 28.3.1.21 Perform Functional Check on Aircraft									3b	-	-	-	-	-
28.3.2 .50 Caliber Machine Gun System									-	-	-	-	-	-
28.3.2.1 Theory of Operation									-	-	-	-	-	-
28.3.2.2 GAU-18 Gun									-	-	-	-	-	-
* 28.3.2.2.1 Nomenclature									A	-	-	-	-	-
28.3.2.2.2 Perform Safing and Clearing Procedures									-	-	-	-	-	-
* 28.3.2.2.3 Disassemble									3b	-	-	-	-	-
28.3.2.2.4 Clean									-	-	-	-	-	-
* 28.3.2.2.5 Inspect									1b	-	-	-	-	-
28.3.2.2.6 Repair									-	-	-	-	-	-
28.3.2.2.7 Lubricate									-	-	-	-	-	-
* 28.3.2.2.8 Assemble									3b	-	-	-	-	-
28.3.2.2.9 Perform Manual Checkout In-Shop									-	-	-	-	-	-
28.3.2.2.10 Perform Head-Space / Timing Check									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
* 28.3.2.2.11 Adjust Head Spacing and Timing									1b	-	-	-	-	-
* 28.3.2.2.12 Perform Barrel Erosion Check									1b	-	-	-	-	-
28.3.2.3 Back Plate Assembly									-	-	-	-	-	-
* 28.3.2.3.1 Remove									2b	-	-	-	-	-
28.3.2.3.2 Disassemble									-	-	-	-	-	-
28.3.2.3.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.3.4 Assemble									-	-	-	-	-	-
* 28.3.2.3.5 Install									2b	-	-	-	-	-
28.3.2.4 Flash Suppressor									-	-	-	-	-	-
28.3.2.4.1 Remove									-	-	-	-	-	-
28.3.2.4.2 Clean / Inspect / Lubricate									-	-	-	-	-	-
28.3.2.4.3 Install									-	-	-	-	-	-
28.3.2.5 Link Chute Assembly									-	-	-	-	-	-
28.3.2.5.1 Remove									-	-	-	-	-	-
28.3.2.5.2 Disassemble									-	-	-	-	-	-
28.3.2.5.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.5.4 Assemble									-	-	-	-	-	-
28.3.2.5.5 Install									-	-	-	-	-	-
28.3.2.5.6 Test									-	-	-	-	-	-
28.3.2.6 Modified E-13 Recoil Adapter									-	-	-	-	-	-
* 28.3.2.6.1 Removal of Gun from Adapter									2b	-	-	-	-	-
28.3.2.6.2 Disassemble									-	-	-	-	-	-
28.3.2.6.3 Inspect / Service / Lubricate									-	-	-	-	-	-
28.3.2.6.4 Assemble									-	-	-	-	-	-
* 28.3.2.6.5 Installation of Gun to Adapter									2b	-	-	-	-	-
28.3.2.6.6 Perform Booster Switch Firing Pin Test									-	-	-	-	-	-
28.3.2.7 Spent Brass Hopper Assemblies									-	-	-	-	-	-
28.3.2.7.1 Remove									-	-	-	-	-	-
28.3.2.7.2 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.7.3 Install									-	-	-	-	-	-
28.3.2.8 Booster Controller Assembly									-	-	-	-	-	-
28.3.2.8.1 Remove									-	-	-	-	-	-
28.3.2.8.2 Disassemble									-	-	-	-	-	-
28.3.2.8.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.8.4 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
28.3.2.8.5 Install									-	-	-	-	-	-
28.3.2.9 100 Round Can Bracket Assembly									-	-	-	-	-	-
28.3.2.9.1 Remove									-	-	-	-	-	-
28.3.2.9.2 Disassemble									-	-	-	-	-	-
28.3.2.9.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.9.4 Assemble									-	-	-	-	-	-
28.3.2.9.5 Install									-	-	-	-	-	-
28.3.2.10 Flexible Feed Chute									-	-	-	-	-	-
28.3.2.10.1 Remove									-	-	-	-	-	-
28.3.2.10.2 Disassemble									-	-	-	-	-	-
28.3.2.10.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.10.4 Assemble									-	-	-	-	-	-
28.3.2.10.5 Install									-	-	-	-	-	-
28.3.2.10.6 Test									-	-	-	-	-	-
28.3.2.11 Door / Window Gun Mount Assembly									-	-	-	-	-	-
28.3.2.11.1 Remove									-	-	-	-	-	-
28.3.2.11.2 Disassemble									-	-	-	-	-	-
28.3.2.11.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.11.4 Assemble									-	-	-	-	-	-
28.3.2.11.5 Install									-	-	-	-	-	-
28.3.2.12 Door / Window Brass Bag Assembly									-	-	-	-	-	-
28.3.2.12.1 Remove									-	-	-	-	-	-
28.3.2.12.2 Inspect									-	-	-	-	-	-
28.3.2.12.3 Repair									-	-	-	-	-	-
28.3.2.12.4 Install									-	-	-	-	-	-
28.3.2.13 Ramp Gun Mount Assembly									-	-	-	-	-	-
28.3.2.13.1 Remove									-	-	-	-	-	-
28.3.2.13.2 Disassemble									-	-	-	-	-	-
28.3.2.13.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.13.4 Assemble									-	-	-	-	-	-
28.3.2.13.5 Install									-	-	-	-	-	-
28.3.2.14 Ramp Gun Mount Baseplate									-	-	-	-	-	-
28.3.2.14.1 Remove									-	-	-	-	-	-
28.3.2.14.2 Disassemble									-	-	-	-	-	-
28.3.2.14.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.14.4 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
28.3.2.14.5 Install									-	-	-	-	-	-
28.3.2.15 Ammunition Canister									-	-	-	-	-	-
28.3.2.15.1 Remove									-	-	-	-	-	-
28.3.2.15.2 Disassemble									-	-	-	-	-	-
28.3.2.15.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.15.4 Assemble									-	-	-	-	-	-
28.3.2.15.5 Install									-	-	-	-	-	-
28.3.2.16 Booster Adapter Assembly									-	-	-	-	-	-
28.3.2.16.1 Remove									-	-	-	-	-	-
28.3.2.16.2 Disassemble									-	-	-	-	-	-
28.3.2.16.3 Clean / Inspect / Repair									-	-	-	-	-	-
28.3.2.16.4 Assemble									-	-	-	-	-	-
28.3.2.16.5 Install									-	-	-	-	-	-
28.3.2.17 Booster Drive Assembly									-	-	-	-	-	-
28.3.2.17.1 Remove									-	-	-	-	-	-
28.3.2.17.2 Disassemble									-	-	-	-	-	-
28.3.2.17.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
28.3.2.17.4 Assemble									-	-	-	-	-	-
28.3.2.17.5 Install									-	-	-	-	-	-
* 28.3.2.18 Remove .50 Caliber Gun System from Aircraft									3b	-	-	-	-	-
* 28.3.2.19 Install .50 Caliber Gun System on Aircraft									3b	-	-	-	-	-
* 28.3.2.20 Perform Functional Check on Aircraft									3b	-	-	-	-	-
28.4 Test Equipment TR: TOs: 33B-1-1, 33D7-13-228-1														
28.4.1 Description									-	-	-	-	-	-
28.4.2 Familiarization									-	-	-	-	-	-
28.4.2.1 ALE-40 Tester									-	-	-	-	-	-
28.4.2.2 TS-4485/ALM 288 Tester									-	-	-	-	-	-
28.4.2.3 GAU-2 Test Adapter									-	-	-	-	-	-
28.4.2.4 Digital Meter									-	-	-	-	-	-
28.4.2.5 Auxiliary Tank Cartridge Breech Adapter									-	-	-	-	-	-
28.4.3 Inspect									-	-	-	-	-	-
28.4.3.1 ALE-40 Tester									-	-	-	-	-	-
28.4.3.2 TS-4485/ALM 288 Tester									-	-	-	-	-	-
28.4.3.3 GAU-2 Test Adapter									-	-	-	-	-	-
28.4.3.4 Digital Meter									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
28.4.3.5 Auxiliary Tank Cartridge Breech Adapter									-	-	-	-	-	-
28.4.4 Operate									-	-	-	-	-	-
28.4.4.1 ALE-40 Tester									-	-	-	-	-	-
28.4.4.2 TS-4485/ALM 288 Tester									-	-	-	-	-	-
28.4.4.3 GAU-2 Test Adapter									-	-	-	-	-	-
28.4.4.4 Digital Meter									-	-	-	-	-	-
28.4.4.5 Auxiliary Tank Cartridge Breech Adapter									-	-	-	-	-	-
28.5 Fault Isolation TR: 1H-53(M)J-2-1, 1H-53(M)J-2-6									-	-	-	-	-	-
28.5.1 Use Fault Isolation Technical Orders									-	-	-	-	-	-
28.5.2 Utilize Block / Schematic Diagrams									-	-	-	-	-	-
28.5.3 Troubleshoot Circuits									-	-	-	-	-	-
28.5.4 Identify Mechanical Malfunctions									-	-	-	-	-	-
28.6 Use Generator / Rectifier In-Shop TR: TO: 35C2-2-31-61									-	-	-	-	-	-
28.7 Inspect and Use Cleaning Vat TR: TO: Manufactures Catalogue, LCLs									-	-	-	-	-	-
28.8 Perform Phase Inspections TR: TOs: 1H-53(H)B-6WC-1, 1H-53(H)B-6WC-2, 1H-53(H)B-6WC-3, LCLs									-	-	-	-	-	-
28.9 Perform Pre-Flight Inspection TR: TOs: 1H-53-33-1-2, LCLs									-	-	-	-	-	-
28.10 Perform Post-Flight Inspection TR: TOs: 1H-53-33-1-2, LCLs									-	-	-	-	-	-
28.11 Special Tools TR: 1H-53(M)J-2-1, 30-10-13, 32-1-101, 32-1-151, 32-1-201, 32B14-3-1-101, 11W1-13-3-132, 11W1-13-3-142									-	-	-	-	-	-
28.11.1 Breech Bolt Fixture									-	-	-	-	-	-
28.11.2 Rounds Repositioner Tool									-	-	-	-	-	-
28.11.3 Head Space Gauge									-	-	-	-	-	-
28.11.4 Timing Gauge									-	-	-	-	-	-
28.11.5 Barrel Erosion Gauge									-	-	-	-	-	-
28.11.6 Oil Buffer Compression Tool									-	-	-	-	-	-
28.11.7 .50 Caliber Combo Wrench									-	-	-	-	-	-
28.11.8 Linker / Delinker Tool									-	-	-	-	-	-
28.11.9 Firing Pin Hole Gauge									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
28.11.10 Firing Pin Protrusion Gauge									-	-	-	-	-	-
28.11.11 Firing Pin Extractor Tool									-	-	-	-	-	-
28.11.12 Ruptured Case Extractor									-	-	-	-	-	-
28.12 Armory Procedures TR: AFIs: 31-209, 31-229, 71-105, 31-101, DoD 5100.76, 5200.2-R, OIs, LCLs									-	-	-	-	-	-
28.12.1 Open / Close									-	-	-	-	-	-
28.12.2 Alarm Test									-	-	-	-	-	-
28.12.3 Duress System									-	-	-	-	-	-
28.12.4 Inventory Procedures									-	-	-	-	-	-
28.12.5 Weapons Loading / Clearing Procedures									-	-	-	-	-	-
28.13 Aircraft Weapons Security / Deployed Weapons Security TR: AFIs: 31-209, 31-229, 71-105, 31-101, DoD 5100.76, 5200.2-R, OIs, LCLs									-	-	-	-	-	-
28.13.1 Risk Categories									-	-	-	B	-	-
28.13.2 Protection									-	-	-	B	-	-
28.13.3 Weapons Movement									-	-	-	-	-	-
28.13.4 Storage Requirement									-	-	-	-	-	-
28.13.5 Use of Deadly Force									-	-	-	-	-	-
28.14 Demilitarized Requirements TR: DoD 4160-21-M									-	-	-	A	-	-
28.15 Airmunitions (See Matrix) TR: TOs 1-IM-33, 1H-53-33-1-2, 1H-53(M)J-2-9, 11A1-33, 11A16-39-7, 11A16-41-7, 11A16-45-7, 11A18-10-7, LCLs									-	-	-	-	-	-
*28.15.1 Characteristics									A	-	-	-	-	-
28.15.2 Chaff / Flare									-	-	-	-	-	-
28.15.2.1 Inspect									-	-	-	-	-	-
28.15.2.2 Install									-	-	-	-	-	-
28.15.2.3 Remove									-	-	-	-	-	-
28.15.3 Auxiliary Fuel Tank Cartridges									-	-	-	-	-	-
28.15.3.1 Inspect									-	-	-	-	-	-
28.15.3.2 Install									-	-	-	-	-	-
28.15.3.3 Remove									-	-	-	-	-	-
28.15.4 Hoist Guillotine Cartridges									-	-	-	-	-	-
28.15.4.1 Inspect									-	-	-	-	-	-
28.15.4.2 Install									-	-	-	-	-	-
28.15.4.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29 HH-60 HELICOPTER									-	-	-	-	-	-
29.1 Aerospace Ground Equipment TR: 34Y1-87-71, 35C2-3-469-1, 35C2-3-473-1, 35C2-3-469-2, 35F5-5-11-31, 35F5-11-61, 35F5-5-16-1, 35F5-5-20-1									-	-	-	-	-	-
29.1.1 MD-3 Generator Set									-	-	-	-	-	-
29.1.1.1 Inspect									-	-	-	-	-	-
29.1.1.2 Operate									-	-	-	-	-	-
29.1.2 TF-1 Floodlight Set									-	-	-	-	-	-
29.1.2.1 Inspect									-	-	-	-	-	-
29.1.2.2 Operate									-	-	-	-	-	-
29.1.3 NF-2D Floodlight Set									-	-	-	-	-	-
29.1.3.1 Inspect									-	-	-	-	-	-
29.1.3.2 Operate									-	-	-	-	-	-
29.1.4 FL-1D Floodlight									-	-	-	-	-	-
29.1.4.1 Inspect									-	-	-	-	-	-
29.1.4.2 Operate									-	-	-	-	-	-
29.1.5 MEP-360A (AGPU)									-	-	-	-	-	-
29.1.5.1 Inspect									-	-	-	-	-	-
29.1.5.2 Operate									-	-	-	-	-	-
29.1.6 A/M32A-86 Generator Set									-	-	-	-	-	-
29.1.6.1 Inspect									-	-	-	-	-	-
29.1.6.2 Operate									-	-	-	-	-	-
29.1.7 B809A-72W Generator									-	-	-	-	-	-
29.1.7.1 Inspect									-	-	-	-	-	-
29.1.7.2 Operate									-	-	-	-	-	-
29.2 General Aircraft Familiarization TR: TOs: 1H-60(H)G-2-1, 1H-60(H)G-2-1CL-3, 11A1-1-33									-	-	-	-	-	-
29.2.1 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-
29.2.2 Aircraft Safety Devices									-	-	-	-	-	-
29.2.3 Aircraft Danger Areas									-	-	-	-	-	-
29.2.4 Perform Aircraft Safe for Maintenance Procedures									-	-	-	-	-	-
29.2.5 Apply / Remove Aircraft External Electrical Power									-	-	-	-	-	-
29.3 Gun Systems TR: 1H-60(H)G-2-1, 1H-60(H)G-2-9, 1H-60(H)G-112, 11W1-1-10, 11W1-13-3-132, 11W3-5-4, 11W3-5-4-21, 11A-1-33, 11W1-13-5-2, 11W1-13-5-4, OIs, LCLs									-	-	-	-	-	-
29.3.1 7.62mm Gun System									-	-	-	-	-	-
29.3.1.1 Theory of Operation									-	-	-	-	-	-

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	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
29.3.1.2 GAU-2 Gun									-	-	-	-	-	-
29.3.1.2.1 Nomenclature									-	-	-	-	-	-
29.3.1.2.2 Cycle of Operation									-	-	-	-	-	-
29.3.1.2.3 Perform Safing and Clearing Procedures									-	-	-	-	-	-
29.3.1.2.4 Disassemble									-	-	-	-	-	-
29.3.1.2.5 Clean									-	-	-	-	-	-
29.3.1.2.6 Inspect									-	-	-	-	-	-
29.3.1.2.7 Repair									-	-	-	-	-	-
29.3.1.2.8 Lubricate									-	-	-	-	-	-
29.3.1.2.9 Assemble									-	-	-	-	-	-
29.3.1.2.10 Perform Manual Checkout In-Shop									-	-	-	-	-	-
29.3.1.3 Flash Suppressor									-	-	-	-	-	-
29.3.1.3.1 Remove									-	-	-	-	-	-
29.3.1.3.2 Clean / Inspect / Lubricate									-	-	-	-	-	-
29.3.1.3.3 Install									-	-	-	-	-	-
29.3.1.4 Gun Drive Assembly									-	-	-	-	-	-
29.3.1.4.1 Remove									-	-	-	-	-	-
29.3.1.4.2 Disassemble									-	-	-	-	-	-
29.3.1.4.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.1.4.4 Assemble									-	-	-	-	-	-
29.3.1.4.5 Install									-	-	-	-	-	-
29.3.1.4.6 Test									-	-	-	-	-	-
29.3.1.5 Recoil Adapter									-	-	-	-	-	-
29.3.1.5.1 Remove									-	-	-	-	-	-
29.3.1.5.2 Inspect									-	-	-	-	-	-
29.3.1.5.3 Install									-	-	-	-	-	-
29.3.1.6 Housing Shield									-	-	-	-	-	-
29.3.1.6.1 Remove									-	-	-	-	-	-
29.3.1.6.2 Install									-	-	-	-	-	-
29.3.1.7 Dillion Feeder									-	-	-	-	-	-
29.3.1.7.1 Remove									-	-	-	-	-	-
29.3.1.7.2 Disassemble									-	-	-	-	-	-
29.3.1.7.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.1.7.4 Assemble									-	-	-	-	-	-
29.3.1.7.5 Install									-	-	-	-	-	-
29.3.1.7.6 Test									-	-	-	-	-	-
29.3.1.8 Link Ejection Chute									-	-	-	-	-	-
29.3.1.8.1 Remove									-	-	-	-	-	-
29.3.1.8.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.8.3 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
29.3.1.9 Gun Control Unit									-	-	-	-	-	-
29.3.1.9.1 Remove									-	-	-	-	-	-
29.3.1.9.2 Disassemble									-	-	-	-	-	-
29.3.1.9.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.9.4 Assemble									-	-	-	-	-	-
29.3.1.9.5 Install									-	-	-	-	-	-
29.3.1.9.6 Test									-	-	-	-	-	-
29.3.1.10 Hand Grip Housing									-	-	-	-	-	-
29.3.1.10.1 Remove									-	-	-	-	-	-
29.3.1.10.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.10.3 Install									-	-	-	-	-	-
29.3.1.11 Yoke Assembly									-	-	-	-	-	-
29.3.1.11.1 Remove									-	-	-	-	-	-
29.3.1.11.2 Disassemble									-	-	-	-	-	-
29.3.1.11.3 Clean / Inspect / Repair/ Lubricate									-	-	-	-	-	-
29.3.1.11.4 Assemble									-	-	-	-	-	-
29.3.1.11.5 Install									-	-	-	-	-	-
29.3.1.12 Gun Mount Assembly									-	-	-	-	-	-
29.3.1.12.1 Disassembly									-	-	-	-	-	-
29.3.1.12.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.1.12.3 Assemble									-	-	-	-	-	-
29.3.1.13 Shoulder Pin Assembly									-	-	-	-	-	-
29.3.1.13.1 Disassembly									-	-	-	-	-	-
29.3.1.13.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.1.13.3 Assemble									-	-	-	-	-	-
29.3.1.14 1,500 Round Ammunition Canister									-	-	-	-	-	-
29.3.1.14.1 Disassemble									-	-	-	-	-	-
29.3.1.14.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.14.3 Assemble									-	-	-	-	-	-
29.3.1.15 Intergraded Ammunition Handling System									-	-	-	-	-	-
29.3.1.15.1 Disassemble									-	-	-	-	-	-
29.3.1.15.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.15.3 Assemble									-	-	-	-	-	-
29.3.1.16 Booster Drive Assembly									-	-	-	-	-	-
29.3.1.16.1 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.1.16.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.1.16.3 Assemble									-	-	-	-	-	-
29.3.1.17 Round Repositioner / Chute Adapter									-	-	-	-	-	-
29.3.1.17.1 Disassemble									-	-	-	-	-	-
29.3.1.17.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.17.3 Assemble									-	-	-	-	-	-
29.3.1.18 Booster Adapter Assembly									-	-	-	-	-	-
29.3.1.18.1 Disassemble									-	-	-	-	-	-
29.3.1.18.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.18.3 Assemble									-	-	-	-	-	-
29.3.1.19 Ammunition Feed Chute									-	-	-	-	-	-
29.3.1.19.1 Disassemble									-	-	-	-	-	-
29.3.1.19.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.19.3 Assemble									-	-	-	-	-	-
29.3.1.19.4 Test									-	-	-	-	-	-
29.3.1.20 Electronic Control Unit									-	-	-	-	-	-
29.3.1.20.1 Remove									-	-	-	-	-	-
29.3.1.20.2 Disassemble									-	-	-	-	-	-
29.3.1.20.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.20.4 Assemble									-	-	-	-	-	-
29.3.1.20.5 Install									-	-	-	-	-	-
29.3.1.20.6 Perform In-Shop Functional Check									-	-	-	-	-	-
29.3.1.21 Gun System Control Panel									-	-	-	-	-	-
29.3.1.21.1 Remove									-	-	-	-	-	-
29.3.1.21.2 Disassemble									-	-	-	-	-	-
29.3.1.21.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.1.21.4 Assemble									-	-	-	-	-	-
29.3.1.21.5 Install									-	-	-	-	-	-
29.3.1.22 Perform In-Shop Functional Check									-	-	-	-	-	-
29.3.1.23 Clear Malfunctions / Jams									-	-	-	-	-	-
29.3.1.24 Remove 7.62mm Gun System from Aircraft									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.1.25 Install 7.62mm Gun System on Aircraft									-	-	-	-	-	-
29.3.1.26 Perform Functional Check on Aircraft									-	-	-	-	-	-
29.3.1.27 Perform Field-of-Fire Check									-	-	-	-	-	-
29.3.1.28 Perform Mechanical / Electrical Troubleshooting									-	-	-	-	-	-
29.3.2 .50 Caliber Machine Gun System									-	-	-	-	-	-
29.3.2.1 Theory of Operation									-	-	-	-	-	-
29.3.2.2 GAU-18 Gun									-	-	-	-	-	-
29.3.2.2.1 Nomenclature									-	-	-	-	-	-
29.3.2.2.2 Perform Safing and Clearing Procedures									-	-	-	-	-	-
29.3.2.2.3 Remove									-	-	-	-	-	-
29.3.2.2.4 Disassemble									-	-	-	-	-	-
29.3.2.2.5 Clean									-	-	-	-	-	-
29.3.2.2.6 Inspect									-	-	-	-	-	-
29.3.2.2.7 Repair									-	-	-	-	-	-
29.3.2.2.8 Lubricate									-	-	-	-	-	-
29.3.2.2.9 Assemble									-	-	-	-	-	-
29.3.2.2.10 Install									-	-	-	-	-	-
29.3.2.2.11 Perform Manual Checkout In-Shop									-	-	-	-	-	-
29.3.2.2.12 Perform Head-Space / Timing Check									-	-	-	-	-	-
29.3.2.2.13 Adjust Head Spacing and Timing									-	-	-	-	-	-
29.3.2.2.14 Perform Barrel Erosion Check									-	-	-	-	-	-
29.3.2.3 Back Plate Assembly									-	-	-	-	-	-
29.3.2.3.1 Remove									-	-	-	-	-	-
29.3.2.3.2 Disassemble									-	-	-	-	-	-
29.3.2.3.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.3.4 Assemble									-	-	-	-	-	-
29.3.2.3.5 Install									-	-	-	-	-	-
29.3.2.4 Flash Suppressor									-	-	-	-	-	-
29.3.2.4.1 Remove									-	-	-	-	-	-
29.3.2.4.2 Clean / Inspect / Lubricate									-	-	-	-	-	-
29.3.2.4.3 Install									-	-	-	-	-	-
29.3.2.5 Link Chute Assembly									-	-	-	-	-	-
29.3.2.5.1 Remove									-	-	-	-	-	-
29.3.2.5.2 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trng Start	Trng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.2.5.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.5.4 Assemble									-	-	-	-	-	-
29.3.2.5.5 Install									-	-	-	-	-	-
29.3.2.5.6 Test									-	-	-	-	-	-
29.3.2.6 Modified E-13 Recoil Adapter									-	-	-	-	-	-
29.3.2.6.1 Removal of Gun from Adapter									-	-	-	-	-	-
29.3.2.6.2 Disassemble									-	-	-	-	-	-
29.3.2.6.3 Inspect / Service / Lubricate									-	-	-	-	-	-
29.3.2.6.4 Assemble									-	-	-	-	-	-
29.3.2.6.5 Installation of Gun to Adapter									-	-	-	-	-	-
29.3.2.6.6 Perform Booster Switch Firing Pin Test									-	-	-	-	-	-
29.3.2.7 Spent Brass Hopper Assemblies									-	-	-	-	-	-
29.3.2.7.1 Remove									-	-	-	-	-	-
29.3.2.7.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.7.3 Install									-	-	-	-	-	-
29.3.2.8 Feed Chute Adapter									-	-	-	-	-	-
29.3.2.8.1 Remove									-	-	-	-	-	-
29.3.2.8.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.8.3 Install									-	-	-	-	-	-
29.3.2.9 Ammunition Feed Chute									-	-	-	-	-	-
29.3.2.9.1 Disassemble									-	-	-	-	-	-
29.3.2.9.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.9.3 Assemble									-	-	-	-	-	-
29.3.2.9.4 Test									-	-	-	-	-	-
29.3.2.10 Booster Controller Assembly									-	-	-	-	-	-
29.3.2.10.1 Disassemble									-	-	-	-	-	-
29.3.2.10.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.10.3 Assemble									-	-	-	-	-	-
29.3.2.11 Booster Drive Assembly									-	-	-	-	-	-
29.3.2.11.1 Disassemble									-	-	-	-	-	-
29.3.2.11.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.2.11.3 Assemble									-	-	-	-	-	-
29.3.2.12 Booster Adapter Assembly									-	-	-	-	-	-
29.3.2.12.1 Disassemble									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.2.12.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.12.3 Assemble									-	-	-	-	-	-
29.3.2.13 Dillion Feeder									-	-	-	-	-	-
29.3.2.13.1 Remove									-	-	-	-	-	-
29.3.2.13.2 Disassemble									-	-	-	-	-	-
29.3.2.13.3 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.2.13.4 Assemble									-	-	-	-	-	-
29.3.2.13.5 Install									-	-	-	-	-	-
29.3.2.13.6 Test									-	-	-	-	-	-
29.3.2.14 Yoke Assembly									-	-	-	-	-	-
29.3.2.14.1 Disassemble									-	-	-	-	-	-
29.3.2.14.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.14.3 Assemble									-	-	-	-	-	-
29.3.2.15 100 Round Can Bracket Assembly									-	-	-	-	-	-
29.3.2.15.1 Remove									-	-	-	-	-	-
29.3.2.15.2 Disassemble									-	-	-	-	-	-
29.3.2.15.3 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.15.4 Assemble									-	-	-	-	-	-
29.3.2.15.5 Install									-	-	-	-	-	-
29.3.2.16 Pivot Arm Baseplate Assembly									-	-	-	-	-	-
29.3.2.16.1 Disassemble									-	-	-	-	-	-
29.3.2.16.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.16.3 Assemble									-	-	-	-	-	-
29.3.2.16.4 Adjust Pivot Arm									-	-	-	-	-	-
29.3.2.17 Intergraded Ammunition Handling System									-	-	-	-	-	-
29.3.2.17.1 Disassemble									-	-	-	-	-	-
29.3.2.17.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.2.17.3 Assemble									-	-	-	-	-	-
29.3.2.18 Remove .50 Caliber Gun System from Aircraft									-	-	-	-	-	-
29.3.2.19 Install .50 Caliber Gun System on Aircraft									-	-	-	-	-	-
29.3.2.20 Perform Functional Check on Aircraft									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.2.21 Perform Field-of-Fire Check									-	-	-	-	-	-
29.3.2.22 Perform Mechanical Troubleshooting									-	-	-	-	-	-
29.3.3 M60D/M240D Machine Gun System									-	-	-	-	-	-
29.3.3.1 Theory of Operation									-	-	-	-	-	-
29.3.3.2 M60D/M240D Machine Gun									-	-	-	-	-	-
29.3.3.2.1 Nomenclature									-	-	-	-	-	-
29.3.3.2.2 Function of Parts									-	-	-	-	-	-
29.3.3.2.3 Theory of Operation									-	-	-	-	-	-
29.3.3.3 Perform Safing and Clearing									-	-	-	-	-	-
29.3.3.4 Disassemble									-	-	-	-	-	-
29.3.3.5 Clean									-	-	-	-	-	-
29.3.3.6 Inspect									-	-	-	-	-	-
29.3.3.7 Repair									-	-	-	-	-	-
29.3.3.8 Lubricate									-	-	-	-	-	-
29.3.3.9 Assemble									-	-	-	-	-	-
29.3.3.10 Perform In-Shop Functional Check									-	-	-	-	-	-
29.3.3.11 Perform Loose Rivet Check									-	-	-	-	-	-
29.3.3.12 Adjust Head Spacing and Timing									-	-	-	-	-	-
29.3.3.13 Accessories / Chutes									-	-	-	-	-	-
29.3.3.13.1 Remove									-	-	-	-	-	-
29.3.3.13.2 Clean / Inspect									-	-	-	-	-	-
29.3.3.13.3 Install									-	-	-	-	-	-
29.3.3.14 Gun Mounts									-	-	-	-	-	-
29.3.3.14.1 Disassemble									-	-	-	-	-	-
29.3.3.14.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.3.14.3 Assemble									-	-	-	-	-	-
29.3.3.15 Remove M240D Gun System on Aircraft									-	-	-	-	-	-
* 29.3.3.16 Install M240D Gun System on Aircraft									3b/x	-	-	-	-	-
* 29.3.3.17 Perform Field-of-Fire Check									3b/x	-	-	-	-	-
* 29.3.3.18 Perform Mechanical Troubleshooting									3b/x	-	-	-	-	-
29.3.4 External Gun Mount System (EGMS)									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.4.1 Inspect									-	-	-	-	-	-
29.3.4.2 GAU-2 EGMS									-	-	-	-	-	-
29.3.4.2.1 Spent Brass Chute									-	-	-	-	-	-
29.3.4.2.1.1 Remove									-	-	-	-	-	-
29.3.4.2.1.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.2.1.3 Install									-	-	-	-	-	-
29.3.4.2.2 GAU-2 Gun									-	-	-	-	-	-
29.3.4.2.2.1 Remove									-	-	-	-	-	-
29.3.4.2.2.2 Install									-	-	-	-	-	-
29.3.4.2.3 Pintle Post Assembly									-	-	-	-	-	-
29.3.4.2.3.1 Remove									-	-	-	-	-	-
29.3.4.2.3.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.2.3.3 Install									-	-	-	-	-	-
29.3.4.2.4 Pintle Arm Assembly									-	-	-	-	-	-
29.3.4.2.4.1 Remove									-	-	-	-	-	-
29.3.4.2.4.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.2.4.3 Install									-	-	-	-	-	-
29.3.4.2.5 Wiring Harness									-	-	-	-	-	-
29.3.4.2.5.1 Remove									-	-	-	-	-	-
29.3.4.2.5.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.2.5.3 Install									-	-	-	-	-	-
29.3.4.2.6 Feed Chute									-	-	-	-	-	-
29.3.4.2.6.1 Remove									-	-	-	-	-	-
29.3.4.2.6.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.2.6.3 Install									-	-	-	-	-	-
29.3.4.3 GAU-18 EGMS									-	-	-	-	-	-
29.3.4.3.1 Spent Brass Chute Flexible Hose									-	-	-	-	-	-
29.3.4.3.1.1 Remove									-	-	-	-	-	-
29.3.4.3.1.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.1.3 Install									-	-	-	-	-	-
29.3.4.3.2 Link Ejection Chute									-	-	-	-	-	-
29.3.4.3.2.1 Remove									-	-	-	-	-	-
29.3.4.3.2.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.2.3 Install									-	-	-	-	-	-
29.3.4.3.3 Chute Adapter Assembly									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.4.3.3.1 Remove									-	-	-	-	-	-
29.3.4.3.3.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.3.3 Install									-	-	-	-	-	-
29.3.4.3.3.4 GAU-18									-	-	-	-	-	-
29.3.4.3.4.1 Remove									-	-	-	-	-	-
29.3.4.3.4.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.4.3 Modify									-	-	-	-	-	-
29.3.4.3.4.4 Modify Firing Solenoid									-	-	-	-	-	-
29.3.4.3.4.5 Install									-	-	-	-	-	-
29.3.4.3.5 GAU-18 (Modified) Gun Yoke / Cradle									-	-	-	-	-	-
29.3.4.3.5.1 Remove									-	-	-	-	-	-
29.3.4.3.5.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.5.3 Install									-	-	-	-	-	-
29.3.4.3.6 Gun Cradle									-	-	-	-	-	-
29.3.4.3.6.1 Remove									-	-	-	-	-	-
29.3.4.3.6.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.6.3 Install									-	-	-	-	-	-
29.3.4.3.7 Pintle Post Assembly									-	-	-	-	-	-
29.3.4.3.7.1 Remove									-	-	-	-	-	-
29.3.4.3.7.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.7.3 Install									-	-	-	-	-	-
29.3.4.3.8 Pintle Arm Assembly									-	-	-	-	-	-
29.3.4.3.8.1 Remove									-	-	-	-	-	-
29.3.4.3.8.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.3.8.3 Install									-	-	-	-	-	-
29.3.4.3.9 Wiring Harness									-	-	-	-	-	-
29.3.4.3.9.1 Remove									-	-	-	-	-	-
29.3.4.3.9.2 Clean / Inspect / Repair									-	-	-	-	-	-
29.3.4.3.9.3 Install									-	-	-	-	-	-
29.3.4.3.10 Grip Assembly									-	-	-	-	-	-
29.3.4.3.10.1 Remove									-	-	-	-	-	-
29.3.4.3.10.2 Install									-	-	-	-	-	-
29.3.4.3.11 Feed Chute									-	-	-	-	-	-
29.3.4.3.11.1 Remove									-	-	-	-	-	-
29.3.4.3.11.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.3.4.3.11.3 Install									-	-	-	-	-	-
29.3.4.4 M240D EGMS									-	-	-	-	-	-
29.3.4.4.1 Machine Gun Assembly									-	-	-	-	-	-
29.3.4.4.1.1 Remove									-	-	-	-	-	-
29.3.4.4.1.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.4.1.3 Install									-	-	-	-	-	-
29.3.4.4.2 Ammunition Magazine Bracket, Collection Bag and Assembly									-	-	-	-	-	-
29.3.4.4.2.1 Remove									-	-	-	-	-	-
29.3.4.4.2.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.4.2.3 Install									-	-	-	-	-	-
29.3.4.4.3 Cradle Assembly									-	-	-	-	-	-
29.3.4.4.3.1 Remove from Mount Arm									-	-	-	-	-	-
29.3.4.4.3.2 Install on Mount Arm									-	-	-	-	-	-
29.3.4.4.4 Mounting Arm									-	-	-	-	-	-
29.3.4.4.4.1 Remove									-	-	-	-	-	-
29.3.4.4.4.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.4.4.3 Install									-	-	-	-	-	-
29.3.4.4.5 Pintle Post Azimuth Plate Assembly									-	-	-	-	-	-
29.3.4.4.5.1 Remove									-	-	-	-	-	-
29.3.4.4.5.2 Install									-	-	-	-	-	-
29.3.4.4.6 Ammunition Magazine									-	-	-	-	-	-
29.3.4.4.6.1 Remove									-	-	-	-	-	-
29.3.4.4.6.2 Clean / Inspect / Repair / Lubricate									-	-	-	-	-	-
29.3.4.4.6.3 Install									-	-	-	-	-	-
29.4 Test Equipment TR: TOs: 33B-1-1, 33A1-12-1198-1, 33D7-13-228-1									-	-	-	-	-	-
29.4.1 Description									-	-	-	-	-	-
29.4.2 Familiarization									-	-	-	-	-	-
29.4.2.1 MA-1 Tester									-	-	-	-	-	-
29.4.2.2 TS-4485/288 Tester									-	-	-	-	-	-
29.4.2.3 GAU-2 Test Adapter									-	-	-	-	-	-
29.4.2.4 Digital Meter									-	-	-	-	-	-
29.4.3 Inspect									-	-	-	-	-	-
29.4.3.1 MA-1 Tester									-	-	-	-	-	-
29.4.3.2 TS-4485/288 Tester									-	-	-	-	-	-
29.4.3.3 GAU-2 Test Adapter									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.4.3.4 Digital Meter									-	-	-	-	-	-
29.4.4 Operate									-	-	-	-	-	-
29.4.4.1 MA-1 Tester									-	-	-	-	-	-
29.4.4.2 TS-4485/288 Tester									-	-	-	-	-	-
29.4.4.3 GAU-2 Test Adapter									-	-	-	-	-	-
29.4.4.4 Digital Meter									-	-	-	-	-	-
29.5 Fault Isolation TR: TOs: 1H-60(H)G-2-9, 11W1-13-3-132, 11W1-13-5-2, 11W1-13-5-4									-	-	-	-	-	-
29.5.1 Use Fault Isolation Technical Orders									-	-	-	-	-	-
29.5.2 Utilize Block / Schematic Diagrams									-	-	-	-	-	-
29.5.3 Troubleshoot Circuits									-	-	-	-	-	-
29.5.4 Identify Mechanical Malfunctions									-	-	-	-	-	-
29.6 Special Tools TR: TOs: 30-10-13, 32-1-101, 32-1-151, 32-1-201, 32B14-3-1-101, 11W1-13-5-2, 11W1-13-5-4									-	-	-	-	-	-
29.6.1 Breech Bolt Fixture									-	-	-	-	-	-
29.6.2 Rounds Repositioner Tool									-	-	-	-	-	-
29.6.3 Head Space Gauge									-	-	-	-	-	-
29.6.4 Timing Gauge									-	-	-	-	-	-
29.6.5 Barrel Erosion Gauge									-	-	-	-	-	-
29.6.6 Oil Buffer Compression Tool									-	-	-	-	-	-
29.6.7 .50 Caliber Combo Wrench									-	-	-	-	-	-
29.6.8 Linker / Delinker Tool									-	-	-	-	-	-
29.6.9 Firing Pin Hole Gauge									-	-	-	-	-	-
29.6.10 Firing Pin Protrusion Gauge									-	-	-	-	-	-
29.6.11 Firing Pin Extractor Tool									-	-	-	-	-	-
29.6.12 Ruptured Case Extractor									-	-	-	-	-	-
29.6.13 Field Test Bolt									-	-	-	-	-	-
29.6.14 Plain Cylinder Plug									-	-	-	-	-	-
29.6.15 M240D Breech Bore Erosion Gauge									-	-	-	-	-	-
29.6.16 M240D Firing Pin Length Gauge									-	-	-	-	-	-
29.6.17 M240D Muzzle and Breech Bore Wear Gauge									-	-	-	-	-	-
29.7 Use Generator / Rectifier In-Shop TR: TO: 35C2-2-31-61									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC	
29.8 Inspect / Use Jet Washer / Cleaning Vat TR: TO: Manufactures Catalog										-	-	-	-	-	-
29.9 Perform Phase Inspections TR: TOs: 1H-60(H)G-6, 1H-60(H)G-6WC-2, 1H-60(H)G-6WC-3, 1H-60(H)G-6WC-4, LCLs										-	-	-	-	-	-
29.10 Perform Pre-Flight Inspection TR: TOs: 1H-60(H)G-6, 1H-60(H)G-6WC-2, 1H-60(H)G-6WC-3, 1H-60(H)G-6WC-4, LCLs										-	-	-	-	-	-
29.11 Perform Post-Flight Inspection TR: TOs: 1H-60(H)G-6, 1H-60(H)G-6WC-2, 1H-60(H)G-6WC-3, 1H-60(H)G-6WC-4, LCLs										-	-	-	-	-	-
29.12 Armory Procedures TR: AFIs: 31-209, 31-229, 71-105, 31-101, DoD 5100.76, 5100.2-R, OIs, LCLs										-	-	-	-	-	-
29.12.1 Open / Close										-	-	-	-	-	-
29.12.2 Alarm Test										-	-	-	-	-	-
29.12.3 Duress System										-	-	-	-	-	-
29.12.4 Inventory Procedures										-	-	-	-	-	-
29.12.5 Weapons Loading / Clearing Procedures										-	-	-	-	-	-
29.13 Aircraft Weapons Security / Deployed Weapons Security TR: AFIs: 31-209, 31-229, 71-105, 31-101, DoD 5100.76, 5100.2-R, OIs, LCLs										-	-	-	-	-	-
29.13.1 Risk Categories										-	-	-	-	-	-
29.13.2 Protection										-	-	-	-	-	-
29.13.3 Weapons Movement										-	-	-	-	-	-
29.13.4 Storage Requirement										-	-	-	-	-	-
29.13.5 Use of Deadly Force										-	-	-	-	-	-
29.14 Demilitarized Requirements TR: DoD 4160-21-M										-	-	-	-	-	-
29.15 Airmunitions (See Matrix) TR: TOs: 1H-60(H)G-33-1-2, 11A1-33, 11A16-39-7, 11A16-45-7, 11A18-10-7, LCLs										-	-	-	-	-	-
29.15.1 Characteristics										-	-	-	-	-	-
29.15.2 Chaff / Flare										-	-	-	-	-	-
29.15.2.1 Inspect										-	-	-	-	-	-
29.15.2.2 Install										-	-	-	-	-	-
29.15.2.3 Remove										-	-	-	-	-	-
29.15.2.4 Stray Voltage Check										-	-	-	-	-	-
29.15.3 Hoist Guillotine Cartridges										-	-	-	-	-	-
29.15.3.1 Remove										-	-	-	-	-	-
29.15.3.2 Inspect										-	-	-	-	-	-
29.15.3.3 Install										-	-	-	-	-	-
29.15.3.4 Stray Voltage Check, Rescue Hoist, Cargo Hook										-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
29.15.4 7.62mm Ammunition									-	-	-	-	-	-
29.15.4.1 Load									-	-	-	-	-	-
29.15.4.2 Unload									-	-	-	-	-	-
29.15.5 50 Caliber									-	-	-	-	-	-
29.15.5.1 Load									-	-	-	-	-	-
29.15.5.2 Unload									-	-	-	-	-	-
29.15.6 Crew Served Markers / Flares									-	-	-	-	-	-
29.15.6.1 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
30 PREDATOR (MQ-1)									-	-	-	-	-	-
30.1 Aerospace Ground Equipment TR: TOs: 11-1-38, 35D3-2-25-1, 35D3-2-27-1, 35D3-9-23-1, 35D5-3-8-31, 35F5-5-11-31, 35F5-5-11-22, 35F5-5-16-1, 35F5-11-61									-	-	-	-	-	-
30.1.1 Description									-	-	-	-	-	-
30.1.2 MJ-1 Aerial Stores Lift Truck									-	-	-	-	-	-
30.1.2.1 Inspect									-	-	-	-	-	-
30.1.2.2 Operate									-	-	-	-	-	-
30.1.2.3 Drive									-	-	-	-	-	-
30.1.3 MHU-83 C/E Munitions Handling Lift Truck									-	-	-	-	-	-
30.1.3.1 Inspect									-	-	-	-	-	-
30.1.3.2 Operate									-	-	-	-	-	-
30.1.3.3 Drive									-	-	-	-	-	-
30.1.4 MHU-194E Lift Truck									-	-	-	-	-	-
30.1.4.1 Inspect									-	-	-	-	-	-
30.1.4.2 Operate									-	-	-	-	-	-
30.1.5 ADU-537 A/E Missile Mmunition Loading Adapter									-	-	-	-	-	-
30.1.5.1 Inspect									-	-	-	-	-	-
30.1.5.2 Operate									-	-	-	-	-	-
30.1.6 Munitions Handling Trailers									-	-	-	-	-	-
30.1.6.1 Inspect									-	-	-	-	-	-
30.1.6.2 Load / Unload									-	-	-	-	-	-
30.1.6.3 Tie-Down Procedures									-	-	-	-	-	-
30.1.7 TF-1 Floodlight Set									-	-	-	-	-	-
30.1.7.1 Inspect									-	-	-	-	-	-
30.1.7.2 Operate									-	-	-	-	-	-
30.1.8 NF-2D Floodlight Light									-	-	-	-	-	-
30.1.8.1 Inspect									-	-	-	-	-	-
30.1.8.2 Operate									-	-	-	-	-	-
30.2 Aircraft Familiarization									-	-	-	-	-	-
30.2.1 Concept of Operation									-	-	-	-	-	-
30.2.2 Security Precautions									-	-	-	-	-	-
30.2.3 Aircraft Safety Devices									-	-	-	-	-	-
30.2.4 Aircraft Danger Areas									-	-	-	-	-	-
30.2.5 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-
30.2.6 Aircraft Safe for Maintenance									-	-	-	-	-	-
30.2.7 Single Bay Station									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
30.2.7.1 Power Initialization									-	-	-	-	-	-
30.2.7.2 Power Down									-	-	-	-	-	-
30.2.8 Ground Control Station									-	-	-	-	-	-
30.2.8.1 Power Initialization									-	-	-	-	-	-
30.2.8.2 Power Down									-	-	-	-	-	-
30.3 Weapons Release System									-	-	-	-	-	-
30.3.1 Armament Systems Overview									-	-	-	-	-	-
30.3.2 Armament System Safety Hazards									-	-	-	-	-	-
30.3.3 Perform Pre / Post / Thru-Flight Inspections									-	-	-	-	-	-
30.4 Stores Suspension Equipment									-	-	-	-	-	-
30.4.1 Description									-	-	-	-	-	-
30.4.2 Theory of Operation									-	-	-	-	-	-
30.4.3 Function of Parts									-	-	-	-	-	-
30.4.4 Pylon									-	-	-	-	-	-
30.4.4.1 Remove									-	-	-	-	-	-
30.4.4.2 Disassemble									-	-	-	-	-	-
30.4.4.3 Inspect									-	-	-	-	-	-
30.4.4.4 Repair									-	-	-	-	-	-
30.4.4.5 Assemble									-	-	-	-	-	-
30.4.4.6 Install									-	-	-	-	-	-
30.4.5 M299 Launcher									-	-	-	-	-	-
30.4.5.1 Remove									-	-	-	-	-	-
30.4.5.2 Disassemble									-	-	-	-	-	-
30.4.5.3 Inspect									-	-	-	-	-	-
30.4.5.4 Repair									-	-	-	-	-	-
30.4.5.5 Assemble									-	-	-	-	-	-
30.4.5.6 Install									-	-	-	-	-	-
30.5 Armament System Components									-	-	-	-	-	-
30.5.1 Hellfire Electronics Assembly									-	-	-	-	-	-
30.5.1.1 Remove									-	-	-	-	-	-
30.5.1.2 Install									-	-	-	-	-	-
30.6 Test Equipment									-	-	-	-	-	-
30.6.1 Description									-	-	-	-	-	-
30.6.2 Familiarization									-	-	-	-	-	-
30.6.2.1 A/N-AWM-101A Tester									-	-	-	-	-	-
30.6.2.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
30.6.3 Inspect									-	-	-	-	-	-
30.6.3.1 A/N-AWM-101A 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
30.6.3.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
30.6.4 Operate									-	-	-	-	-	-
30.6.4.1 A/N-AWM-101A Tester									-	-	-	-	-	-
30.6.4.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
30.7 Fault Isolation Procedures									-	-	-	-	-	-
30.7.1 Principles of Troubleshooting									-	-	-	-	-	-
30.7.2 Fault Isolation Technical Orders									-	-	-	-	-	-
30.7.3 Block/Schematic Diagrams									-	-	-	-	-	-
30.7.4 Troubleshooting Circuits									-	-	-	-	-	-
30.8 Airmunitions (See Matrix)									-	-	-	-	-	-
30.8.1 Characteristics									-	-	-	-	-	-
30.8.2 Nonnuclear									-	-	-	-	-	-
30.8.2.1 Load									-	-	-	-	-	-
30.8.2.2 Unload									-	-	-	-	-	-

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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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
31 PREDATOR (MQ-9)									-	-	-	-	-	-
31.1 Aerospace Ground Equipment TR: TOs: 11-1-38, 35D3-2-25-1, 35D3-2-27-1, 35D3-9-23-1, 35D5-3-8-31, 35F5-5-11-31, 35F5-5-11-22, 35F5-5-16-1, 35F5-11-61									-	-	-	-	-	-
31.1.1 Description									-	-	-	-	-	-
31.1.2 MJ-1 Aerial Stores Lift Truck									-	-	-	-	-	-
31.1.2.1 Inspect									-	-	-	-	-	-
31.1.2.2 Operate									-	-	-	-	-	-
31.1.2.3 Drive									-	-	-	-	-	-
31.1.3 MHU-83 C/E Munitions Handling Lift Truck									-	-	-	-	-	-
31.1.3.1 Inspect									-	-	-	-	-	-
31.1.3.2 Operate									-	-	-	-	-	-
31.1.3.3 Drive									-	-	-	-	-	-
31.1.4 MHU-194E Lift Truck									-	-	-	-	-	-
31.1.4.1 Inspect									-	-	-	-	-	-
31.1.4.2 Operate									-	-	-	-	-	-
31.1.5 ADU-537 A/E Missile Muniton Loading Adapter									-	-	-	-	-	-
31.1.5.1 Inspect									-	-	-	-	-	-
31.1.5.2 Operate									-	-	-	-	-	-
31.1.6 Munitions Handling Trailers									-	-	-	-	-	-
31.1.6.1 Inspect									-	-	-	-	-	-
31.1.6.2 Load / Unload									-	-	-	-	-	-
31.1.6.3 Tie-Down Procedures									-	-	-	-	-	-
31.1.7 TF-1 Floodlight Set									-	-	-	-	-	-
31.1.7.1 Inspect									-	-	-	-	-	-
31.1.7.2 Operate									-	-	-	-	-	-
31.1.8 NF-2D Floodlight Light									-	-	-	-	-	-
31.1.8.1 Inspect									-	-	-	-	-	-
31.1.8.2 Operate									-	-	-	-	-	-
31.2 Aircraft Familiarization									-	-	-	-	-	-
31.2.1 Concept of Operation									-	-	-	-	-	-
31.2.2 Security Precautions									-	-	-	-	-	-
31.2.3 Aircraft Safety Devices									-	-	-	-	-	-
31.2.4 Aircraft Danger Areas									-	-	-	-	-	-
31.2.5 Aircraft Switches, Controls, and Indicators									-	-	-	-	-	-
31.2.6 Aircraft Safe for Maintenance									-	-	-	-	-	-

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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
31.3 Weapons Release System									-	-	-	-	-	-
31.3.1 Armament Systems Overview									-	-	-	-	-	-
31.3.2 Armament System Safety Hazards									-	-	-	-	-	-
31.3.3 Perform Pre / Post / Thru-Flight Inspections									-	-	-	-	-	-
31.3.4 Perform Basic Post-Flight Inspection									-	-	-	-	-	-
31.4 Stores Suspension Equipment									-	-	-	-	-	-
31.4.1 Description									-	-	-	-	-	-
31.4.2 Theory of Operation									-	-	-	-	-	-
31.4.3 Function of Parts									-	-	-	-	-	-
31.4.4 Pylon									-	-	-	-	-	-
31.4.4.1 Remove									-	-	-	-	-	-
31.4.4.2 Disassemble									-	-	-	-	-	-
31.4.4.3 Inspect									-	-	-	-	-	-
31.4.4.4 Repair									-	-	-	-	-	-
31.4.4.5 Assemble									-	-	-	-	-	-
31.4.4.6 Install									-	-	-	-	-	-
31.4.5 BRU-15 Bomb Rack Unit									-	-	-	-	-	-
31.4.5.1 Remove									-	-	-	-	-	-
31.4.5.2 Disassemble									-	-	-	-	-	-
31.4.5.3 Inspect									-	-	-	-	-	-
31.4.5.4 Repair									-	-	-	-	-	-
31.4.5.5 Assemble									-	-	-	-	-	-
31.4.5.6 Install									-	-	-	-	-	-
31.4.5.7 Perform Bench Check									-	-	-	-	-	-
31.5 Armament System Components									-	-	-	-	-	-
31.5.1 Chute Panel									-	-	-	-	-	-
31.5.2 Hellfire Electronics Assembly									-	-	-	-	-	-
31.5.2.1 Remove									-	-	-	-	-	-
31.5.2.2 Install									-	-	-	-	-	-
31.6 Test Equipment									-	-	-	-	-	-
31.6.1 Description									-	-	-	-	-	-
31.6.2 Familiarization									-	-	-	-	-	-
31.6.2.1 A/N-AWM-101A Tester									-	-	-	-	-	-
31.6.2.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
31.6.3 Inspect									-	-	-	-	-	-
31.6.3.1 A/N-AWM-101A 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	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Trg Start	Trg Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
31.6.3.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
31.6.4 Operate									-	-	-	-	-	-
31.6.4.1 A/N-AWM-101A Tester									-	-	-	-	-	-
31.6.4.2 28V DC Power Supply (Sorensen)									-	-	-	-	-	-
31.7 Fault Isolation Procedures									-	-	-	-	-	-
31.7.1 Principles of Troubleshooting									-	-	-	-	-	-
31.7.2 Fault Isolation Technical Orders									-	-	-	-	-	-
31.7.3 Block / Schematic Diagrams									-	-	-	-	-	-
31.7.4 Troubleshooting Circuits									-	-	-	-	-	-
31.8 Airmunitions (See Matrix)									-	-	-	-	-	-
31.8.1 Characteristics									-	-	-	-	-	-
31.8.2 Nonnuclear									-	-	-	-	-	-
31.8.2.1 Load									-	-	-	-	-	-
31.8.2.2 Unload									-	-	-	-	-	-

Note: BLK #4: Columns (1) & (2) can be relabeled to meet CF Requirements; i.e., 2 phase 3 skill level course, 5 lvl QTPs.

Section B - Course Objective List

NOTE: There is currently no course objective list. This area is reserved.

Section C - Support Material

The following list of support materials is not all-inclusive; however, it covers the most frequently referenced areas.

NOTE: There is currently no advanced course. This area is reserved.

Section D - Training Course Index

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

1. Air Force In-Residence Courses.

1.1. In-residence 3-level courses conducted at Sheppard AFB:

COURSE NUMBER	TITLE	USER
J3ABR2W131C 003	Aircraft Armament Systems Apprentice (A-10) Mission Ready Airmen (MRA)	ALL
J3ABR2W131E 003	Aircraft Armament Systems Apprentice (F-15) Mission Ready Airmen (MRA)	CAF/ ANG
J3ABR2W131F 004	Aircraft Armament Systems Apprentice (F-16) Mission Ready Airmen (MRA)	ALL
J3ABR2W131K 004	Aircraft Armament Systems Apprentice (B-52) Mission Ready Airmen (MRA)	ACC/ AFRC
J3ABR2W131L 003	Aircraft Armament Systems Apprentice (B-1) Mission Ready Airmen (MRA)	ACC/ ANG
J3ABR2W131Z 004	Aircraft Armament Systems Apprentice (Special ACC / AFSOC/Missions) Mission Ready Airmen (MRA)	ANG/AFRC

1.2. In-residence FTD courses conducted at various locations throughout the Air Force:

COURSE NUMBER	TITLE	LOCATION
J4ASF2W1X1-001	F-15E Aircraft Armament System Maintenance (Weapons Delivery) (In-Shop)	FTD
J4ASF2W1X1-003	F-15E Aircraft Armament System Journeyman/ Craftsman (Gun System) (In-Shop)	FTD
J4ASF2W1X1-004	F-15E Aircraft Gun System Craftsman (Flightline)	FTD
J4ASF2W1X1-006	AC-130 GAU-12/U 25mm Gun System (I-Maint)	FTD
J4ASF2W1X1-014	20mm Universal Ammunition Loader System (UALS) (In-Shop)	FTD
J4ASF2W1X1-125	A-10A Aircraft Armament Systems Craftsman (ALA Maintenance)	FTD
J4ASF2W1X1-134	F-15 Weapons Maintenance (In-Shop)	FTD

J4ASF2W1X1-151	F-16 Weapons Maintenance (C/D Difference)	FTD
J4ASF2W1X1-164	F-16 M61A1 20mm Gun System (IM)	FTD
J4ASF2W1X1-169	A-10A Weapons Maintenance (Off-Equipment)	FTD
J4ASF2W1X1-171	F-16 Armament System Gun Boresight	FTD
J4ASF2W1X1-185	F-15 Weapons Maintenance Journeyman/Craftsman (PACS)	FTD
J4ASF2W1X1-192	B-2 Aircraft Armament System Certification Training	FTD
J4ASF2W1X1-193	F-16 Armament Maintenance (AME)	FTD
J4ASF2W1X1-201	LAU-118(V) 4/A Launcher (IM)	FTD
J4ASF2W1X1-202	F-117A Tactical Aircraft Armament System Maintenance	FTD
J4ASF2W1X1-204	MH-53 Helicopter Armament Systems Craftsman (I/O Maint)	FTD
J4ASF2W1X1-205	C-130 Alternate Mission Equipment Armament Systems (I/Maint)	FTD
J4ASF2W1X1-206	25mm Ammunition Loader System (ALS) GFU-23/E Craftsman (I/Maint)	FTD
J4ASF2W1X1-207	B-52 Aircraft Armament System Maintenance	FTD
J4ASF2W1X1-211	AC-130U 40mm and 105mm Gun System Craftsman (O. Maint)	FTD
J4ASF2W1X1-212	AC-130U 25mm Weapons Maintenance Craftsman (O. Maint)	FTD
J4ASF2W1X1-214	AC-130H 40mm & 105mm Armament Systems Maintenance	FTD
J4ASF2W1X1-215	B-1B Aircraft Armament Systems (Flightline) (Certification Training)	FTD
J4ASF2W1X1-217	F-15E Aircraft Armament System Maintenance (Weapons Delivery) (Flightline)	FTD
J4ASF2W1X1-219	AC-130 40mm Bofors Gun (M2A1) System (I. Maint)	FTD
J4ASF2W1X1-220	AC-130 105mm Aerial Cannon System (I. Maint)	FTD
J4ASF2W1X1-221	A-10A Weapons Maintenance (On-Equipment) Certification Training	FTD
J4ASF2W1X1-225	F-15 Weapons Maintenance (Certification Training)	FTD
J4ASF2W1X1-228	F-16C/D Aircraft Armament Systems	FTD
J4ASF2W1X1-231	F-117A Aircraft Armament System Troubleshooting	FTD
J4ASF2W1X1-232	F-16C/D Aircraft Armament System (Troubleshooting)	FTD
J4ASF2W1X1-234	B-2 Basic Soldering and Wire Repair	FTD
J4ASF2W1X1-235	MH-60G Weapons Maintenance (O/I Maint)	FTD
J4ASF2W1X1-237	AC-130 Hot Gun Response	FTD
J4ASF2W1X1-238	B-1B Aircraft Armament Maintenance Systems (Back-Shop)	FTD
J4ASF2W1X1-239	B-1B Aircraft Armament Maintenance Systems (Flightline Troubleshooting)	FTD
J4ASF2W1X1-240	AC-130U Weapons Preflight/Postflight Checks	FTD
J4ASF2W1X1-241	AC-130H Weapons Preflight/Postflight Checks	FTD
J4ASF2W1X1-242	Linkless Ammunition Loading System (LALS) (In-Shop)	FTD

J4ASF2W1X1-245	B-2 Aircraft Armament Systems Certification Training (CERT) (Flightline)	FTD
J4ASF2W1X1-246	B-2 Aircraft Armament Systems Certification Training (CERT) (Back-Shop)	FTD
J4ASF2W1X1-248	B-52H Aircraft Armament Systems Maintenance	FTD
J4ASF30000-022	Basic Soldering Techniques	FTD
J4ASF30000-110	Miniature Electronic Repair (2M)	FTD
J4ASF30000-113	Micro-Miniature Electronic Repair (2M)	FTD

2. Air Force Institute of Advanced Distance Learning (AFIADL) Courses

COURSE NUMBER	TITLE	LOCATION	USER
CDCs 2W151A & B	Aircraft Armament Systems Journeyman	AFIADL	2W131 in UGT
CDC 2W171	Aircraft Armament Systems Craftsman	AFIADL	2W151 in UGT

3. Exportable Courses

COURSE NUMBER	TITLE	LOCATION
J6ANU00066-038	Air Force TO System (General)	*
J6ANU00066-039	Air Force TO System (Advanced)	*
J6AZU00066-058	Air Force Maintenance Data Collection System (CAMS)	*
J6AZU00066-059	Core Automated Maintenance System (CAMS) (781 Automated Forms)	*
J6AZU00066-061	Core Automated Maintenance System (CAMS) Operator's Course (INTRO)	*
J6AZU00066-062	Core Automated Maintenance System (Mid-level Maintenance Manager)	*
J6AZU00066-063	Core Automated Maintenance System (Senior-level Maintenance Manager)	*

* All courses are listed in the Education and Training Course Announcements (ETCA) at: <https://hq2af.keesler.af.mil/etca.htm>

4. Courses Under Development/Revision

COURSE NUMBER	TITLE	LOCATION	USER
None			

5. Other Training/Courseware

5.1. When available at unit level, Air Force Engineering and Technical Services (AFETS) can be used for training assistance for non-loading weapons tasks such as installation and removal of Alternate Mission Equipment (AME), gun and gun system component installation/removal, slack

adjustment, troubleshooting, test equipment use, maintenance and repair. Coordinate directly with the weapons technician assigned to AFETS at your unit.

5.2. To order the Aircraft Maintenance Courseware Catalog, call DSN 777-9389/3361. This catalog contains a listing of available and future courses pertaining to various aircraft maintenance disciplines. Courses are available for additional continuation training as needed in different formats such as text, computer-based, video, and interactive courseware.

Section E - MAJCOM Unique Requirements

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

NOTE: There are currently no MAJCOM unique requirements. This area is reserved.