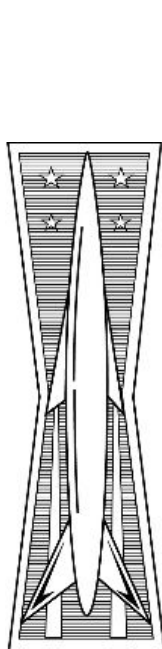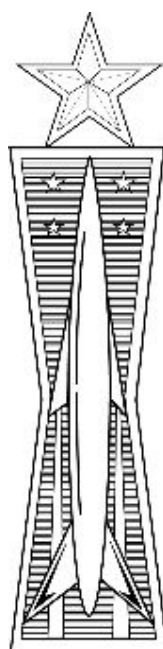# AFSC 2W1X1

AIRCRAFT ARMAMENT SYSTEMS

Basic   *Senior*   *Master*

CAREER FIELD EDUCATION AND TRAINING PLAN

ACCESSIBILITY: Publications and forms are available on the e-publishing website at: www.e-publishing.af.mil for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

SUMMARY OF CHANGES

This publication has been revised and should be reviewed in its entirety. Links and references to outside publications were updated throughout. The use of Theater Integrated Combat Munitions System was incorporated, along with updates to F-35 tasks and proficiency codes. Task requirements for obsolete airframes were removed and Task Qualification Training codes for CBRN defense qualification tasks were identified.

TABLE OF CONTENTS

PART I

PART II

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 train today's Airman for tomorrow's missions, 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 Specialty is a comprehensive education and training document that identifies life cycle education and training requirements, training support resources, and minimum core task requirements for this specialty. This CFETP was developed in accordance with DAFI 36-2670, *Total Force Development*. The CFETP will provide personnel a clear career path to success and will install rigor in all aspects of career field training. Note: Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts; supervisors plan, manage, and control training within the 2W1X1 specialty using both parts of the plan.

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 transitional training guide requirements for SSgt through MSgt.

2.2. Part II includes information for supervisors and trainers use to identify, plan, and conduct training commensurate with the overall goals of this plan. Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, TRs to support training, AETC conducted training, wartime course and core task and correspondence course requirements. Section B contains the Course Objective List (COL) 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 (QTP) which may be developed to support proficiency training. 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. At unit level, supervisors and trainers will use Part II to identify plan, and conduct training commensurate with the overall goals of this plan.

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

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 (AFJQS). A comprehensive task list, which describes a particular job type or duty position. Supervisors use the AFJQS to document task qualifications. The AFJQS tasks are common to all persons serving in the described duty position.

Air Force Learning Services Ecosystem (AFLSE). A "Platform" providing enterprise learning capability to the Total Force; powering the Continuum of Learning with best-of-breed commercial learning tools. Aggregates learning into an Airman Learning Record capability at all levels.

Airman Learner Record (ALR). A tool that captures Airman's training, education, and experiential development and competencies obtained on the job, off duty, and throughout their career.

Career Field Education and Training Plan (CFETP). A comprehensive, multipurpose document encapsulating the entire spectrum of education and training requirements 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 (AFCFMs) identify as a minimum qualification requirement within an Air Force specialty.

Course Training Standard (CTS). An AETC document that identifies training tasks and associated proficiency levels for a specific course. It serves as a contract between AETC and its customers to show enlisted supplemental or officer training requirements.

Duty Position. When used in this CFETP refers to the work center currently assigned (i.e.: weapons section, weapons standardization, 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 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.

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.

Master Task Listing (MTL). A comprehensive list of all tasks performed within a work center and consisting of the current CFETP or AFJQS and locally developed AF Forms 797 (as a minimum). Should include tasks required for deployment and/or UTC requirements.

Master Training Plan (MTP). Employs a strategy for ensuring the completion of all work center job requirements by using a Master Task Listing and provides milestones for task, CDC completion, and prioritizes deployment/UTC, home station training tasks, upgrade, and qualification tasks.

Occupational Analysis Report (OAR). 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.

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.

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

Specialty Training Requirements Team (STRT). A partnership between AFCFM, AETC TPM, MFM, and TM that determines the need and decide on objectives that will lead to better training quality through review and evaluation of training method. Thorough coordination that leads to preparation of Draft CFETP.

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

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

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

Total Force Integration (TFI). A concept for leveraging the combined human resources of the Regular, Guard, and Reserve members, plus Air Force civilian and contract employees, to provide the Air Force the best possible capabilities to meet their requirements.

Total Force Training Record (TFTR). A single source of authoritive OJT records that is extensible to meet Air Force OJT tracking requirements to be used as one source of truth.

Training Business Area (TBA). A web-based application providing real-time visibility of technical qualifications, certifications, and training status. It duplicates or replaces the functionality of the STS.

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.

Task Qualification Training (TQT). TQT in the task coumn indicates the task is a CBRN Defense Qualification Task IAW AFI 10-2501, *Emergency Management Program*. These tasks are only required for measured units that fulfil the description of a unit and have a Unit Descriptor Code (UDC) of combat, combat support or combat service support IAW AFI 38-101, *Manpower and Organization*. Units will determine the frequency of how often these tasks are assessed in order to maintain CBRN defense readiness.

Upgrade Training (UGT). Mandatory training that leads to attainment of higher level of proficiency and award of the 5-, 7-, 9-skill levels.

Utilization and Training Workshop (U&TW). A forum that is convened and chaired on a recurring basis by the AF Career Field Manager (AFCFM) along with the MAJCOM Functional Managers, AETC training personnel and Subject Matter Experts (SME). The workshop is designed to review the applicable CFETP to ensure currency, accuracy and completeness of content, to include specific formal career ladder training requirements.

Wartime Tasks. The minimum tasks that will be taught in technical training in residence during a wartime contingency. These apply <u>only</u> to in-residence 3-skill level courses taught.

Section A - General Information

1. Purpose. This CFETP provides the 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 and efficient career field training program. The plan outlines the training that individuals in this AFS should receive in order to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the AF 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. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill level. Qualification training is actual hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills and knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes—some are:

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

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

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

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

2. Uses. The plan will be used by MFMs, Wing Weapons Managers (WWMs), 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 MFMs to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs and WWMs will ensure their training programs 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 list 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. The AFCFM will initiate an annual review of this document to ensure currency and accuracy. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

4. Specialty Description.

4.1. Specialty Summary. Refer to the most current Air Force Enlisted Classification Directory (AFECD) Part I, Section II, paragraph 1 of the 2W1 career field. The AFECD can be accessed at https://mypers.af.mil/app/home. Use the option to "Search by Keyword" with "AFECD."

4.2. Duties and Responsibilities. Refer to most current AFECD Part I, Section II, paragraph 2 of the 2W1 career field.

5. Skill and Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential 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. Use table 9.2 *Enlisted Career Path* in conjunction with information below to manage career field skill progression.

5.1. Apprentice (3) Level. Individuals must successfully complete one of the following initial skills training courses to be awarded the 3-skill level: J3ABR2W131C000 (A-10),

J3ABR2W131E025 (F-15), J3ABR2W131F026 (F-16), J3ABP2W131J028 (F-35), J3ABR2W131K003 (B-52), J3ABR2W131L001 (B-1), J3ABR2W131N027 (F-22), J3ABR2W131Q051 (RPA), or J3ABR2W131Z048 (Special Missions). Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills as part of On the Job Training (OJT). They will utilize the Career Development Courses, Qualification Training, and available exportable courses for continued advancement.

5.2. Journeyman (5) Level. In order to be awarded the 5-skill level in the Aircraft Armament Systems specialty, individuals must successfully complete the 2W151A and 2W151B CDCs and all applicable 5-skill level core tasks. After award of the 5-skill level, available continuation training 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 training listed in Part II, Section D, of this CFETP. Individuals will also use their CDCs to prepare for testing under the Weighted Airman Promotion System (WAPS). In addition, they should consider continuing their education toward an associate's or higher educational degree from the Community College of the Air Force (CCAF) or other accredited institution.

5.3. Craftsman (7) Level. In order to be awarded the 7-skill level in the Aircraft Armament Systems specialty, individuals must successfully complete the 2W171 CDC and all applicable 7-skill level core tasks. After award of the 7-skill level, available continuation training 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 training listed in Part II, Section D, of this CFETP. Individuals will also use their CDCs to prepare for testing under the Weighted Airman Promotion System (WAPS). In addition, they should consider continuing their education toward an associate's or higher educational degree from the Community College of the Air Force (CCAF) or other accredited institution.

5.4. Superintendent (9) Level. In order to be awarded the 9-skill level in the Armament Systems specialty, individuals must be in the grade of SMSgt and have successfully completed the 9-skill level course, J3AAR2W191 0A1 (Not mandatory for ARC). Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Additional higher education and completion of courses outside their career AFSC are also highly encouraged.

6. Maintenance Badge and Missileman Maintenance Badge: To qualify for the Maintenance Badge and Missile Maintenance Badge, 2W1X1 personnel must meet the following criteria:

6.1. Maintenance Badge Criteria

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

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

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

6.2. Missileman Maintenance Badge Criteria

6.2.1. Basic. 2W1 personnel must be certified to load/unload guided missiles and /or perform maintenance on the aircraft / alternate mission equipment that support the guided missile systems for 12

consecutive months. Time may start anytime following the completion of technical training school in order to wear the Basic badge. Upon meeting this criteria, the members' immediate supervisor will initiate the AF Form 2096 process for approval by the unit Commander's and inclusion into the member permanent records for award.

6.2.2. **Senior.** 2W1 personnel wear the Missile Maintenance Senior badge after award of the 7-skill level with 48 months experience, cumulative from the award of 5-skill level, in direct support of guided missile loading and /or performing maintenance on aircraft / alternate mission equipment that support the guided missile systems. Upon meeting this criteria, the members' immediate supervisor will initiate the AF Form 2096 process for approval by the unit Commander's and inclusion into the member permanent records for award.

6.2.3. **Master.** 2W1 personnel wear the Missile Maintenance Master badge as a MSgt or above with 48 months cumulative from the award of 7-skill level and 60 months cumulative experience since award of the basic, in direct support of guided missile loading and /or performing maintenance on aircraft / alternate mission equipment that support the guided missile systems. Upon meeting this criteria, the members' immediate supervisor will initiate the AF Form 2096 process for approval by the unit Commander's and inclusion into the member permanent records for award.

Note: For the purpose of the AF 2096 process, the award will be listed in Block V., Remarks, of the form with the following statement "Member has met the requirements for the award of the Missile Maintenance Basic Badge / Missile Maintenance Senior Badge / Missile Maintenance Master Badge.", as applicable.

7. 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 key training decisions were made at the 2W1X1 Utilization and Training Workshop (U&TW) held at Sheppard AFB, TX, 23-26 April 2019.

7.1. Three-Level Initial Skills.

7.1.1. Fundamentals: The Fundamentals course updated to improve knowledge and /or performance training tasks on Maintenance Information System (MIS), Theater Integrated Combat Munitions System (TICMS), Aircraft Forms, Equipment Forms, Supply Discipline, and Using Measuring Equipment (Pin Protrusion Gauge, Torque Limiter, Torque Driver).

7.1.2. A-10: The A-10 course added knowledge and /or performance training on Air-to-Air and Air-to-Ground Theory of Operation, MHU-194/F MOLT tasks, reduced proficiency for Electrical Gun System Checks, reduced proficiency for Functional Checks with Analog and Digital CTS for MAU-40 Bomb Rack, and Triple Ejector Rack, Functional Check with MK-III / MK-IV Test Set and Multimeter for LAU-131 Rocket Launcher, added description and

inspection tasks Digital CTS Airmunitions training task were updated to instruct characteristics only for BDU-33 and GBU-38, and GBU-39 SDB; characteristic and performance training task on GBU-31. Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.3. B-1: The B-1 course added characteristic and /or performance training on Target Pod Pylon Theory of Operation and Launcher Module Handling Adapter. Airmunitions training task were updated to remove knowledge and /or performance training on MK-81 / 82 / 84 General Purpose Bombs and to add characteristics and performance AGM-158 (JASSM). Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.4. B-2 / B-52: The B-2 / B-52 course training on Airmunitions training task were updated to remove knowledge and /or performance training on GBU/EGBU-28, B-83, GBU-12, MK-81 / 82 / 84 General Purpose Bombs, and SUU-67 (AGM-86) and added characteristics and performance for AGM-158 (JASSM) and Flares. Lowered proficiency of MAU-12 Bomb Rack Weight Check with Proofload Tester, added knowledge of LAU-105, Launcher Loading Set (LLS) Description and Theory of Operation, Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.5. F-15: The F-15 course added characteristics and /or performance training on Air-to-Air and Air-to-Ground Theory of Operation, MHU-194/F MOLT tasks, M61A1 Drive Shaft Assembly (Remove and Install), BRU-47 Bomb Rack Description and Theory of Operation, increased proficiency for LAU-106 (Disassemble, Inspect, Assemble), removed training requirements for PAC BIT Check, added Description for Ammunition Drum / Container Support Equipment and BRU-61 Loading Adapter. Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.6. F-16: The F-16 course added training on characteristics and performance Air-to-Air and Air-to-Ground Theory of Operation, MHU-194/F MOLT tasks, LAU-129 Operational Check with SST, LAU-118 (Remove and Install), and Multiplex Bus Fault Isolator (Description). Removed tasks related to LAU-117 (Remove and Install). Airmunitions training task were updated to instruct characteristics of AGM-65, BDU-33, GBU-12, and GBU-31 (JDAM), and characteristics and performance for AGM-88 and GBU-10. All tasks were removed related to B-61. Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.7. F-22: The F-22 course added training on tasks related to Side Weapons Bay Doors (Rigging), Air-to-Air and Air-to-Ground Theory of Operation, MHU-194/F MOLT tasks, and Gun Port Door (Operate). Removed training tasks related to Ammunition Container Handling Adapter (Inspect and Operate). Airmunitions training task were updated to instruct characteristics and performance on GBU-39 (SDB) and Chaff. Added Aircraft Preparation and

Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.8. F-35: The prerequisite F-35 course at Sheppard had no changes. The F-35 course at Eglin added knowledge and /or performance training on Aircraft Safe for Maintenance Procedures, MHU-194/F MOLT tasks, ALIS Operation, 25mm Gun (Remove and Install), Container Assembly Ammunition Handling System (Remove and Install), Container Shaft (Remove and Install), Gun Drive Shaft (Remove and Install), Ammunition Loading System (Nomenclature, Theory of Operation, 25mm Bulk Loader), Left / Right Hand Weapons Bay Doors (Hydraulic Open / Close), SUU-95/A Air-to-Ground Pylon and SUU-96/A Air-to-Air Pylon (Description and Theory of Operation, Remove, and Install), LAU-147 Launcher (Checks using WATS), LAU-151 (AARL) (Description and Theory of Operation, Remove, Install, and Check using WATS), BRU-61 Bomb Rack (Description and Theory of Operation, Remove, Inspect, and Install), BRU-68 Bomb Rack (Perform SMS Weapons Switch Check), BRU-61 Loading Adapter (Description and Theory of Operation, Remove, Inspect, and Install), Ordinance Quick Latch System (Description and Theory of Operation), Forward, Center, and Aft Latches (Inspect), SMS ALIS (Air-to Air and Air-to-Ground Theory of Operation), ADU-537A/E MMLA (Description, Inspect, and Operate), EPLA (Description, Inspect, Operate, and Maintain), and Fault Reporting and Corrective Action System. Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.9. Special Missions: The Special Missions course AC-130U section added knowledge and performance training on Air-to-Ground (Theory of Operation), 40mm Breech Block (Remove and Install), removed task from Breech Ring (Remove and Install) and Loader (Remove, Inspect, and Install), The AC-130W/J section added knowledge and performance training on Air-to-Ground (Theory of Operation), 30mm Barrel (Remove and Install), 30mm Pressure Seal (Remove, Inspect, and Install), ASHS (Clean, Inspect, Repair, and Lubricate), 105mm Trainable Gun Mount (Description of Operation), MPLA (Inspect and Operate), and Lightweight Bomb Bar (Description, Inspect, and Operate). The CV-22 section removed tasks related to M240D Machine Gun, added characteristics and performance training to GAU-21 (Lubrication and Field of Fire Check), AN/ALM-288 Tester (Description, Inspect, and Maintain). The HH-60 section knowledge and performance training to Aircraft Familiarization, Aircraft Switches, controls, and Indicators, Aircraft Safety Devises and Danger Areas, Aircraft Safe for Maintenance Procedures, Apply / Remove Aircraft Electrical Power, Electronic Control Unit (Remove and Install), Gun Systems Control Panel (Remove and Install), Pintle Arm Assembly (Remove and Install), GAU-2 (Functional Check and Field of Fire Check), GAU-2 (Clean and Lubricate), lowered proficiency on Flash Suppressor (Clean, Inspect, repair, Lubricate), Gun Drive Assembly (Remove, Clean, Inspect, Repair, Lubricate, and Install), Dillon Feeder (Disassemble, Clean, Inspect, Repair, Lubricate, and Install), GAU-18 Barrel Jacket / Flash Suppressor (Remove, Clean, Inspect, Lubricate, and Install), changed proficiency of GAU-18 (Clean, Inspect, and Lubricate), and remove proficiency for Basic Post Flight Inspection for GAU-2, GAU-18, and M240D Guns. Airmunitions training task were updated to instruct characteristics of AGM-114 Hellfire, and characteristics and performance for Chaff / Flare on AC-130. Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.1.10. Remotely Piloted Aircraft (RPA): The RPA course deleted training requirements for MQ-1. The MQ-9 section added knowledge and performance training on SMS Air-to-Ground (Theory of Operation), the MHU-194/F MOLT, and F-1D Light Cart. Removed tasks related to Mini-Sorensen 28V DC Power Supply and AN/AWM-101A Tester. Airmunitions training task were updated to instruct characteristics of GBU-39 (SDB). Added Aircraft Preparation and Munitions Preparation tasks in Airmunitions section to align with Load / Unload of Airmunition training and evaluation that will be updated to provide trainees exposure and familiarization training with more instructor assistance.

7.2. Five-Level Upgrade Requirements. For the 5-level CDC tasks, added 5 level task for Integrated Combat Turns (ICTs) and Theater Integrated Combat Munitions System (TICMS) characteristics. Additional discussion between AFCFM, MFM, and CDC Writer on updating 5 level CDCs into individual volumes for specific Mission Design Series (MDS). Several other tasks had minor adjustments to the nomenclature.

7.3. Seven-Level Upgrade Requirements. For the 7-level CDC tasks, added/changed 7 level task for Munitions Maintenance Handling Equipment (MMHE), Munitions Accountability and Reconciliation Procedures, Theater Integrated Combat Munitions System (TICMS), and to change AFEMS to Defense Property Accounting System (DPAS). Additional discussion between AFCFM, MFM, and CDC Writer on updating 7 level CDCs into individual volumes for specific Mission Design Series (MDS). Several other tasks had minor adjustments to the nomenclature.

7.4. Nine-Level Upgrade Requirements. No changes were made to the 9 level course. A mentor will be in attendance of 9 level course and will provide suggestions to development which will continue external to the U&TW.

7.5. Proficiency Training. No changes were made to FTD proficiency training.

7.6. In-Resident Training Notes:

7.6.1. An airmunitions matrix will be maintained with the CFETP to annotate munition applicability for resident course training. Munitions for resident course should include those used for both knowledge and performance. Airframes training GBU-39 load / unload will teach BRU-61 preloads only. Airframes training chaff and /or flare load / unload training should only teach one type per airframe.

7.6.2. Students assigned to B-2 units will attend the B-52 (J3ABR2W131K003) course due to the small number of students requiring this training.

7.6.3. When training the LAU-128 (F-15) and the LAU-129 (F-16), the schoolhouse will cover knowledge on recycling the dampeners.

7.6.4. 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.

7.6.5. Remotely Piloted Aircraft (RPA) resident training (J3ABR2W131Q051) will cover training specific to the MQ-9.

7.6.6. Special Missions resident training (J3ABR2W131Z048) will cover training specified in the STS for AC-130J/W, HH-60, and CV-22. AFI 31-117, *Arming and Use of Force by Air Force Personnel*, should be adhered to when training the machine guns stored in vault.

7.6.7. Training on Munitions Handling Trailer tie-down procedures will cover one trailer configuration per aircraft.

7.6.8. The schoolhouse will train on the A/A49E-16 Ramp Gun Mount Assembly (RGMA) as a representative for the A/A49E-38 Ramp Mounted Weapons System (RMWS).

7.6.9. F-35 resident training at Sheppard AFB will train tasks related to MJ-1 Aerial Stores Lift Truck and Munitions Handling Trailer.

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

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

<u>Semester Hours</u>

Technical Education 24
Leadership, Management, and Military Studies 6
General Education 15
Program Elective 15
                                                                          Total: 60

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

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

8.1.3. General Education (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with the definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

8.1.4. Program Elective (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. A maximum of nine

semester hours of CCAF degree applicable technical credit otherwise not applicable to the program of enrollment may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

8.1.5. Institutional Credit Requirements (15 Semester Hours): At least 25% of the credit hours required for the degree must be earned through formal instruction delivered by CCAF schools. Therefore, to graduate, the student must have at least 15 semester hours of CCAF institutional credit earned and applied. Note: Upgrade Training (UGT), Special Duty Qualification Training (SQT), and credentialing credit is not institutional credit. Refer to the CCAF General Catalog for more information.

8.2. Professional Certifications. Certifications assist the professional development of our Airmen by broadening their knowledge and skills. Additionally, specific certifications may be award collegiate credit by CCAF and civilian colleges, saving time and Air Force tuition assistance funds. It also helps airmen to be better prepared for transition to civilian life. To learn more about professional certifications and certification programs offered by CCAF, visit https://www.airuniversity.af.edu/Barnes/CCAF/Display/Article/803252/credentialing-programs-flight/. In addition to its associate degree program, CCAF offers the following certification programs and resources:

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

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

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

- Get background information about civilian licensure and certification in general and specific information on individual credentials including eligibility requirements and resources to prepare for an exam.
- Identify licenses and certifications relevant to an AFSC.
- Learn how to fill gaps between Air Force training and experience and civilian credentialing requirements.

- Get information on funding opportunities to pay for credentialing exams and associated fees.

- Learn about resources available to Airmen that can help them gain civilian job credentials.

To learn more about AF COOL and funding processes, visit https://afvec.us.af.mil/afvec/af-cool/welcome

9. **Career Field Path.**

9.1. Location / Skill level Table. Table 9.1 listed below provides a list of possible assignments. The 3 level column lists AFSC shredouts applicable to each location and all categorizations are subject to change without notice. Active duty members interested in assignments should consult the Equals and Equals Plus listings for more detailed information.

Table 9.1

LOCATION	3 Level (AB-A1C)	5 Level (SrA)	5 Level (SSgt)	7 Level (TSgt)	7 Level (MSgt)	9 Level (SMSgt)
ABU DHABI PORT, AE						X
ANDERSEN AFB, GUAM	K	X	X	X	X	X
ATLANTIC CITY, NEW JERSEY	F	X	X	X	X	
AVIANO AB, ITALY	F, Z	X	X	X	X	X
BARKSDALE AFB, LOUISIANA	K	X	X	X	X	X
BUCHEL, GERMANY		X	X	X	X	
BUCKLEY AFB, COLORADO	F	X	X	X	X	
BURLINGTON IAP, VERMONT	J	X	X	X	X	
CANNON AFB, NEW MEXICO	Q, Z	X	X	X	X	X
CREECH AFB, NEVADA	Q	X	X	X	X	X
DAEGU AB, SOUTH KOREA				X		
DANE COUNTY, WISCONSIN	F	X	X	X	X	
DAVIS-MONTHAN AFB, ARIZONA	C, Z	X	X	X	X	X
DULUTH, MINNESOTA	F	X	X	X	X	
DYESS AFB, TEXAS	L	X	X	X	X	X
EDWARDS AFB, CALIFORNIA	F, N, J	X	X	X	X	X
EGLIN AFB, FLORIDA	E, F, J	X	X	X	X	X
EIELSON AFB, ALASKA	F, J	X	X	X	X	
ELLSWORTH AFB, SOUTH DAKOTA	L	X	X	X	X	X
ELMENDORF AFB, ALASKA	N	X	X	X	X	X
FT. BELVOIR, VIRGINIA					X	
FT. WORTH NAS, TEXAS	F	X	X	X	X	
GHEDI, ITALY		X	X	X	X	
HILL AFB, UTAH	J	X	X	X	X	X
HOLLOMAN AFB, NEW MEXICO	F, Q	X	X	X	X	X
HOMESTEAD, FLORIDA	F	X	X	X	X	
HURLBURT FIELD, FLORIDA	Z	X	X	X	X	X
JB ANDREWS, MARYLAND	F	X	X	X	X	
JB PEARL HARBOR-HICKAM, HAWAII	N	X	X	X	X	X
JOE FOSS FIELD, SOUTH DAKOTA	F	X	X	X	X	
KADENA AB, JAPAN	E, Z	X	X	X	X	X
KIRTLAND AFB, NEW MEXICO	Z	X	X	X	X	X
KLAMATH FALLS, OREGON	E	X	X			
KLEINE BROGEL, BELGIUM		X	X	X	X	
KUNSAN AB, SOUTH KOREA	F	X	X	X	X	X
JBSA-LACKLAND AFB, TEXAS			X	X		
RAF LAKENHEATH UNITED KINGDOM	E, J	X	X	X	X	X
JBLE-LANGLEY AFB, VIRGINIA	N	X	X	X	X	X
LUKE AFB, ARIZONA	F, J	X	X	X	X	X
MCENTIRE ANGB, SOUTH CAROLINA	F	X	X	X	X	

LOCATION	3 Level (AB-A1C)	5 Level (SrA)	5 Level (SSgt)	7 Level (TSgt)	7 Level (MSgt)	9 Level (SMSgt)
RAF MILDENHALL UNITED KINGDOM	Z	X	X	X	X	
MINOT AFB, NORTH DAKOTA	K	X	X	X	X	X
MISAWA AB, JAPAN	F	X	X	X	X	X
MOODY AFB, GEORGIA	C, Z	X	X	X	X	X
MONTGOMERY CITY, ALABAMA	F	X	X	X	X	
MOUNTAIN HOME AFB, IDAHO	E	X	X	X	X	X
NELLIS AFB, NEVADA	C, E, F, J, N, Z	X	X	X	X	X
OSAN AB, SOUTH KOREA	C, F	X	X	X	X	X
PETERSON AFB, COLORADO	F				X	
RAMSTEIN AB, GERMANY		X	X	X	X	X
JBSA-RANDOLPH AFB, TEXAS					X	X
ROBINS AFB, GEORGIA					X	X
SEYMOUR JOHNSON AFB, N. CAROLINA	E	X	X	X	X	X
SHAW AFB, SOUTH CAROLINA	F	X	X	X	X	X
SHEPPARD AFB, TEXAS		X	X	X	X	
SPANGDAHLEM AB, GERMANY	F	X	X	X	X	X
TYNDALL AFB, FLORIDA	N	X	X	X	X	X
VOLKEL, NETHERLANDS		X	X	X	X	
WHITEMAN AFB, MISSOURI	C, K	X	X	X	X	X
WRIGHT PATTERSON AFB, OHIO					X	
YOKOTA AB, JAPAN	Z	X	X	X	X	X

9.2. Enlisted Career Path. Table 9.2 provides information on the 2W1X1 enlisted career path.

Table 9.2

Rank	Upgrade Training	Professional Development (Note 1)	Career Ladder (Note 2)
AB, Amn, A1C	3-Level Apprentice - Complete Initials Skills Crs	- BMT - FTAC	- Weapons Load Crew Member - Armament Maintenance Member
SrA	5-Level Journeyman - 12 months OJT (Retrainee 9 months OJT) - Complete CDC - Complete Core Tasks	- Airman Leadership School - Train the Trainer	- Weapons Lead Crew Member - Weapons Load Crew Member - Armament Maintenance Member - Alternate Mission Equipment (AME) Member - Armament Support Member - Armament Tech Training Instructor - Load Monitor
SSgt	7-Level Craftsman - Minimum rank of SSgt - 12 months OJT (Retrainee 6 months OJT) - Complete CDC - Complete Core Tasks	- NCOA - EPME ILE - NCOPEC - CCAF - AF Training Course - Instructor Certification - Enlisted-to-AFIT	- Load Standardization Crew Member - Weapons Lead Crew Chief - Weapons Load Crew Chief - Armament Maintenance Supervisor - AME Supervisor - Armament Support Supervisor - Armament Tech/Field Training Instructor - WSEP Evaluator - Load Monitor - Quality Assurance Inspector

Rank	Skill Level	Professional Development	Positions
TSgt		- NCOPEC - EPME ILE - NCOA - SEJPME - Instructor Certification - Enlisted-to-AFIT	- Load Standardization Crew Chief - Weapons Lead Crew Chief - Weapons Load Crew Chief - Weapons Expeditor - Armament Maintenance Floor Supervisor - AME Supervisor - Armament Support Supervisor - Quality Assurance Inspector - Weapons Safety Manager - Armament Tech/Field Training Instructor Supervisor - WSEP Evaluator - Load Monitor
MSgt	7-Level Craftsman - Complete Advanced Aircraft Armament Course	- SNCOPEC - SNCOA - EPME ALE - SEJPME - Enlisted-to-AFIT - Contingency Wartime Planners Course - APDP Acquisition Professional Development Program	- MAJCOM Armament Sys Manager - NAF Armament Systems Manager - Inspector (IG/AFIA) - Load Standardization Crew Chief - Weapons Section Chief - Weapons Loading/Maintenance Element NCOIC - Weapons Expeditor - Armament Maintenance Section Chief - Alternate Mission Equipment (AME) Section Chief - Armament Support Section Chief - Quality Assurance Inspector - Weapons Safety Manager - Armament Tech/Field Training Flight Chief - Senior Load Monitor - WSEP Superintendent - WSEP Production Super - MMHE Weapons Project Manager - Armament CDC Writer
SMSgt	9-Level Superintendent - Complete Advanced Aircraft Armament Course	- EPME ALE - AFSO 21 Executive Smart Operations Training - Contingency Wartime Planners Course - APDP Acquisition Professional Development Program	- MAJCOM Armament Superintendent - 2W Assignments Functional Manager - Weapons Section Chief - Weapons Standardization Superintendent - Armament Flight Chief - Inspector (IG/AFIA) - Fighter Weapons Sq Superintendent (Combat Hammer/Archer)
CMSgt	Chief Enlisted Manager (CEM)	- Chief Leadership Course - AFSO 21 Executive Smart Operations Training - Contingency Wartime Planners Course APDP Acquisition Professional Development Program	- Wing Weapons Manager (Nuclear/Conventional) - MUNSS Chief Enlisted Manager - Tech Training Superintendent - Inspector (IG/AFIA) (Nuclear/Conventional) - MAJCOM Functional Manager - Career Field Manager

Note 1. This should be used as a guide to expand knowledge and increase functional skills.
Note 2. This should be used as a guide to provide supervisors and members an idea of what positions they should be striving for to gain experience as they progress through the grade and skill levels

9.3. My Vector. All personnel are encouraged to setup a My Vector profile through the Air Force Portal, (https://myvector.us.af.mil/myvector/Home). The Mentoring network allows mentees to manage their career development with the input and guidance from a mentor. Mentees will be able to, in real-time, invite participants to serve as mentors, select mentors based on preferences, chat with their mentor online, and complete a mentoring plan. Career Planning allows the user to view their duty experience through career field specific experience codes. This structure also allows the user to build career plans based on real opportunities and to share these career plans with development teams and mentors. A bullet-tracker option allows the user to track specific events and accomplishments throughout the year for performance reports. Knowledge Sharing provides discussion forums and links to resources for online books and courses that discuss mentoring benefits, the differences between coaching and mentoring and techniques for managing mentoring relationships. Use your Common Access Card to quickly setup a profile and get started.

9.4. Enlisted Development Teams. The 2W1 Enlisted Development Team (EDT) IAW DAFI 36-2670 is a development process whose goal is to develop criteria that supports career development, meet mission requirements and to provide selection of 2W1 personnel to fulfill key armament developmental positions at desired leadership levels. The main objective is to deliberately develop specific criteria for key positions that are carefully tailored towards experiences and challenges combined with education and training. The purpose is to provide the necessary authorization, tools and formal guidance to 2W1XX armament personnel; define and integrate the processes required to develop Aircraft Armament Specialists to meet current and future AF requirements; develop clear career path objectives; and develop and continue to refine educational, training and experience opportunities. 2W1XX EDT guidance can be found on the HAF Armament SharePoint:
https://usaf.dps.mil/sites/12231/2W1%20EDT%20Policy/default.aspx.

Section C - Skill Level Proficiency Requirements

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

11. Specialty Qualification Requirements. This information will be located in the official specialty description in the most current AFECD, paragraph 3.

11.1. Apprentice Level Training (3-Level):

11.1.1. Knowledge. Knowledge is mandatory of: electricity; principles of physics, mechanics, electronics, and ballistics applying to munitions launch, release, suspension, fusing, and arming systems, and aircraft gun systems; use of precision measuring tools and equipment; interpreting schematics and wiring diagrams; concepts and application of maintenance directives; nuclear and nonnuclear munitions loading and safety procedures; and proper handling, use, and disposal of hazardous waste and materials.

11.1.2. Education. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory. Also, completion of courses in mechanics or basic electronics is desirable.

11.1.3. Training. Completion of a suffix specific basic aircraft armament systems course is mandatory for award of the 3 level Armament AFSC.

11.1.4. Experience. No previous experience required. Fundamental process of gaining experience through exposure to AFSC.

1.1.5. Other. For entry into this specialty, completion of high school or General Education Development equivalency is mandatory. Also, completion of courses in mechanics or basic electronics is desirable. For entry, award, and retention of these AFSCs trainees must have the following: normal color vision as defined in DAFMAN 48-123, *Medical Examination and Standards*; minimum score of 60 Mechanical or 45 Electrical on their AFQT; no record of chronic emotional instability; and normal depth perception as defined in AFI 48-123. For award and retention into this specialty, trainees must have the following: maintain an AF Network License according to DAFMAN 17-1301, *Computer Security (COMPUSEC)*; complete a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFMAN 16-1405, *Air Force Security Program*, is mandatory. Must also possess a valid state driver's license within one year after AFSC award to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground Transportation*.

Note*:* Award of the 3-skill level without a completed NACLC is authorized provided an interim Secret security clearance has been granted according to AFMAN 16-1405.

11.1.6. Training Sources and Resources. Formal AETC initial skills courses provide the required knowledge and task proficiency training for award of the 3-skill level.

11.1.7. Implementation. The 3-skill level is awarded upon successful completion of any one of the suffix specific aircraft armament systems apprentice courses. For a list of available technical training courses, reference Part II Section D.

11.2. Journeyman Level Training (5-Level):

11.2.1. Knowledge. In addition to the knowledge gained at the Apprentice level, the Armament Journeyman should have further knowledge in the areas of logistics maintenance, technical orders (TOs), forms, supply system, aircraft armament system operations, maintenance and aircraft suspension equipment, and armament system explosive operations.
11.2.2. Education. There are no formal education requirements for upgrade to 2W151.

11.2.3. Training. Completion of the 2W151A and 2W151B CDC and completion of the core tasks specified in the STS is mandatory for award of the 5-skill level.

11.2.4. Experience. Qualification in and possession of AFSC 2W131 with appropriate shred is required. Also, experience loading and unloading munitions; or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems, and explosive operations.

11.2.5. Other. See paragraph 11.1.5.

11.2.6. Training Sources and Resources. Qualification training and OJT will provide additional training and qualification on the core tasks identified in the STS. CDCs are Air

Force publications and are mandatory for use during upgrade/qualification training when available.

11.2.7. Implementation. Entry into upgrade training is initiated after an individual is awarded the 3-skill level. The individual is then enrolled in CDC 2W151A or 2W151B. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform. The 5-skill level is awarded to individuals who complete 12 months of UGT (9 months for retrainees), qualification on all STS 5-level core tasks identified for the assigned duty position, and completes both 2W151A and 2W151B CDCs.

11.3. Craftsman Level Training (7-Level):

11.3.1. Knowledge. In addition to the knowledge gained at the Apprentice and Journeyman level, the Armament Craftsman should have further knowledge in the areas of explosive safety, AFOSH, environmental protection, expediter, maintenance and inspection systems, TOs, forms, supply system, troubleshooting, and wire / cable repair.

11.3.2. Education. There are no formal education requirements for upgrade to 2W171.

11.3.3. Training. Completion of the 2W171 CDC and completion of the core tasks specified in the STS is mandatory for award of the 7-skill level.

11.3.4. Experience. Qualification in and possession of AFSC 2W151. Also, experience performing or supervising functions such as loading and unloading munitions, or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems, and explosive operations.

11.3.5. Other. See paragraph 11.1.5.

11.3.6. Training Sources and Resources. Seven level upgrade training will be conducted by certified trainers using applicable core tasks, the 2W171 CDC, and supplemental Field Training Detachment (FTD) courses as applicable.

11.3.7. Implementation. Entry into upgrade training is initiated on the first day of the promotion cycle an individual is selected for promotion to SSgt. The individual is then enrolled in CDC 2W171. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform. The 7-skill level is awarded to individuals who complete 12 months of UGT, obtain qualification on all STS 7-level core tasks identified for the assigned duty position, completes the 2W171 CDC, and attains the minimum grade of SSgt.

11.4. Superintendent Level Training (9-Level):

11.4.1. Knowledge. The Armament Superintendent should have advanced knowledge and skills on all aspects of the armament career field.

11.4.2. Education. There are no formal education requirements for upgrade to 2W191.

11.4.3. Training. Completion of the Advanced Aircraft Armament Systems Course is mandatory prerequisite for award of the 9-skill level. (Not mandatory for ARC.)

11.4.4. Experience. Qualification in and possession of AFSC 2W171. Also, experience managing and controlling functions such as loading and unloading munitions, or maintaining, repairing, and modifying munitions launch, release, suspension, or aircraft gun systems, and explosive operations.

11.4.5. Other. See paragraph 11.1.5.

11.4.6. Training Sources and Resources. Completion of the Advanced Armament Systems course (J3AAR2W191 0A1A) satisfies the knowledge and training requirements for the award of the 9-skill level.

11.4.7. Implementation. The 9-level will be awarded upon promotion to SMSgt and completion of the 9-level course.

Section D - Resource Constraints

12. 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, OPR, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

13. Apprentice Level Training. There were 10 courses that were tasked during the U&TW to develop training that require resources in order to support requests.

13.1. A-10: The A-10 course was tasked to develop training on MHU-194/F MOLT tasks, GBU-31 (JDAM) and GBU-39 (SDB).

13.2. B-1: The B-1 course was tasked to develop training on AGM-158 (JASSM).

13.3. B-2 / B-52: The B-2/B-52 course was tasked to develop training on AGM-158 (JASSM) and Flares.

13.4. F-15: The F-15 course was tasked to develop training on MHU-194/F MOLT tasks.

13.5. F-16: The F-16 course was tasked to develop training on MHU-194/F MOLT tasks, AGM-88, GBU-10, and GBU-31.

13.6. F-22: The F-22 course was tasked to develop new training on MHU-194/F MOLT tasks, GBU-39 (SDB), and Chaff.

13.7. F-35: The F-35 course was tasked to develop training on MHU-194/F MOLT tasks, 25mm Ammunition, AIM-9 series, GBU-38 (JDAM), and GBU-49.

13.8. Special Missions: The Special Missions course tasked to develop new training on AGM-114 Hellfire, Chaff / Flare, AN/ALM-288 Tester, and tasks related to 30mm Gun.

13.9. RPA: The RPA course was tasked to develop new training for MHU-194/F MOLT tasks and GBU-49.

13.10. Fundamentals: The Fundamentals course was tasked to develop training TICMS and in increase instruction related to Explosive Safety.

14. Journeyman Level Training. No resource constraints identified.

15. Craftsman Level Training. No resource constraints identified.

16. Advance Aircraft Armament Systems Training. Not having a Mentor for the 9 level course is a constraint.

Section E - Transitional Training Guide

Note: There is currently no transition training requirements. This area is reserved.

Part II

Section A – Specialty Training Standard (STS)

17. Implementation. This STS will be used for technical training provided by Air Education and Training Command (AETC) for classes beginning 4 October 2019.

18. Purpose. As prescribed in DAFI 36-2670, this STS:

18.1. Column 1-2 (Task Number, Task Knowledge and Technical Reference) lists the most common tasks, knowledge, and Technical References necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level. Number task statements sequentially i.e., 1.1, 1.2, and 2.1 Column 2 (Core Tasks) identifies, by asterisk (*), specialty-wide training requirements.

18.2. Column 3 (Core Tasks) identifies specialty-wide minimum core task training requirements for award of 2W151 and 2W171 skill level. Core tasks may be further identified with a "B" to indicate backshop only core task or an "F" to indicate flightline only core task. Core tasks that are not applicable to base assigned aircraft or equipment are not required for upgrade.

18.3. Columns 4-6 (Course Proficiency Codes) shows formal training and correspondence course requirements. It indicates the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge provided by the corresponding course. Note: When two codes are used, 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 resource constraints.

18.4. Qualitative Requirements. Attachment 1 contains the CFETP Proficiency Code Key used to indicate the level of training provided by resident training and Career Development Course (CDC).

19. Documentation. Document training IAW DAFI 36-2670, *Total Force Development,* Chapter 4, AFI 36-2650, and the current Training Information System. Supervisors, trainers, and trainees must ensure all training documentation is contained within an Airman's Individual Training Plan (ITP).

20. Job Qualification Standard (JQS). The STS becomes a JQS for OJT training when placed in AF Form 623, *Individual Training Record*, and used according to DAFI 36-2670. For OJT, the tasks in

column 1 are trained and qualified to the go / no go level. "Go" means the individual can perform the task without assistance and meets the local requirements for accuracy, timeliness, and correct procedures.

21. Specialty Knowledge Tests (SKT). Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). SKTs are developed at the AETC Airman Advancement Division, by Senior Noncommissioned Officers (SNCOs) with extensive practical experience in their career fields. SKTs are developed by subject matter experts who authenticate WAPS material and reference AF Specialty-specific occupational analysis data. Questions are based upon study references listed in the Enlisted Promotions References and Requirements Catalog. Individual responsibilities are in Chapter 2 of AFMAN 36-2664, *Personnel Assessment Program*. WAPS is not applicable to the ANG/AFRC.

22. Recommendations. Report inadequacies and suggested corrections to this STS through channels to the AETC 2W1X1 Training Manager at 363d TRS/TRR, DSN: 736-1828 or DSN: 736-8777 referencing specific STS paragraphs. Supervisors and trainees will use the Customer Service Line (DSN: 736-4147) or email 82TRG.CSIL@us.af.mil to report training deficiencies identified during initial evaluation.

Section B – Course Objective List

23. Introduction: Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task.

   23.1. Measurement: Each objective uses one of the following measurement codes: W indicates task or subject knowledge which is measured using a written test; PC indicates required task performance which is measured with a performance progress check; PC/W indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

   23.2. Standard: The standard is a minimum of 70% on written examinations with the exception of 80% for 9 level course. Standards for performance measurement are indicated in the objective and delineated on the individual progress checklist. Instructor assistance is provided as needed during the progress checks, and students may be required to repeat all or part of the behavior until satisfactory performance is attained.

   23.3. Proficiency Level: The course objective list will provide the STS task(s) that is supported by each objective. Review column 4 of the STS to determine the proficiency level of any particular task. Then review the Qualitative Requirements table in Attachment 1 table for an explanation of the various proficiency levels.

24. Course Objectives: A detailed listing of formal training objectives may be obtained by submitting a request to the AETC 2W1X1 Training Manager, 363d TRS/TRR, 520 Missile Road, Stop 244, Sheppard AFB TX 76311-2261, DSN: 736-1828 or DSN: 736-8777.

Section C - Support Material

Note: There are currently no support materials. This area is reserved.

Section D - Training Course Index

25. Purpose. This section of the CFETP identifies training courses available for the specialty.

26. Air Force In-Residence Courses.

26.1. Technical Training. Course summary information can be found on the Education and Training Course Announcements (ETCA) website is under the following link; https://cs2.eis.af.mil/sites/app10-ETCA/SitePages/Home.aspx.

Table 26.1

COURSE NUMBER	TITLE	LOCATION
J3ABR2W131C000	Aircraft Armament Systems Apprentice (A-10)	Sheppard
J3ABR2W131E025	Aircraft Armament Systems Apprentice (F-15)	Sheppard
J3ABR2W131F026	Aircraft Armament Systems Apprentice (F-16)	Sheppard
J3AQR2W131J028	Aircraft Armament Systems Apprentice (F-35)	Sheppard
J3ABP2W131J028	Aircraft Armament Systems Apprentice (F-35)	Eglin
J3ABR2W131K003	Aircraft Armament Systems Apprentice (B-52)	Sheppard
J3ABR2W131L001	Aircraft Armament Systems Apprentice (B-1)	Sheppard
J3ABR2W131N027	Aircraft Armament Systems Apprentice (F-22)	Sheppard
J3ABR2W131Q051	Aircraft Armament Systems Apprentice (RPA)	Sheppard
J3ABR2W131Z048	Aircraft Armament Systems Apprentice (Special Missions)	Sheppard
J3AAR2W191 0A1	Advanced Aircraft Armament Systems	Sheppard

26.2. Field Training. Course summary information and specific locations for the following field training (FT) courses can be found on the Education and Training Course Announcements website https://cs2.eis.af.mil/sites/app10-ETCA/SitePages/Home.aspx.

Table 26.2

A/C	COURSE NUMBER	TITLE
A-10	J4AMP2W1X1 A00A	A-10 Aircraft Armament Systems Craftsman (ALA Maintenance)
A-10	J4AMP2W1X1 B00C	A-10 Weapons Maintenance (Off-Equipment)
A-10	J4AMP2W1X1 E00A	A-10 Aircraft Weapons Systems (On Equipment)
B-1	J4AMP2W1X1 A01B	B-1B Aircraft Armament System Maintenance (Flightline)
B-1	J4AMP2W1X1 B01A	B-1B Aircraft Armament Systems (Backshop)
B-1	J4AMP2W1X1 C01B	B -1B Aircraft Armament Systems (Flightline Troubleshooting)
B-1	J4AMP2W1X1 D01B	B-1B Armament Systems (Maintenance)
B-2	J4AMP2W1X1 B02B	B-2 Aircraft Armament Systems Certification Training (Flightline)
B-2	J4AMP2W1X1 C02C	B-2 Aircraft Armament Systems Certification Training (Backshop)
B-52	J4AMP2W1X1 A03B	B-52H Aircraft Armament System Maintenance
B-52	J4AMP2W1X1 C03A	B-52H Aircraft Armament System Maintenance (Backshop)
C-130	J4AMP2W1X1 C17A	25mm Ammunition Loader System (ALS) GFU-23/E Craftsman (I/M)
C-130	J4AMP2W1X1 R17A	AC-130 MAU-40/A Bomb rack Maintenance (O/M)
CV-22	J4AMP2W1X1 A21C	CV-22 Osprey Armament Systems Craftsman (O/I Maintenance)
F-15	J4AMP2W1X1 A25B	F-15E Aircraft Armament Maintenance (Weapons Delivery) (In Shop)
F-15	J4AMP2W1X1 B25A	F-15E Aircraft Gun System Maintenance (In Shop)
F-15	J4AMP2W1X1 C25A	F-15E Aircraft Gun System Maintenance (Flightline)
F-15	J4AMP2W1X1 D25A	F-15 A-D Weapons Maintenance (Gun System) (In Shop)

F-15	J4AMP2W1X1 E25A	F-15 Weapons Maint. (Programmable Armament Control Set) (PACS)
F-15	J4AMP2W1X1 F25A	F-15E Aircraft Armament Sys Maint (Weapons Delivery) (Flightline)
F-15	J4AMP2W1X1 G25A	F-15 Weapons Maintenance
F-15	J4AMP2W1X1 H25A	F-15 A-D Weapons Maintenance (Suspension Equipment) (In Shop)
F-15	J4AMP2W1X1 I25A	F-15 A-E Aircraft Armament Maint (Weapons Delivery) (In Shop)
F-15	J4AMP2W1X1 K25A	F-15E PACS/Advanced Armament Troubleshooting (FL)
F-15	J4AMP2W1X1 M25A	F-15A-E Aircraft Gun System Maintenance (Drum)(In Shop)
F-15	J4AMP2W1X1 N25A	F-15A-E Aircraft Gun System Maintenance (Container)(In Shop)
F-16	J4AMP2W1X1 A26A	F-16 M61A1 20mm Gun System (IM)
F-16	J4AMP2W1X1 B26A	F-16 Armament System Gun Boresight
F-16	J4AMP2W1X1 C26A	F-16 Armament Maintenance (AME)
F-16	J4AMP2W1X1 D26A	LAU-118(V)4/A Launcher (I/M)
F-16	J4AMP2W1X1 E26A	F-16 C/D Aircraft Armament Systems
F-16	J4AMP2W1X1 G26A	F-16 Aircraft Armament System Mx - BRU-57 Smart Bomb Rack
F-16	J4AMP2W1X1 H26A	F-16 C/D CCIP Aircraft Armament System (Advance Troubleshooting)
F-16	J4AMP2W1X1 J26A	F-16 C/D Aircraft Armament System Troubleshooting
F-16	J4AMP2W1X1 K26A	F-16 Combined Weapons Armament Maintenance (AME)
F-22	J4AMP2W1X1 A27B	F-22 Armament Weapons Bay Door System and Suspension Mx
F-22	J4AMP2W1X1 B27A	F-22 Armament M61A2 Gun System (20mm) (Flightline)
F-22	J4AMP2W1X1 C27A	F-22 Armament Stores Management System (SMS)
F-22	J4AMP2W1X1 D27A	F-22 Aircraft Armament Maintenance (Weapons Delivery) (In Shop)
F-22	J4AMP2W1X1 E27A	F-22 M61A2 20mm Gun System (I/M)
F-22	J4AMP30000 B27C	F-22 Integrated Maintenance Information System (IMIS)
F-35	J4AMP2W1X1 M28A	F-35 Weapons Interim Transition Training
F-35	J4AMP30000 O28B	F-35 ALIS Familiarization Transition Training
HH-60	J4AMP2W1X1 A30C	MH-60G Weapons Maintenance (O/I Level)
MQ-9	J4AMP2W1X1 A51A	MQ-9 Weapons System
	J4AMP2W1X1 A48A	Armament System (20mm UALS) Intermediate Maintenance (I/M)
	J4AMP2W1X1 B48A	Armament System (20mm LALS) Intermediate Maintenance (I/M)
	J4AMP2W1X1 C48A	Armament System (BRU-61/A) Intermediate Maintenance (I/M)
	J4AMP30000 A48A	Advanced Wire Maintenance
	J4AMP30000 C48A	Basic Soldering Techniques
	3J5ACC2W0X1 000	ACC Weapons Safety Program Management
	L3AZR2W071 0C2A	Weapons Safety Management
	J4AMP2W1X1 C48A	BRU-61 Course (Armament/Flightline)

27. Extension Course Programs: The Career Development Courses (CDCs) listed below are available from the Air Force Career Development Academy (AFCDA): https://usaf.dps.mil/sites/13243/default.aspx.

Table 27.1

COURSE NUMBER	TITLE	OPR	USER
CDC A/B2W151	Aircraft Armament Systems Journeyman	363d TRS	2W131 in UGT
CDC Z2W171	Aircraft Armament Systems Craftsman	363d TRS	2W151 in UGT

28. Exportable Courses. Additional multimedia training products covering a wide range of topics can be found at https://367trss.hill.af.mil.

Section E - MAJCOM Unique Requirements

29. Per AFI 36-2650, a MAJCOM mandatory course list (MMCL) based on each mission design series (MDS) aircraft is available from the following websites:

Table 29.1

Air Combat Command (ACC)	https://usaf.dps.mil/sites/ACC-A4/A4P/APMT/Current%20MCL/Forms/AllItems.aspx
Air Force Global Strike Command (AFGSC)	AFGSC Maintenance Training - AFGSC Mandatory Course Listing (MCL) - All Documents (dps.mil)
Air Force Special Operations Command (AFSOC)	No SharePoint, AFSOC Training Managers manage courses.
Pacific Air Forces (PACAF)	https://usaf.dps.mil/sites/pacafa4/a4mm/SitePages/Maintenance-Training.aspx

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL   WARREN D. BERRY, Lt Gen, USAF
                                           DCS/Logistics, Engineering and Force Protection

Attachment:
2W1X1 STS

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. (Competent)
	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)

Explanations:
*   A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)
** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.
-   The dash is used alone instead of a scale value to show that no proficiency training is provided.
/   The slash is used with proficiency codes to show training required but not given due to limitations in resources. (ex. 2b/b, 3c/-, etc.)

Task Qualification Training (TQT): TQT in the task coumn indicates the task is a CBRN Defense Qualification Task IAW AFI 10-2501, *Emergency Management Program*. These tasks are only required for measured units that fulfil the description of a unit and have a Unit Descriptor Code (UDC) of combat, combat support or combat service support IAW AFI 38-101, *Manpower and Organization*. Units will determine the frequency of how often these tasks are assessed in order to maintain CBRN defense readiness.

Note: All tasks and knowledge items shown with a proficiency code are trained during wartime.

Attachment 1

AIRMUNITIONS MATRIX

The X denotes munitions chosen for characteristics training and load/unload training in the specified resident course.   The * denotes munitions chosen for characteristics training only. The F denotes munitions forecasted for future training but are not currently trained.

J3ABR2W131	C	E	F	N	J	L	K	K	Z	Z	Z	Q
	A-10	F-15	F-16	F-22	F-35	B-1	B-2	B-52	C-130	CV-22	H-60	MQ-9
Ammunition	X	X	X	X	X	-	-	-	*	*	*	-
AGM-65	X	-	*	-	-	-	-	-	-	-	-	-
AGM-86	-	-	-	-	-	-	-	*	-	-	-	-
AGM-88	-	-	X	-	-	-	-	-	-	-	-	-
AGM-114 Hellfire	-	-	-	-	-	-	-	-	*F	-	-	X
AGM-158 (JASSM)	-	*	-	-	-	X	*	X	-	-	-	-
AGM-176	-	-	-	-	-	-	-	-	*	-	-	-
AIM-9L/M/AIM-9X	X	X	X	X	X	-	-	-	-	-	-	-
AIM-120	-	X	X	X	X	-	-	-	-	-	-	-
ALE-50	-	-	*	-	-	*	-	-	-	-	-	-
B-61	-	*	-	-	-	-	*	-	-	-	-	-
B-83	-	-	-	-	-	-	*	-	-	-	-	-
BDU-33	*	-	*	-	-	-	-	-	-	-	-	-
CBU-87/89	*	*	-	-	-	-	-	-	-	-	-	-
CBU-103/104/105/107	*	-	*	-	-	*	-	*	-	-	-	-
GBU-10	*	-	X	-	-	-	-	-	-	-	-	-
GBU-12	X	X	*	-	X	-	-	-	-	-	-	X
GBU/EGBU-28	-	-	-	-	-	-	-	-	-	-	-	-
GBU-31 (JDAM)	X	X	*	-	X	X	*	X	-	-	-	-
GBU-32 (JDAM)	-	-	-	X	-	-	-	-	-	-	-	-
GBU-38 (JDAM)	*	*	X	-	*	X	*	X	-	-	-	X
GBU-39 (SDB)	*F	X	X	X	X	-	-	-	X	-	-	*F
GBU-49	-	-	-	-	X	-	-	-	-	-	-	*F
GBU-53 (SDB II)	-	*	-	-	-	-	-	-	-	-	-	-
GBU-54 (LJDAM)	*	*	*	-	*	*	-	*	-	-	-	-
GBU-57 (MOP)	-	-	-	-	-	-	*	-	-	-	-	-
MK-81/82/84	-	-	-	-	-	-	-	-	-	-	-	-
Naval Mines	-	-	-	-	-	*	-	*	-	-	-	-
Rocket (2.75")	X	-	*	-	-	-	-	-	-	-	-	-
SUU-25	*	-	-	-	-	-	-	-	-	-	-	-
ADM-160B (MALD)	-	-	*	-	-	-	-	*	-	-	-	-
Impulse cartridges	X	X	X	X	-	X	*	X	-	-	-	-
Chaff	X	X	X	X	-	X	-	-	X	*	*	-
Flares	X	X	X	X	X	X	-	X	X	*	*	-

26

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
1	AIRCRAFT ARMAMENT SYSTEM CAREER FIELD XX Jun 2022				
1.1	Progression in the 2W1X1 Career Field		B	B	-
1.2	Duties of AFSC 2W1X1		B	B	-
1.3	Relationship to Air Force Commands and Missions		B	B	B
2	2W1X1 GENERAL REQUIREMENTS – Ref: DAFIs 21-101, 36-2502, 2W1X1 CFETP, AF Enlisted Classification Directory				
2.1	MUNITIONS ENTERPRISE				
2.1.1	Conventional – Ref: AFPD 21-2, DAFIs 10-401, 21-101, DAFMAN 21-200, DESR 6055.09_AFMAN 91-201, TTP		-	A	-
2.1.2	Nuclear – Ref: AFDP 3-72, AFI 10-201, 63-125, 91-102, AFMAN 21-204, 91-221; DAFI 91-101, 91-111, 91-112		-	A	-
2.1.3	Nuclear Surety Program – Ref: DAFI 91-101, DoDM 5210.42_AFMAN 13-501				
2.1.3.1	Personnel Reliability Program (PRP)				
2.1.3.1.1	Principles		A	B	-
2.1.3.1.2	Personal Responsibilities		A	B	-
2.1.3.1.3	Types of PRP		A	B	-
2.1.3.2	Tamper Control and Detection Program – Ref: DAFI 91-101				
2.1.3.2.1	Principles		A	B	-
2.1.3.2.2	Two Person Concept (TPC)		A	B	-
2.1.3.2.3	Principles of No-Lone Zone		A	B	-
2.1.3.3	Weapons System Safety Rules (WSSR) – Ref: DAFIs 91-101, 91-111, 91-112				
2.1.3.3.1	Principles		A	B	-
2.1.3.3.2	Personal Responsibilities		A	B	-
2.1.3.3.3	Types of Faults		A	B	-
2.1.3.4	Nuclear Certified Equipment (NCE) – Ref: DAFI 91-101, MNCL, AFI 63-125				
2.1.3.4.1	Principles of NCE Program	5	A	B	-
2.1.3.4.2	Verify NCE using the MNCL	5	A	B	-
2.1.3.5	Accident, Incident, and Deficiency Reporting – Ref: AFMAN 91-221, DAFI 91-204, TO 00-35D-54				
2.1.3.5.1	Principles		A	B	-
2.1.3.5.2	Types of Reports		A	B	-
2.1.3.5.3	Process Dull Sword		-	-	-
2.2	SECURITY - Ref: AFI 10-701, 31-Series, 91-Series, DoD 5200.1, DoDM 5210.42, DoDM 4160.21V1-4				
2.2.1	Resources Security				
2.2.1.1	Facilities		-	B	-
2.2.1.2	Munitions		B	B	-
2.2.1.3	Equipment and Supplies		-	B	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.2.1.4	Firearms		-	B	-
2.2.1.5	Demilitarization Requirements		-	-	B
2.2.2	Armory Procedures – Ref: AFMANs 31-101V1; 31-117; DoDM 5100.76_AFMAN31-101V2, 5100.2-R, OIs, LCLs				
2.2.2.1	Open / Close		-	-	-
2.2.2.2	Alarm Test		-	-	-
2.2.2.3	Duress System		-	-	-
2.2.2.4	Inventory Procedures		-	-	-
2.2.2.5	Weapons Loading / Clearing Procedures		-	-	-
2.2.3	Aircraft Weapons Security/Deployed Weapons Security – Ref: AFMANs 31-101V1, 31-117, DoDM 4160-21, DoDM 5100.76_AFMAN31-101V2, OIs, LCLs				
2.2.3.1	Risk Categories		-	-	-
2.2.3.2	Protection		-	-	-
2.2.3.3	Weapons Movement		-	-	-
2.2.3.4	Storage Requirement		-	-	-
2.2.4	Communications Security (COMSEC) – Ref: AFMAN 17-1302-O				
2.2.4.1	Classification of Information		-	-	-
2.2.4.2	Prevention of Security Violations		-	-	-
2.2.4.3	Security Precautions Involved in Communications		-	-	-
2.2.5	Operational Security (OPSEC) – Ref: AFI 10-701		-	-	-
2.2.5.1	Specific OPSEC Vulnerabilities of AFSC 2W1X1		B	B	
2.2.6	Computer Security (COMPUSEC)		-	-	-
2.2.7	Air Force Cybersecurity Program Management – Ref: AFI 17-130		-	-	-
2.2.7.1	Cyber-Security		B	B	-
2.3	EXPLOSIVE SAFETY – Ref: TOs 00-25-172, 11A-1-33, AFI 91-202, AFMAN 91-221, DESR 6055.09_DAFMAN 91-201; DAFI 91-101, 91-204				
2.3.1	Hazards		B	B	B
2.3.2	Weapons Safety		B	B	B
2.3.3	Net Explosive Weight and Site Plans		-	-	B
2.3.4	Site Licensing Process		-	-	A
2.3.5	Quantity-Distance (Q-D)		-	-	B
2.3.6	Handling of Explosive Loaded Aircraft	5	B	B	-
2.3.7	Accident, Incident, Deficiency and Mishap Reports		-	-	B
2.4	USAF Mishap Prevention Program – Ref: TOs 00-25-172, 11A-1-33, 31-1-141-1, AFIs 32-2001, 90-821, AFMAN 32-7003, Applicable AFOSH Stds: 91-Series, Installation Restoration Program Management Guidance Handbook				
2.4.1	AFOSH				
2.4.1.1	Hazards of AFSC 2W1X1		B	B	-

28

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.4.1.2	AFOSH Standards for AFSC 2W1X1		-	A	B
2.4.1.3	Safety Practices Applicable to AFSC 2W1X1		B	B	B
2.4.1.4	FOD Prevention		B	B	-
2.4.2	Environmental Protection				
2.4.2.1	Federal Hazard Communication Training Program		-	-	-
2.4.2.2	Hazards and Toxic Waste Management				
2.4.2.2.1	Functions and Responsibilities		-	B	-
2.4.2.2.2	Sources and Characteristics		-	B	-
2.4.2.2.3	Identification / Disposal		-	B	-
2.4.2.2.4	Hazardous Materials / Waste		-	B	-
2.5	SUPERVISION – Ref: TO 00-20-1, 35D-1-2, 35D-2-2, DAFI 21-101, 36-2670; DAFMAN 21-201, AFI 21-103, 91-Series, Applicable MDS-1 Flight Manual				
2.5.1	Orient New Personnel		-	-	-
2.5.2	Assign Personnel to Positions		-	-	-
2.5.3	Work Assignments and Priorities		-	-	A
2.5.4	Work Assignments		-	-	A
2.5.5	Total Force Integration		-	-	B
2.5.6	Munitions Maintenance Handling Equipment (MMHE)		-	-	B
2.5.7	Emergency Action Procedures	7	-	-	-
2.5.8	Establish				
2.5.8.1	Work Methods		-	-	-
2.5.8.2	Work Controls		-	-	-
2.5.8.3	Performance Standards		-	-	-
2.5.9	Perform Self-Inspections		-	-	-
2.5.10	Inspections / Evaluations Programs		-	-	-
2.5.11	Expediter				
2.5.11.1	Flightline Communications Requirements	7F	-	-	B
2.5.11.2	Flightline Maintenance Requirements	7F	-	-	B
2.5.11.3	Flightline Loading Operations Requirements	7F	-	-	B
2.5.11.4	Proficiency Loading and Weapons Load Training	7F	-	-	-
2.5.11.5	Aircraft Configuration	7F	-	A	B
2.5.11.6	Aircraft Related Status Codes	7F	-	-	B
2.5.11.7	Aircraft Status Determination by the Mission Essential Subsystems Listing (MESL) / Minimum Essential Function List (MEFL)	7F	-	-	B
2.5.11.8	Aircraft Impoundment and Release	7F	-	-	B
2.5.11.9	Flying Schedules	7F	-	-	B
2.5.11.10	Munitions Accountability and Reconciliation Procedures	7F	-	-	B
2.5.11.11	Cannibalization Procedures	7F	-	-	B
2.6	TRAINING–Ref: AFMAN 36-2100, DAFI 36-2670, AFI 36-2650				
2.6.1	Plan and Supervise OJT				
2.6.1.1	Prepare Job Qualification Standards		-	-	-

29

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.6.1.2	Conduct Training		-	-	-
2.6.1.3	Counsel Trainees on their Progress		-	-	-
2.6.1.4	Monitor Effectiveness of Training				
2.6.1.4.1	Career Knowledge Upgrade		-	-	-
2.6.1.4.2	Job Proficiency Upgrade		-	-	-
2.6.1.4.3	Qualification		-	-	-
2.6.2	Maintain Training Records	7	-	-	B
2.6.3	Evaluate Effectiveness of Training Program		-	-	B
2.6.4	Recommend Personnel for Training		-	-	-
2.6.5	Manage CDCs Progression		-	-	B
2.7	LOGISTICS MAINTENANCE – Ref: TO 00-20-Series, DAFI 21-101, AFI 38-101, AFCSM 21-Series				
2.7.1	Basic Functions within the Maintenance Complex		A	B	-
2.7.2	Maintenance Concepts		A	-	-
2.7.3	Maintenance Data Collection		A	B	-
2.7.4	Processing and Controlling of Parts		A	B	-
2.7.5	Management of Training		A	A	B
2.7.6	OPLAN / Employment Planning		-	-	B
2.7.7	Mobility Deployment Pallet / ISU Build-Up		-	-	B
2.7.8	DD Form 1348-1A		-	-	B
2.7.9	Generation Flow Planning		-	-	B
2.7.10	Nonnuclear Consumable Annual Analysis (NCAA) and Wartime Consumable Distribution Objective (WCDO)		-	-	B
2.7.11	War Mobilization Plans		-	-	B
2.8	MAINTENANCE AND INSPECTION – Ref: TOs 00-20-Series, 00-35D-54, DAFI 21-101, AFCSM 21-Series				
2.8.1	Maintenance Systems		A	B	B
2.8.2	Inspection Systems		A	B	B
2.8.3	Report of Discrepancy (ROD) / Supply Discrepancy Report (SDR)		-	-	B
2.8.4	Deficiency Reporting				
2.8.4.1	System Description		A	-	B
2.8.4.2	Process Deficiency Reports	7	-	-	B
2.8.4.3	Deficiency Report Criterion		-	B	B
2.8.5	Corrosion Control – Ref: TO 1-1-691				
2.8.5.1	Identification		B	-	-
2.8.5.2	Procedures		-	B	-
2.8.6	Maintenance Information System (MIS)				
2.8.6.1	Characteristics		B	B	B
2.8.6.2	Create / Schedule Job	5	2b	-	-
2.8.6.3	Open / Close Job	5	2b	-	-
2.8.6.4	Run Maintenance Screen Inquiry	5	2b	-	-
2.8.6.5	Run Maintenance Supervisory Screen	7	-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.8.6.6	Review Automated Histories	7	-	-	-
2.8.6.7	Use and Interpret Management Database Products	7	-	-	-
2.8.7	Theater Integrated Combat Munitions Systems (TICMS) – Ref: DAFMAN 21-201; User's Guide				
2.8.7.1	Characteristics		B	B	B
2.8.7.2	Use TICMS	7	2b	-	-
2.9	TECHNICAL ORDERS (TOs) – Ref: TOs 00-5-1, 00-5-15, AFI 63-101_20-101, JTD				
2.9.1	Characteristics		B	B	-
2.9.2	Locate Desired Information	5	2b	B	-
2.9.3	Use Technical Orders when Performing Maintenance and Inspections	5	2b	B	-
2.9.4	Technical Order Files		A	B	-
2.9.5	TO Improvement Program		B	B	B
2.9.6	TO / TCTO / TCTD Management		-	-	B
2.10	MAINTENANCE AND EQUIPMENT FORMS - Ref: TOs 00-20-1, 00-20-2, 00-20-3, AFI 23-101, AFMAN 23-122, AFH 23-123V1, SOI 1505.07, 1505.17, IMDS, IMIS, ALIS				
2.10.1	Aircraft Forms				
2.10.1.1.	Characteristics		B	B	B
2.10.1.2.	Complete AFTO Form 781A	5	2b	-	-
2.10.1.3.	Complete AFTO Form 781H	5	2b	-	-
2.10.1.4.	Complete AFTO Form 781K	5	2b	-	-
2.10.2	Equipment Forms – Ref: TO 00-20-1				
2.10.2.1	Characteristics		A	B	B
2.10.2.2	Use AFTO Forms 244 / 245	5	2b	-	-
2.10.3	Historical Records (AFTO Form 95 / Automated 95 / Electronic Equipment Log (EEL))	7	A	B	B
2.10.4	Maintenance Data Collection Forms				
2.10.4.1	Characteristics		A	-	-
2.10.4.2	Complete AFTO Form 350	5	2b	-	-
2.10.4.3	Use AF Form 2430 or Equivalent	7	-	A	B
2.10.4.4	Use AF Form 2434 or Equivalent	7	-	-	B
2.10.5	Condition Tags				
2.10.5.1	Characteristics		A	B	B
2.10.5.2	Use DD Form 1574	5	-	-	-
2.10.5.3	Use DD Form 1575	5	-	-	-
2.10.5.4	Use DD Form 1576	5	-	-	-
2.10.5.5	Use DD Form 1577 / 1577-1	5	-	-	-
2.10.5.6	Use DD Form 1577-2 / 1577-3	5	-	-	-
2.11	SUPPLY SYSTEM – Ref: TO 35-1-24, DAFI 21-101; AFI 21-103, 23-101, AFMAN 23-122, AFH 23-123V1; 21-2XX Series, DoDI 5000.64_DAFI23-111				
2.11.1	Base Supply				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.11.1.1	Supply Discipline		A	B	B
2.11.1.2	Issue Procedures		-	B	B
2.11.1.3	Turn-In Procedures		-	B	B
2.11.1.4	DIFM Procedures		-	B	B
2.11.1.5	SPRAM		-	B	B
2.11.1.6	Readiness Spares Packages (RSP)		-	-	B
2.11.1.7	Stock Fund		-	-	B
2.11.1.8	AFTO Form 375		-	-	B
2.11.1.9	Defense Logistics Agency (DLA)		-	-	B
2.11.1.10	Defense Property Accountability System (DPAS)		-	-	B
2.11.1.11	Allowance Standards (AS)		-	-	B
2.11.2	Munitions Supply				
2.11.2.1	Munitions Issue		-	A	B
2.11.2.2	Munitions Turn-In		-	A	B
2.11.2.3	Munitions Forecasting		-	-	B
2.11.2.4	Items of Special Interest Reporting		-	-	B
2.12	EQUIPMENT AND TOOLS – Ref: TOs 32B14-3-1-101, 1-1A-8, 32-1-101, DAFI 21-101, Applicable Equipment TOs				
2.12.1	Use Composite Tool Kit (CTK)	5	2b	-	-
2.12.2	Use Measuring Equipment				
2.12.2.1	Thickness Gauge		2b	-	-
2.12.2.2	Micrometer		2b	-	-
2.12.2.3	Depth Gauge		-	-	-
2.12.2.4	Pin Protrusion Gauge		2b	-	-
2.12.2.5	Torque Wrench / Limiter / Driver–Ref: TO 33K6-4 Series	5	2b	-	-
2.12.3	Selection and Use				
2.12.3.1	Common Hand Tools		2b	-	-
2.12.3.2	Bench Grinders		-	-	-
2.12.3.3	Pneumatic Power Tools		-	-	-
2.12.3.4	Electric Power Tools		-	-	-
2.12.3.5	Degreasers / Vat		-	-	-
2.12.3.6	Industrial Overhead Hoist		-	-	-
2.12.3.7	Bead Blaster		-	-	-
2.12.3.8	Aircraft Slings – Ref: TO 35D6-1-106		-	-	-
2.13	STRUCTURAL HARDWARE – Ref: TOs 00-25-234, 1-1A-8, 1-1A-14, 1-1A-15				
2.13.1	Select and Use	5	2b	-	-
2.13.2	Use Safety Wiring Techniques	5	2b	-	-
2.13.3	Use Safety Cable		-	-	-
2.14	GENERAL AIRCRAFT FUNDAMENTALS				
2.14.1	Principles of Armament System Operation – Ref: TOs 1A-10C-2-1-1, 1B-1B-2-94GS-00-1, 1B-2A-2-94GS-00-1, 1B-2A-2-94GS-00-2, 1B-52H-2-31GA-Series, 1B-52H-2-38GA-Series, 1B-52H-33-2-1, 1B-52H-33-2-2, 1C-				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
	130(A)H-2-94JG Series, 1F-15()-2-94GS-Series, 1F-16-2-94GS-00-1, 1H-60(H)G-2-1, 1Q-1-1, 1Q-9-1, IMIS, ALIS				
2.14.1.1	Bombing		-	B	-
2.14.1.2	Missile		-	B	-
2.14.1.3	Jettison		-	B	-
2.14.1.4	Chaff / Flare		-	B	-
2.14.1.5	Gun / Handling System – Ref: TOs 1A-10C-2-94JG-6, 1F-15()-2-94JG-50-1, 1F-16()-2-94JG-50-1, 11W1-7-15-2, 11W1-7-16-2, 11W1-17-2, 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, 11W1-15-18-1, 11W1-33-1-102, 11W1-33-6-2, 11W1-33-7-2, 11W2-5-2-62, NAVAIR 11-95M240D1-1, 11W1-12-15-2, ALIS				
2.14.1.5.1	Electrical		-	B	-
2.14.1.5.2	Mechanical		-	B	-
2.14.1.5.3	Theory of Operation		-	B	-
2.14.2	Aircraft Armament Systems Maintenance – Ref: TOs 1A-10C-2-94JG-Series, 1B-1B-2-94JG-Series, 1B-2A-2-94JG-Series, 1B-52H-2-31JG-Series, 1B-52H-2-38JG-Series, 1C-130A(U)-2-94JG Series, 1C-130(A)H-2-94JG Series, 1F-15()-2-94JG-Series, 1F-16()-2-10JG-Series, 1H-60(H)G-112, 1Q-1(M)B-2-94JG Series, 1Q-9(M)A-2-94JG Series, 11W1-13-6-2, 11W1-33-7-2, ALIS, IMIS				
2.14.2.1	Aircraft Safe-for-Maintenance Procedures – Ref: TOs 1A-10C-2-1-1, 1A-10C-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(), 1C-130H-2-05JG-00-1, 1C-130(M)H-2-05JF-00-1, 1F-15()-2-05JG-00-1, 1F-16()-2-10JG-00-1, 1Q-1(M)B-2-05JG-00-1, 1Q-9(M)A-2-05JG-00-1, ALIS, IMIS		-	B	-
2.14.2.2	Operational / Functional Testing – Ref: TOs 1A-10C-2-94JG-7, 1B-2A-2-94JG Series, 1B-2A-16, 1B-2A-16CL-1, 1B-2A-33-2-1, 1B-2A-33-2-1CL-2, 1C-130(A)H-2-94JG-70-1, 1C-130(A)H-2-94JG-70-2, 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 Series, ALIS, IMIS		-	B	-
2.14.2.3	Test Equipment		-	B	-
2.14.2.4	Troubleshooting and Fault Isolation – Ref: TOs 1A-10C-2-40TS-9, 1B-1B-94GS-00-1, 1B-52H-2-31GA-1, 1B-52H-2-38GA-1, 1B-2A-2-94GS-00-1, 1B-2A-2-94GS-00-2, 1C-130(A)U-94FI-50-1, 1C-130(A)H-2-94FI Series, 1F-15()-2-94FI-00-Series, 1F-16()-2-94FI-00-1, ALIS, IMIS		-	B	-
2.14.2.5	Gun Safing and Clearing		-	B	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.14.2.6	Gun System Boresighting – Ref: TOs 1C-130(A)H-2-94JG Series, 1C-130(A)U-2-94JG Series, 1F-15()-2-94JG-73-1, 1F-16()-2-94JG-50-3, 1H-60(H)G-112, 11W1-15-18-1, ALIS, IMIS		-	B	-
2.14.3	Aircraft Suspension Equipment – Ref: TO 11B29-3-8-3, 11B29-3-21-2, 11B29-3- 22-2, 11B29-3-25-2, 11B29-3-25-7, 11B29-3-28-1, 11B29-3-28-2, 11B29-3-28-7, 11B29-3-35-2, 11B29-3-39-2, 11B29-3-40-2, 11B29-3-52-2, 11B29-3-53-7-1, 11B29-3- 55-1, 11B29-3-56-11, 11B29-3-60-2, 11B29-3-61-2, 11B29-3-62-2, 11B29-3-62-2-1, 11B29-3-65-2, 11B29-3-66-1, 11B29-3-70-1, 11B38-2-5-1, 11B40-2-4-3, 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, 11L1-3-27-1, 11L1-3-28-2, 11L1-3-29-2, 11L1-3-30-1, 11LA8-7-3, 11LA8-9-2, 11L1-8-13-1, 11N-L5002-2, 11N-L5006-1, 11N-L5006-2, 11N-H5086-2, 11N-H5088-2, ALIS, IMIS				
2.14.3.1	Nomenclature and Function of Parts		-	B	-
2.14.3.2	Principles of Operations		-	B	-
2.14.4	Aerospace Ground Equipment (AGE)				
2.14.4.1	Characteristics		-	B	-
2.14.4.2	Accessories		-	B	-
2.14.5	Airmunitions				
2.14.5.1	Characteristics		-	B	-
2.14.5.2	Weapons Loading Principles – Ref: TOs 1X-XX-33-X-X, 1X-XX-16, 11A-1-63, ALIS, IMIS		-	B	-
2.14.5.3	Concurrent Servicing Operations (CSOs) / Dual Loading Operations (DLOs) – Ref: TOs 1X-XX-33-X-X, 1X-XX-16, 00-25-172, DAFI 21-101, ALIS, IMIS		-	B	-
2.14.5.4	Integrated Combat Turns (ICTs)		-	A	-
2.15	ELECTRONIC FUNDAMENTALS – Ref: TOs 00-25-234, 1-1A-14, 31-1-141 Series				
2.15.1	Basic Terms				
2.15.1.1	Metric Notation		-	-	-
2.15.1.2	DC Terms		B	B	-
2.15.1.3	AC Terms		B	B	-
2.15.2	Basic Circuits				
2.15.2.1	Theory of Operation		B	B	-
2.15.2.2	Troubleshoot Circuits		2b	B	-
2.15.3	Basic Circuits Calculations				
2.15.3.1	DC		-	-	-
2.15.3.2	AC		-	-	-
2.15.4	Resistors				
2.15.4.1	Theory of Operation		B	B	-
2.15.4.2	Isolate Faulty Resistors		2b	-	-

34

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.15.4.3	Color Code		A	-	-
2.15.5	Relays / Solenoids				
2.15.5.1	Theory of Operation		B	B	-
2.15.5.2	Isolate Faulty Relays		2b	-	-
2.15.6	Inductors				
2.15.6.1	Theory of Operation		-	-	-
2.15.6.2	Isolate Faulty Inductors		-	-	-
2.15.6.3	Calculations		-	-	-
2.15.7	Capacitors				
2.15.7.1	Theory of Operations		-	-	-
2.15.7.2	Isolate Faulty Capacitors		-	-	-
2.15.7.3	Calculations		-	-	-
2.15.7.4	Color Code		-	-	-
2.15.8	Transformers				
2.15.8.1	Theory of Operations		B	-	-
2.15.8.2	Isolate Faulty Transformers		-	-	-
2.15.8.3	Calculations		-	-	-
2.15.9	Solid State Diodes				
2.15.9.1	Theory of Operation		B	-	-
2.15.9.2	Isolate Faulty Solid State Diodes		-	-	-
2.15.9.3	Specifications		-	-	-
2.15.9.4	Color Code		-	-	-
2.15.10	Bipolar Junction Transistors				
2.15.10.1	Theory of Operation		-	-	-
2.15.10.2	Isolate Faulty Transistors		-	-	-
2.15.10.3	Specifications		-	-	-
2.15.11	Integrated Circuits				
2.15.11.1	Familiarization		-	-	-
2.15.11.2	Isolate Faulty Integrated Circuits		-	-	-
2.15.11.3	Specifications		-	-	-
2.15.12	Solder / Desolder – Ref: TO 00-25-259				
2.15.12.1	Soldering Safety Standards and Principles		-	-	-
2.15.12.2	Terminal Connections		-	-	-
2.15.12.3	PC Boards		-	-	-
2.15.12.4	Multipin Connectors		-	-	-
2.15.12.5	Advanced Soldering Techniques		-	-	-
2.15.13	Wire and Cable				
2.15.13.1	Characteristics		B	-	B
2.15.13.2	Connectors				
2.15.13.2.1	Characteristics		B	B	B
2.15.13.2.2	Replacement Procedures		B	B	-
2.15.13.2.3	Replace Rear-End Connector		-	-	-
2.15.13.2.4	Replace RF Connector		-	-	-

35

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.15.13.2.5	Replace Coaxial Cable Connector		2b	-	-
2.15.13.2.6	Replace Triaxial Cable Connector		-	-	-
2.15.13.3	Solderless Connectors				
2.15.13.3.1	Assemble / Disassemble Coaxial		-	-	-
2.15.13.3.2	Assemble / Disassemble Multipin		-	-	-
2.15.13.4	Wire and Cable Repair				
2.15.13.4.1	Chafing Awareness / Prevention		B	B	-
2.15.13.4.2	Preparation		B	B	-
2.15.13.4.3	Flat Cable Repair		-	-	-
2.15.13.4.4	Wire Bundle Repair		2b	-	-
2.15.13.4.5	MIL-STD-1760 Cable Repair				
2.15.13.4.5.1	Characteristics		-	B	-
2.15.13.4.5.2	Assemble Multiple Component Pin		-	-	-
2.15.13.4.5.3	Splice Braided Shield		-	B	-
2.15.14	Use Test Equipment				
2.15.14.1	Oscilloscope		-	-	-
2.15.14.2	Frequency Counter		-	-	-
2.15.14.3	Multimeter, Digital	5	2b	B	-
2.15.15	Support Subjects				
2.15.15.1	Electrical Safety		B	B	B
2.15.15.2	First Aid for Electrical Shock		A	B	-
2.15.15.3	Electrostatic Sensitive Devices (ESD)		A	B	B
2.15.16	Principles of Troubleshooting – Ref: TOs 00-25-234, 1-1A-14, 31-1-141 Series, ALIS, IMIS				
2.15.16.1	Troubleshooting Technical Data		-	-	B
2.15.16.2	Schematic Symbols / Wiring Diagrams		-	B	-
2.15.16.3	Troubleshoot Electrical Circuit Malfunctions		-	-	-
2.15.16.4	Isolate Electrical Circuit Malfunction using Test Equipment		-	-	-
2.16	Aerospace Ground Equipment – Ref: TOs 1-1A-15, 11LA8-13-3, 11N-H5015A-2, 11N-H5083-2, 11N-H5083-2-1, 11N-H5089-2, 1B-1B-2-94GS-00-1, 1B-1B-2-94JG-30-3, 1B-52H-16, 1B-52H-2-38JG-1, 1F-15A-4-6, 33A2-2-27-11, 33A2-2-30-111, 33D3-2-26-1, 33D3-2-27-11, 33D3-2-27-6WC-1, 34E-10-33-1, 34Y1-87-11, 35A4-2-60-1, 35C2-3-304-1, 35D3-11-36WC-2, 35D3-2-27-6WC-2, 35D3-9-29-A, 35D5-3-8-41, 35E-10-34-1, 35E9-11-71, 35E9-90-11, 35E9-90-41, 35E9-90-41, 35F5-5-11-1, 35F5-5-11-22, 35F5-5-11-31, 35F5-5-15-1, 35F5-5-16-1, 35F5-5-20-1, 35W3-6-22-1				
2.16.1	MJ-1 Aerial Stores Lift Truck – Ref: TO 35D3-2-25-1 – A-10, B-52, F-15, F-16, F-22, F-35(SAFB), MQ-9				
2.16.1.1	Description		A	-	-
2.16.1.2	Inspect		2b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.16.1.3	Operate		2b	-	-
2.16.1.4	Drive		2b	-	-
2.16.2	MHU-83 Munitions Handling / Loading Lift Truck – Ref: TO 35D5-3-8-31 – A-10, B-1, B-2, B-52, F-15, F-16, AC-130 J				
2.16.2.1	Description		A	-	-
2.16.2.2	Inspect		2b	-	-
2.16.2.3	Operate		2b	-	-
2.16.2.4	Drive		2b	-	-
2.16.3	Ram Assembly – B-1, B-2				
2.16.3.1	Description		A	-	-
2.16.3.2	Inspect Ram		1b	-	-
2.16.3.3	Install Ram		-	-	-
2.16.3.4	Remove Ram		-	-	-
2.16.4	MHU-114/E				
2.16.4.1	Description		-	-	-
2.16.4.2	Inspect		-	-	-
2.16.4.3	Maintain		-	-	-
2.16.4.4	Use		-	-	-
2.16.5	MHU-194/F MOLT, Low Profile – Ref: TO 35D3-9-23-11 – A-10, F-15, F-16, F-22, F-35, MQ-9				
2.16.5.1	Description		A	-	-
2.16.5.2	Inspect		1b	-	-
2.16.5.3	Operate		1b	-	-
2.16.5.4	Drive		1b	-	-
2.16.6	Munitions Handling Trailers – Ref: TO 11-1-38, 11N-B1004-1, 35D3-2-26-1, 35D3-2-27-1, 35D3-2-27-11, 35D3-2-27-21, 35D3-2-27-6WC-1 – A-10, B-1, B-2, B-52, F-15, F-16, F-22, F-35(SAFB), AC-130J, MQ-9				
2.16.6.1	Description		A	-	-
2.16.6.2	Inspect		1b	-	-
2.16.6.3	Load / Unload		1b	-	-
2.16.6.4	Tie-Down Procedures		1b	-	-
2.16.7	Utility Trailer – Ref: TO 36A11-18-3-1, 36-A11-18-3-4 – A-10, B-1, B-2, B-52				
2.16.7.1	Description		-	-	-
2.16.7.2	Inspect		-	-	-
2.16.7.3	Maintain		-	-	-
2.16.7.4	Operate		-	-	-
2.16.8	MHU-196/M Trailer – Ref: TO 35D3-29-3-1 - B-1, B-52				
2.16.8.1	Description		A	-	-
2.16.8.2	Inspect		2b	-	-
2.16.8.3	Operate		2b	-	-
2.16.8.4	Mate / Demate		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.16.9	MHU-204/M Trailer – Ref: TOs 11N-H5083-1, 11N-H5083-1CL-1 – B-2, B-52				
2.16.9.1	Description		A	-	-
2.16.9.2	Inspect		-	-	-
2.16.9.3	Operate		-	-	-
2.16.9.4	Perform Mate / Demate Procedures		-	-	-
2.16.10	Split Deck Maintenance Platform – B-1				
2.16.10.1	Description		A	-	-
2.16.10.2	Inspect		2b	-	-
2.16.10.3	Operate		2b	-	-
2.16.11	TR-1 Floodlight Set				
2.16.11.1	Description		-	-	-
2.16.11.2	Inspect		-	-	-
2.16.11.3	Operate		-	-	-
2.16.12	FL-1D Floodlight Set – MQ-9				
2.16.12.1	Description		A	-	-
2.16.12.2	Inspect		1b	-	-
2.16.12.3	Operate		1b	-	-
2.16.13	NF-2 Floodlight Set				
2.16.13.1	Description		-	-	-
2.16.13.2	Inspect		-	-	-
2.16.13.3	Operate		-	-	-
2.16.14	A/M32A-60 Generator Set – Ref: TOs 35C2-3-372-1, 35C2-3-372-11, 35C2-3-372-14 - F-15, F-16				
2.16.14.1	Description		A	-	-
2.16.14.2	Inspect		2b	-	-
2.16.14.3	Operate		2b	-	-
2.16.15	A/M32C-10 Air Conditioner – F-15, F-16				
2.16.15.1	Description		A	-	-
2.16.15.2	Inspect		2b	-	-
2.16.15.3	Operate		2b	-	-
2.16.16	A/M32A-86 Generator Set – Ref: TOs 35C2-3-469-2, 35C2-3-469-11, 35C2-3-469-12, 35C2-3-469-14 – A-10, B-1, B-2, B-52, F-22, AC-130J, CV-22, HH-60				
2.16.16.1	Description		A	-	-
2.16.16.2	Inspect		2b	-	-
2.16.16.3	Operate		2b	-	-
2.16.17	A/M32A-95 Gas Turbine Compressor – Ref: TO 35D12-2-14-1 – B-2, B-52				
2.16.17.1	Description		A	-	-
2.16.17.2	Inspect		2b	-	-
2.16.17.3	Operate		2b	-	-
2.16.18	B809A-72W Generator Essex Cart – Ref: TOs 35C2-3-510-1, 35C2-3-510-11 – B-1, B-52				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.16.18.1	Description		A	-	-
2.16.18.2	Inspect		-	-	-
2.16.18.3	Operate		-	-	-
2.16.19	MA-3(D) Air Conditioning Unit – B-1, B-52				
2.16.19.1	Description		A	-	-
2.16.19.2	Inspect		b	-	-
2.16.19.3	Operate		-	-	-
2.16.20	Hydraulic Test Stand				
2.16.20.1	Description		-	-	-
2.16.20.2	Inspect		-	-	-
2.16.20.3	Operate		-	-	-
2.16.21	MXU-690/E Cooling Control Unit				
2.16.21.1	Description		-	-	-
2.16.21.2	Inspect		-	-	-
2.16.21.3	Operate		-	-	-
2.16.21.4	Maintain		-	-	-
2.16.22	Air Flow Cooling Monitor				
2.16.22.1	Description		-	-	-
2.16.22.2	Inspect		-	-	-
2.16.22.3	Maintain		-	-	-
2.16.23	PD-501D Trailer Mounted Air Conditioner – Ref: TO 35E9-290-1				
2.16.23.1	Description		-	-	-
2.16.23.2	Inspect		-	-	-
2.16.23.3	Operate		-	-	-
2.16.24	Trailer Mounted Air Conditioner – Ref: TO 35E9-323-1				
2.16.24.1	Description		-	-	-
2.16.24.2	Inspect		-	-	-
2.16.24.3	Operate		-	-	-
2.16.25	MC-2A Air Compressor – Ref: TO 34Y1-87-61				
2.16.25.1	Description		-	-	-
2.16.25.2	Inspect		-	-	-
2.16.25.3	Operate		-	-	-
2.16.26	Self-Generating Nitrogen Cart – Ref: TO 35D29-7-6-1 – B-52, F-22, MQ-9				
2.16.26.1	Description		A	-	-
2.16.26.2	Inspect		2b	-	-
2.16.26.3	Operate		2b	-	-
2.16.27	Polyalphaolefin (PAO) Cooling System – F-22				
2.16.27.1	Description		A	-	-
2.16.27.2	Inspect		-	-	-
2.16.27.3	Operate		-	-	-
2.16.28	A/M27T-12 Hydraulic Test Stand (Mule)				

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
2.16.28.1	Description		-	-	-
2.16.28.2	Inspect		-	-	-
2.16.28.3	Operate		-	-	-
2.16.29	Multi Aircraft Canopy (MAC) Crane – Ref: TO 35D4-4-59-1 – F-22				
2.16.29.1	Description		A	-	-
2.16.29.2	Inspect		2b	-	-
2.16.29.3	Operate		2b	-	-
2.16.30	Portable Floor Crane – F-35(EGLIN)				
2.16.30.1	Description		A	-	-
2.16.30.2	Inspect		2b	-	-
2.16.30.3	Operate		2b	-	-
2.16.31	Component Handling Jack				
2.16.31.1	Description		-	-	-
2.16.31.2	Inspect		-	-	-
2.16.31.3	Operate		-	-	-
2.16.32	Portable Rotary Compressor				
2.16.32.1	Description		-	-	-
2.16.32.2	Inspect		-	-	-
2.16.32.3	Operate		-	-	-
2.16.33	Portable Hydraulic Power Supply Cart				
2.16.33.1	Description		-	-	-
2.16.33.2	Inspect		-	-	-
2.16.33.3	Operate		-	-	-
2.16.34	Combined Generator Conditioned Air Cart (CGCAC) – F-35(EGLIN)				
2.16.34.1	Description		A	-	-
2.16.34.2	Inspect		-	-	-
2.16.34.3	Operate		-	-	-
2.16.35	Boresight Equipment				
2.16.35.1	Description		-	-	-
2.16.35.2	Inspect		-	-	-
2.16.35.3	Operate		-	-	-
2.16.36	H-1 Heater – Ref: TO 35E7-2-11 –				
2.16.36.1	Description		-	-	-
2.16.36.2	Inspect		-	-	-
2.16.36.3	Operate		-	-	-
2.16.37	10K Air Conditioning Unit (THOR Cart) – Ref: TO 35E9-332-1 – F-15				
2.16.37.1	Description		-	-	-
2.16.37.2	Inspect		-	-	-
2.16.37.3	Operate		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3	A-10 AIRCRAFT				
3.1	Aircraft – Ref: TOs 1A-10C-2-1-1, 1A-10C-2-71JG-2 1A-10C-33-1-2,1A-10C-40TS-9, DESR 6055.09_AFMAN 91-201				
3.1.1	Aircraft Familiarization		A	-	-
3.1.2	Aircraft Safety Devices		B	-	-
3.1.3	Aircraft Danger Areas		B	-	-
3.1.4	Aircraft Switches, Controls, and Indicators		B	-	-
3.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	3b	-	-
3.1.6	Operate Auxiliary Power Unit (APU)		-	-	-
3.1.7	Apply / Remove External Electrical Power		1b	-	-
3.1.8	Stores Management System (SMS) – Ref: TOs 1A-10C-34-1-1, 1A-10C-2-40TS-9				
3.1.8.1	Air to Air Theory of Operation	5	A	-	-
3.1.8.2	Air to Ground Theory of Operation	5	A	-	-
3.2	Gun System – Ref: TOs 1A-10C-2-1-1, 1A-10C-2-94JG-6, 1A-10C-2-94JG-7, 1A-10C-2-94JG-8, 1A-10C-2-94TS-2, 1A-10C-23, 1A-10C-33-1-2, 1A-10C-2-40TS-2, 11W1-12-10-2, 11W1-7-14-2, 11W1-28-8-2, 33D5-12-212-1				
3.2.1	Nomenclature		A	-	-
3.2.2	Function of Parts		A	-	-
3.2.3	Theory of Operation		A	-	-
3.2.4	Gun System Stoppages (Jam)	7	A	-	-
3.2.5	Perform Gun Safing and Clearing	5F	2b	-	-
3.2.6	Perform Gun System Checks				
3.2.6.1	Operational		1b	-	-
3.2.6.2	Functional		1b	-	-
3.2.6.3	Electrical		b	-	-
3.2.7	Gun System Compartment				
3.2.7.1	Clean		-	-	-
3.2.7.2	Inspect		-	-	-
3.2.8	Gun Support Equipment				
3.2.8.1	Inspect		-	-	-
3.2.8.2	Use		-	-	-
3.2.8.3	Maintain		-	-	-
3.2.9	GAU-8/A Gun				
3.2.9.1	Nomenclature		B	-	-
3.2.9.2	Function of Parts		B	-	-
3.2.9.3	Theory of Operation		B	-	-
3.2.9.4	Remove		1b	-	-
3.2.9.5	Disassemble		1b	-	-
3.2.9.6	Inspect		1b	-	-
3.2.9.7	Repair		-	-	-
3.2.9.8	Assemble		1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.2.9.9	Install		1b	-	-
3.2.10	Ammunition Drum Assembly				
3.2.10.1	Remove		1b	-	-
3.2.10.2	Disassemble		1b	-	-
3.2.10.3	Inspect		1b	-	-
3.2.10.4	Repair		-	-	-
3.2.10.5	Assemble		1b	-	-
3.2.10.6	Install		1b	-	-
3.2.11	Conveyor Assembly				
3.2.11.1	Remove		1b	-	-
3.2.11.2	Disassemble		-	-	-
3.2.11.3	Inspect		-	-	-
3.2.11.4	Repair		-	-	-
3.2.11.5	Assemble		-	-	-
3.2.11.6	Install		1b	-	-
3.2.12	Gun Barrels				
3.2.12.1	Remove		-	-	-
3.2.12.2	Inspect		-	-	-
3.2.12.3	Install		-	-	-
3.2.13	Hydraulic Drive Assembly				
3.2.13.1	Remove		1b	-	-
3.2.13.2	Disassemble		-	-	-
3.2.13.3	Inspect		-	-	-
3.2.13.4	Repair		-	-	-
3.2.13.5	Assemble		-	-	-
3.2.13.6	Install		1b	-	-
3.2.14	Entrance / Exit Unit				
3.2.14.1	Remove		1b	-	-
3.2.14.2	Disassemble		-	-	-
3.2.14.3	Inspect		1b	-	-
3.2.14.4	Repair		-	-	-
3.2.14.5	Assemble		-	-	-
3.2.14.6	Install		1b	-	-
3.2.15	Turnaround / Transfer Unit				
3.2.15.1	Remove		1b	-	-
3.2.15.2	Disassemble		-	-	-
3.2.15.3	Inspect		1b	-	-
3.2.15.4	Repair		-	-	-
3.2.15.5	Assemble		-	-	-
3.2.15.6	Install		1b	-	-
3.2.16	Access Unit				
3.2.16.1	Remove		1b	-	-
3.2.16.2	Disassemble		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.2.16.3	Inspect		-	-	-
3.2.16.4	Repair		-	-	-
3.2.16.5	Assemble		-	-	-
3.2.16.6	Install		1b	-	-
3.2.17	Tension Equalizer				
3.2.17.1	Remove		1b	-	-
3.2.17.2	Disassemble		-	-	-
3.2.17.3	Inspect		-	-	-
3.2.17.4	Repair		-	-	-
3.2.17.5	Assemble		-	-	-
3.2.17.6	Install		1b	-	-
3.2.18	Guide Bar Checking Fixture				
3.2.18.1	Inspect		-	-	-
3.2.18.2	Operate		-	-	-
3.2.19	Transfer / Turnaround Checking Fixture				
3.2.19.1	Inspect		-	-	-
3.2.19.2	Operate		-	-	-
3.2.20	Entrance / Exit Unit Checking Fixture				
3.2.20.1	Inspect		-	-	-
3.2.20.2	Operate		-	-	-
3.2.21	Conveyor Element Checking Fixture				
3.2.21.1	Inspect		-	-	-
3.2.21.2	Operate		-	-	-
3.3	Ammunition Loading Assembly (ALA) – Ref: TOs 35DA15-7-3, 35D30-4-12-2				
3.3.1	Nomenclature		A	-	-
3.3.2	Function of Parts		A	-	-
3.3.3	Cycle of Operation		A	-	-
3.3.4	Disassemble		-	-	-
3.3.5	Inspect		1b	-	-
3.3.6	Assemble		-	-	-
3.3.7	Maintain		-	-	-
3.3.8	Use		1b	-	-
3.4	Auxiliary Drive Assembly				
3.4.1	Nomenclature		-	-	-
3.4.2	Theory Of Operation		-	-	-
3.4.3	Inspect		-	-	-
3.4.4	Maintain		-	-	-
3.4.5	Use		-	-	-
3.5	Stores Suspension Equipment – Ref: TOs 1A-10C-2-94JG Series, 1A-10C-6, 1A-10C-33-1-2 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,				

43

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
	16W6-28-22, 16W6-28-32, 16W6-28-42, 16W6-28-52, 35D-1-281				
3.5.1	Pylons				
3.5.1.1	Description and Theory of Operation		A	-	-
3.5.1.2	Remove		1b	-	-
3.5.1.3	Disassemble		-	-	-
3.5.1.4	Inspect		-	-	-
3.5.1.5	Repair		-	-	-
3.5.1.6	Assemble		-	-	-
3.5.1.7	Install		1b	-	-
3.5.2	MAU-40 Bomb Rack				
3.5.2.1	Description and Theory of Operation		A	-	-
3.5.2.2	Remove		-	-	-
3.5.2.3	Disassemble	5B	2b	-	-
3.5.2.4	Inspect	5B	2b	-	-
3.5.2.5	Repair		-	-	-
3.5.2.6	Assemble	5B	2b	-	-
3.5.2.7	Install		-	-	-
3.5.2.8	Perform Functional Check with Analog Preload Circuit Test Set (PN 160D998560-1)		1b	-	-
3.5.2.9	Perform Functional Check with Digital Preload Circuit Test Set (PN A10998560-1)		1b	-	-
3.5.2.10	Perform Bench Check with MAU-12 / 40 / 50 Test Set		2b	-	-
3.5.2.11	Perform Weight Check with Proofload Tester		1b	-	-
3.5.3	MAU-50 Bomb Rack				
3.5.3.1	Description and Theory of Operation		A	-	-
3.5.3.2	Remove		2b	-	-
3.5.3.3	Disassemble		-	-	-
3.5.3.4	Inspect		-	-	-
3.5.3.5	Repair		-	-	-
3.5.3.6	Assemble		-	-	-
3.5.3.7	Install		2b	-	-
3.5.3.8	Perform Functional Check with Analog Preload Circuit Test Set		-	-	-
3.5.3.9	Perform Functional Check with Digital Preload Circuit Test Set		-	-	-
3.5.3.10	Perform Bench Check with MAU-12 / 40 / 50 Test Set		-	-	-
3.5.3.11	Perform Weight Check with Proofload Tester		-	-	-
3.5.4	LAU-88 Missile Launcher				
3.5.4.1	Description and Theory of Operation		-	-	-
3.5.4.2	Remove		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.5.4.3	Disassemble		-	-	-
3.5.4.4	Inspect		-	-	-
3.5.4.5	Repair		-	-	-
3.5.4.6	Assemble		-	-	-
3.5.4.7	Install		-	-	-
3.5.4.8	Perform Functional Check with ARM-136 / DSM-157		-	-	-
3.5.5	LAU-117 Missile Launcher				
3.5.5.1	Description and Theory of Operation		A	-	-
3.5.5.2	Remove		1b	-	-
3.5.5.3	Disassemble	5B	-	-	-
3.5.5.4	Inspect	5B	-	-	-
3.5.5.5	Repair		-	-	-
3.5.5.6	Assemble	5B	-	-	-
3.5.5.7	Install		1b	-	-
3.5.5.8	Perform Functional Check with ARM-136 / DSM-157		-	-	-
3.5.6	LAU-105 Missile Launcher				
3.5.6.1	Description and Theory of Operation		A	-	-
3.5.6.2	Remove		1b	-	-
3.5.6.3	Disassemble		2b	-	-
3.5.6.4	Inspect		2b	-	-
3.5.6.5	Repair		-	-	-
3.5.6.6	Assemble		2b	-	-
3.5.6.7	Install		1b	-	-
3.5.6.8	Perform Functional Check with the MLS Test Set		1b	-	-
3.5.6.9	Perform Functional Check with the Control Test Set		1b	-	-
3.5.6.10	Perform Detent Test		1b	-	-
3.5.7	Dual Rail Adapter				
3.5.7.1	Description and Theory of Operation		A	-	-
3.5.7.2	Remove		1b	-	-
3.5.7.3	Disassemble		-	-	-
3.5.7.4	Inspect		-	-	-
3.5.7.5	Repair		-	-	-
3.5.7.6	Assemble		-	-	-
3.5.7.7	Install		1b	-	-
3.5.7.8	Perform Functional Check with the Control Test Set		-	-	-
3.5.8	Triple Ejector Rack (TER)				
3.5.8.1	Description and Theory of Operation		A	-	-
3.5.8.2	Remove		1b	-	-
3.5.8.3	Disassemble		1b	-	-
3.5.8.4	Inspect		1b	-	-
3.5.8.5	Repair		-	-	-
3.5.8.6	Assemble		1b	-	-
3.5.8.7	Install		1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.5.8.8	Perform Functional Check with Analog Preload Circuit Test Set		1b	-	-
3.5.8.9	Perform Functional Check with Digital Preload Circuit Test Set		1b	-	-
3.5.8.10	Perform Functional Check with MER / TER / BRU-3 Test Set		-	-	-
3.5.8.11	Perform Weight Check with Proofload Tester		-	-	-
3.5.9	LAU-131 Rocket Launcher				
3.5.9.1	Description and Theory of Operation		A	-	-
3.5.9.2	Remove		1b	-	-
3.5.9.3	Disassemble		-	-	-
3.5.9.4	Inspect		-	-	-
3.5.9.5	Repair		-	-	-
3.5.9.6	Assemble		-	-	-
3.5.9.7	Install		1b	-	-
3.5.9.8	Perform Functional Check with Analog Preload Circuit Test Set		-	-	-
3.5.9.9	Perform Functional Check with Digital Preload Circuit Test Set		-	-	-
3.5.9.10	Perform Functional Check with MK-III / MK-IV Test Set		1b	-	-
3.5.9.11	Perform Functional Check with Digital Multimeter		1b		
3.5.10	BRU-61 Bomb Rack				
3.5.10.1	Description and Theory of Operation		-	-	-
3.5.10.2	Remove		-	-	-
3.5.10.3	Disassemble		-	-	-
3.5.10.4	Inspect		-	-	-
3.5.10.5	Repair		-	-	-
3.5.10.6	Assemble		-	-	-
3.5.10.7	Install		-	-	-
3.5.10.8	Perform Bench Check with AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11		-	-	-
3.5.10.9	Perform Bench Check with ADU-890/E Test Set		-	-	-
3.6	Perform Basic Post-Flight Inspections – Ref: TO 1A-10C-6				
3.6.1	Gun		2b	-	-
3.6.2	MAU-40 / 50 Bomb Rack		2b	-	-
3.6.3	TER		2b	-	-
3.6.4	LAU-88 Launcher		-	-	-
3.6.5	LAU-117 Launcher		-	-	-
3.6.6	LAU-105 Launcher		-	-	-
3.6.7	LAU-131 Launcher		-	-	-
3.6.8	BRU-61 Bomb Rack		-	-	-
3.7	Armament System Components – Ref: TOs 8R3-166-2, 11B29-3-35-2, 11B29-3-39-2, 11B29-3-40-2, 11F13-29-				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
	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, 1A-10C-2-40MS-1, 1A-10C-2-40TS-7-8-1, 1A-10C-2-94JG-6, 1A-10C-2-94JG-7, 1A-10C-2-94JG-10				
3.7.1	Component Functions		-	-	-
3.7.2	Station Control Units				
3.7.2.1	Remove		-	-	-
3.7.2.2	Repair		-	-	-
3.7.2.3	Install		-	-	-
3.7.2.4	Perform LRU Fault Isolation		-	-	-
3.7.2.5	Perform LRU Checks using the Control Test Set		-	-	-
3.7.3	Digital Data Processing Unit				
3.7.3.1	Remove		-	-	-
3.7.3.2	Repair		-	-	-
3.7.3.3	Install		-	-	-
3.7.3.4	Perform LRU Fault Isolation		-	-	-
3.7.3.5	Perform LRU Checks using the Control Test Set		-	-	-
3.7.4	Gun Electronic Control Unit				
3.7.4.1	Remove		-	-	-
3.7.4.2	Repair		-	-	-
3.7.4.3	Install		-	-	-
3.7.4.4	Perform LRU Fault Isolation		-	-	-
3.7.4.5	Perform Electrical Check with A/E24T-138 Test Set		-	-	-
3.7.5	Guided Missile Interface Unit				
3.7.5.1	Remove		-	-	-
3.7.5.2	Repair		-	-	-
3.7.5.3	Install		-	-	-
3.7.5.4	Perform LRU Fault Isolation		-	-	-
3.7.5.5	Perform LRU Checks using the Control Test Set		-	-	-
3.7.6	Armament Relay Box				
3.7.6.1	Remove		-	-	-
3.7.6.2	Repair		-	-	-
3.7.6.3	Install		-	-	-
3.7.6.4	Perform LRU Fault Isolation		-	-	-
3.7.7	Armament Circuit Breaker Panel				
3.7.7.1	Remove		-	-	-
3.7.7.2	Install		-	-	-
3.7.8	Electrical Test Panel				
3.7.8.1	Remove		-	-	-
3.7.8.2	Install		-	-	-
3.7.8.3	Perform LRU Checks using Control Test Set		-	-	-
3.7.9	Central Interface Control Unit				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.7.9.1	Remove		-	-	-
3.7.9.2	Install		-	-	-
3.7.9.3	Perform Operational Checkout (BIT)		-	-	-
3.7.10	1760 Relay Box				
3.7.10.1	Remove		-	-	-
3.7.10.2	Install		-	-	-
3.7.10.3	Perform Operational Checkout using PATS		-	-	-
3.7.11	Armament HUD Control Panel (AHCP)				
3.7.11.1	Remove		-	-	-
3.7.11.2	Install		-	-	-
3.7.11.3	Perform Operational Checkout using PATS		-	-	-
3.7.12	Multi-Functional Color Display (MFCD)				
3.7.12.1	Remove		-	-	-
3.7.12.2	Install		-	-	-
3.7.12.3	Perform Operational Checkout (BIT)		-	-	-
3.7.13	Control Display Unit (CDU)				
3.7.13.1	Operate		-	-	-
3.7.13.2	Perform Start up BIT		-	-	-
3.7.14	Hands-on Throttle and Stick (HOTAS)		-	-	-
3.7.15	Operational Flight Program (OFP)				
3.7.15.1	Upload using PATS		-	-	-
3.7.15.2	Remove		-	-	-
3.7.15.3	Perform Operational Checkout using PATS		-	-	-
3.7.16	Portable Automated Test Station (PATS)				
3.7.16.1	Perform Maverick Interface Station Checkout		1b	-	-
3.7.16.2	Perform 1760 Cable Checkout		1b	-	-
3.7.16.3	Perform 1760 Weapons Station Checkout		1b	-	-
3.8	Support Equipment				
3.8.1	ADU-537A/E Missile-Munitions Loading Adapter (MMLA)				
3.8.1.1	Description		-	-	-
3.8.1.2	Inspect		-	-	-
3.8.1.3	Maintain		-	-	-
3.8.1.4	Operate		-	-	-
3.8.2	Munition Maintenance Handling Equipment (MMHE) – Ref: TO 35D1-1, 35D2-2				
3.8.2.1	BRU-61 Loading Adapter – MMHE – (A-10)				
3.8.2.1.1	Description		-	-	-
3.8.2.1.2	Inspect		-	-	-
3.8.2.1.3	Maintain		-	-	-
3.8.2.1.4	Operate		-	-	-
3.9	Test Equipment – Ref: TOs 33D5-53-1-111, 35D5-12-211-1, 33D9-45-28-1, 35D9-54-62-1, 33D5-12-229-1,				

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
	33D5-12-218-1, 33D5-57-3-1, 33D5-57-4-1, 33D5-20-31-3, 11B29-3-35-2, 33D7-50-662-11, 33D7-50-662-1, 33D9-54-7-42, 33D5-53-13-1, 1A-10C-2-40MS-1				
3.9.1	MAU-12 / 40 / 50 Test Set				
3.9.1.1	Description		A	-	-
3.9.1.2	Inspect		1a	-	-
3.9.1.3	Maintain		-	-	-
3.9.1.4	Repair		-	-	-
3.9.2	A/E24T-138 Test Set				
3.9.2.1	Description		A	-	-
3.9.2.2	Inspect		1a	-	-
3.9.2.3	Maintain		-	-	-
3.9.2.4	Repair		-	-	-
3.9.3	DSM-157 / ARM136				
3.9.3.1	Description		-	-	-
3.9.3.2	Inspect		-	-	-
3.9.3.3	Maintain		-	-	-
3.9.3.4	Repair		-	-	-
3.9.4	Control Test Set (CTS)				
3.9.4.1	Description		A	-	-
3.9.4.2	Inspect		1a	-	-
3.9.4.3	Maintain		-	-	-
3.9.4.4	Repair		-	-	-
3.9.5	Armament Control System Interface Test Set				
3.9.5.1	Description		-	-	-
3.9.5.2	Inspect		-	-	-
3.9.5.3	Maintain		-	-	-
3.9.5.4	Repair		-	-	-
3.9.6	MK-III / MK-IV Test Set				
3.9.6.1	Description		-	-	-
3.9.6.2	Inspect		-	-	-
3.9.6.3	Maintain		-	-	-
3.9.6.4	Repair		-	-	-
3.9.6.5	Multimeter		-	-	-
3.9.7	Missile Launch System Test Set (MLSTS)				
3.9.7.1	Description		A	-	-
3.9.7.2	Inspect		1a	-	-
3.9.7.3	Maintain		-	-	-
3.9.7.4	Repair		-	-	-
3.9.8	MER / TER / BRU-3 Test Set				
3.9.8.1	Description		-	-	-
3.9.8.2	Inspect		-	-	-
3.9.8.3	Maintain		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.9.8.4	Repair		-	-	-
3.9.9	Analog Preload Circuit Test Set (PN 160D998560-1)				
3.9.9.1	Description		A	-	-
3.9.9.2	Inspect		1a	-	-
3.9.9.3	Maintain		-	-	-
3.9.9.4	Repair		-	-	-
3.9.10	Digital Preload Circuit Test Set (PN A10998560-1)				
3.9.10.1	Description		A	-	-
3.9.10.2	Inspect		1a	-	-
3.9.10.3	Maintain		-	-	-
3.9.10.4	Repair		-	-	-
3.9.11	Detent Tester				
3.9.11.1	Description		A	-	-
3.9.11.2	Inspect		1a	-	-
3.9.11.3	Maintain		-	-	-
3.9.11.4	Repair		-	-	-
3.9.12	Proofload Tester				
3.9.12.1	Description		A	-	-
3.9.12.2	Inspect		1a	-	-
3.9.12.3	Maintain		-	-	-
3.9.12.4	Repair		-	-	-
3.9.13	Portable Automated Test Station (PATS)				
3.9.13.1	Description		A	-	-
3.9.13.2	Inspect		1a	-	-
3.9.13.3	Maintain		-	-	-
3.9.13.4	Repair		-	-	-
3.10	Fault Isolation Procedures – Ref: TOs 1A-10C-2-94TS-1, 1A-10C-2-94TS-2, 1A-10C-2-110-1, 1A-10C-2-40TS-7-8-1				
3.10.1	Principles of Troubleshooting		A	-	-
3.10.2	Use Fault Isolation Technical Orders	7	1a	-	-
3.10.3	Use Schematics / Wiring Diagrams	7	1a	-	-
3.10.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	1a	-	-
3.10.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
3.10.6	Troubleshoot 1760 Weapons Stations		-	-	-
3.10.7	Repair 1760 BUS including Data Bus Couplers (DBC)		-	-	-
3.11	Airmunitions (See Matrix) – Ref: TOs 1-1M-33, 1A-10C-6, 1A-10C-33-1-2, 11A-1-63, DESR 6055.09_AFMAN 91-201				
3.11.1	Characteristics		A	-	-
3.11.2	Aircraft Preparation (TQT)	5F	1b	-	-
3.11.3	Munitions Preparation (TQT)	5F	1b	-	-

50

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
3.11.4	Load (TQT)	5F	1b	-	-
3.11.5	Unload (TQT)	5F	1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4	B-1 AIRCRAFT				
4.1	Aircraft – Ref: TOs 1B-1B-2-05GS-00-1, 1B-1B-2-05JG-20-1, 1B-1B-2-46JG-30-1, 1B-1B-2-94GS-00-Series, 1B-1B-2-95JG-00-1, 1B-1B-2-94JG-10-1				
4.1.1	Aircraft Familiarization		A	-	-
4.1.2	Aircraft Safety Devices		B	-	-
4.1.3	Aircraft Danger Areas		B	-	-
4.1.4	Hardness Critical Procedures (HCP)		A	-	-
4.1.5	CITS		A	-	-
4.1.6	Perform Aircraft Safe for Maintenance Procedures	5F	1b	-	-
4.1.7	Remove / Apply Aircraft Power / Cooling Air (Non-CASS)		-	-	-
4.1.8	Remove / Apply Aircraft Power / Cooling Air (CASS)		-	-	-
4.1.9	Stores Management System				
4.1.9.1	Air to Ground Theory of Operation	5	A	-	-
4.2	Stores Suspension Equipment – Ref: TOs 1B-1B-2-94JG-30-Series, 1B-1B-33-2-1, 11B29-3-55-1, 11B29-3-56-11, 11B29-3-65-2, 11B29-3-73-1, 11N-L5002-Series, 11N-H5083-1, 11N-H5086-2				
4.2.1	Target Pod Pylon – Ref: TOs 1-1B-2-94JG-30-11, 16-W6-30-3				
4.2.1.1	Description and Theory of Operation		A	-	-
4.2.1.2	Remove		-	-	-
4.2.1.3	Inspect		-	-	-
4.2.1.4	Repair		-	-	-
4.2.1.5	Install		-	-	-
4.2.1.6	Hoist with Pylon Lift Bar		-	-	-
4.2.2	Multipurpose Rotary Launcher (MPRL) (180 Inch)				
4.2.2.1	Description and Theory of Operation		A	-	-
4.2.2.2	Remove from Aircraft		1b	-	-
4.2.2.3	Disassemble		1b	-	-
4.2.2.4	Inspect		1b	-	-
4.2.2.5	Repair		-	-	-
4.2.2.6	Assemble		1b	-	-
4.2.2.7	Install on Aircraft		1b	-	-
4.2.2.8	Perform Functional Check with 750 Test Set		1b	–	–
4.2.2.9	Perform End of Firing Day Inspection		2b	-	-
4.2.2.10	Perform Rotary Launcher Weapons / Bay Status Check		1b	-	-
4.2.2.11	Perform 60-Day Flush		-	-	-
4.2.2.12	Hoist with Sling Consolidated Group II Assembly (MMHE)		-	-	-
4.2.3	Conventional Bomb Module				
4.2.3.1	Description and Theory of Operation		A	-	-
4.2.3.2	Remove from Aircraft		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4.2.3.3	Disassemble		-	-	-
4.2.3.4	Inspect		-	-	-
4.2.3.5	Repair		-	-	-
4.2.3.6	Assemble		-	-	-
4.2.3.7	Install on Aircraft		-	-	-
4.2.3.8	Perform Functional Check with 750 Test Set		-	-	-
4.2.3.9	Perform End of Firing Day Inspection		-	-	-
4.2.3.10	Perform Weapons Bay Status Check		-	-	-
4.2.3.11	Perform 60 Day Flush		-	-	-
4.2.3.12	Hoist with Sling Consolidated Group II Assembly (MMHE)		-	-	-
4.2.4	1760 Enhanced Conventional Bomb Module (SECBM)				
4.2.4.1	Description and Theory of Operation		A	-	-
4.2.4.2	Remove from Aircraft		1b	-	-
4.2.4.3	Disassemble		1b	-	-
4.2.4.4	Inspect		1b	-	-
4.2.4.5	Repair		-	-	-
4.2.4.6	Assemble		1b	-	-
4.2.4.7	Install on Aircraft		1b	-	-
4.2.4.8	Perform Functional Check with 750 Test Set		1b	–	–
4.2.4.9	Perform End of Firing Day Inspection		2b	-	-
4.2.4.10	Perform Weapons Bay Status Check		1b	-	-
4.2.4.11	Perform 60 Day Flush		-	-	-
4.2.4.12	Hoist with Sling Consolidated Group II Assembly (MMHE)		-	-	-
4.2.5	MAU-12 Bomb Rack				
4.2.5.1	Description and Theory of Operation		A	-	-
4.2.5.2	Remove		-	-	-
4.2.5.3	Disassemble		-	-	-
4.2.5.4	Inspect		-	-	-
4.2.5.5	Repair		-	-	-
4.2.5.6	Assemble		-	-	-
4.2.5.7	Install		-	-	-
4.2.5.8	Perform Bench Check with MAU-12/40/50		-	-	-
4.2.5.9	Perform Weight Check with Proofload Tester		-	-	-
4.2.6	14 Inch Ejector Rack				
4.2.6.1	Description and Theory of Operation		A	-	-
4.2.6.2	Remove		2b	-	-
4.2.6.3	Disassemble	5B	1b	-	-
4.2.6.4	Inspect	5B	1b	-	-
4.2.6.5	Repair		-	-	-
4.2.6.6	Assemble	5B	1b	-	-
4.2.6.7	Install		2b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4.2.6.8	Perform Functional Check		1b	-	-
4.2.7	30 Inch Ejector Rack				
4.2.7.1	Description and Theory of Operation		A	-	-
4.2.7.2	Remove		2b	-	-
4.2.7.3	Disassemble	5B	-	-	-
4.2.7.4	Inspect	5B	1b	-	-
4.2.7.5	Repair		-	-	-
4.2.7.6	Assemble	5B	-	-	-
4.2.7.7	Install		2b	-	-
4.2.7.8	Perform Functional Check		1b	-	-
4.3	Stores Management System Components – Ref: TOs 1B-1B-33-2-1, 1B-1B-2-34JG-60-2, 1B-1B-2-40JG-00-1, 1B-1B-2-40JG-94-1, 1B-1B-2-94JG-10-1				
4.3.1	Component Functions		A	-	-
4.3.2	Perform Fault Isolation Procedures		1b	-	-
4.3.3	Pilot Stores Panel				
4.3.3.1	Remove		a	-	-
4.3.3.2	Install		a	-	-
4.3.3.3	Perform Weapons System Ground Readiness Check		1b	-	-
4.3.4	Pilot Stores Jettison Panel				
4.3.4.1	Remove		a	-	-
4.3.4.2	Install		a	-	-
4.3.4.3	Perform Weapons System Ground Readiness Check		1b	-	-
4.3.5	Stores Management System Panel				
4.3.5.1	Remove		a	-	-
4.3.5.2	Install		a	-	-
4.3.5.3	Perform Weapons System Ground Readiness Check		1b	-	-
4.3.6	Avionics Control Unit (ACU)				
4.3.6.1	Load ACU from PCMCIA		-	-	-
4.3.6.2	Load ACU from MSD		1b	-	-
4.4	Weapons Bay				
4.4.1	Perform Operational Mode Checkout		1b	-	-
4.4.2	Perform Fault Isolation		1b	-	-
4.5	Weapons Bay Components – Ref: TO 1B-1B-2-94JG-90-Series				
4.5.1	Description		A	-	-
4.5.2	Perform Fault Isolation		-	-	-
4.5.3	Proximity Switch				
4.5.3.1	Remove		-	-	-
4.5.3.2	Install		-	-	-
4.5.3.3	Perform Operational Checkout		-	-	-
4.5.4	Proximity Switch Electrical Package				
4.5.4.1	Remove		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4.5.4.2	Install		-	-	-
4.5.4.3	Perform Operational Checkout		-	-	-
4.5.5	Launcher Drive Electrical Controller Assembly				
4.5.5.1	Remove		-	-	-
4.5.5.2	Install		-	-	-
4.5.5.3	Perform Operational Checkout		-	-	-
4.5.6	Launcher Drive				
4.5.6.1	Perform Operational Checkout		1b	-	-
4.5.7	Armament Ground Control Panel				
4.5.7.1	Remove		-	-	-
4.5.7.2	Install		-	-	-
4.5.7.3	Perform Operational Checkout		-	-	-
4.6	Weapons Bay Door – Ref: TOs 1B-1B-2-94JG-90 Series				
4.6.1	Perform Operational Checkout		1b	-	-
4.6.2	Operate Manually		2b	-	-
4.6.3	Operate Electrically		2b	-	-
4.7	Chaff / Flare Dispensers				
4.7.1	Inspect		-	-	-
4.7.2	Repair		-	-	-
4.7.3	Perform Checkout with Diode Matrix Test Set		-	-	-
4.8	Support Equipment				
4.8.1	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D1-1, 35D2-2				
4.8.1.1	Pylon Handling Adapter – MMHE (B-1)				
4.8.1.1.1	Description				
4.8.1.1.2	Inspect		-	-	-
4.8.1.1.3	Maintain		-	-	-
4.8.1.1.4	Operate		-	-	-
4.8.1.2	Launcher Module Handling Adapter (LMHA) – MMHE (B-1)				
4.8.1.2.1	Description		A	-	-
4.8.1.2.2	Inspect		-	-	-
4.8.1.2.4	Maintain		-	-	-
4.8.1.2.4	Operate		-	-	-
4.8.1.3	Sling Consolidated Group II Assembly (MMHE) (B-1)				
4.8.1.3.1	Description		-	-	-
4.8.1.3.2	Inspect		-	-	-
4.8.1.3.3	Maintain		-	-	-
4.8.1.3.4	Operate		-	-	-
4.8.1.4	Launcher Loader Adapter (MMHE) – Ref: TOs 11LA15-3-2, 11N-L5006-11, 11N-H5084-2 – B-1, B-2, B-52				
4.8.1.4.1	Description		A	-	-
4.8.1.4.2	Inspect		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4.8.1.4.3	Operate		2b	-	-
4.8.1.4.4	Maintain		-	-	-
4.9	Test Equipment – Ref: TOs 1B-1B-2-94JG-90-Series, 1-1M-33, 33D5-53-1-111, 33D5-53-13-1, 33D5-53-15-1, 33D7-33-192-1				
4.9.1	Conventional Bomb Module Tester (750A Test Set)				
4.9.1.1	Description		A	-	-
4.9.1.2	Inspect		1a	-	-
4.9.1.3	Maintain		-	-	-
4.9.1.4	Repair		-	-	-
4.9.2	Junction Box Ejector Rack Test Set (JBERTS)				
4.9.2.1	Description		A	-	-
4.9.2.2	Inspect		1a	-	-
4.9.2.3	Maintain		-	-	-
4.9.2.4	Repair		-	-	-
4.9.3	RLDS Test Set				
4.9.3.1	Description		-	-	-
4.9.3.2	Inspect		-	-	-
4.9.3.3	Maintain		-	-	-
4.9.3.4	Repair		-	-	-
4.9.4	Proximity Switch Test Set				
4.9.4.1	Description		-	-	-
4.9.4.2	Inspect		-	-	-
4.9.4.3	Maintain		-	-	-
4.9.4.4	Repair		-	-	-
4.9.5	Weapons Bay Door / Spoiler Test Set				
4.9.5.1	Description		-	-	-
4.9.5.2	Inspect		-	-	-
4.9.5.3	Maintain		-	-	-
4.9.5.4	Repair		-	-	-
4.9.6	AN/GYQ-79 (CMBRE) Test Set Ref: TO 33D7-3-372-11				
4.9.6.1	Description		-	-	-
4.9.6.2	Inspect		-	-	-
4.9.6.3	Maintain		-	-	-
4.9.6.4	Repair		-	-	-
4.9.7	ADU-890/E Test Set				
4.9.7.1	Description		-	-	-
4.9.7.2	Inspect		-	-	-
4.9.7.3	Maintain		-	-	-
4.9.7.4	Repair		-	-	-
4.9.8	Proofload Tester				
4.9.8.1	Description		A	-	-
4.9.8.2	Inspect		1a	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
4.9.8.3	Maintain		-	-	-
4.9.8.4	Repair		-	-	-
4.9.9	MAU-12 / 40 / 50 Tester				
4.9.9.1	Description		-	-	-
4.9.9.2	Inspect		-	-	-
4.9.9.3	Maintain		-	-	-
4.9.9.4	Repair		-	-	-
4.9.10	Diode Matrix Unit Test Set				
4.9.10.1	Description		-	-	-
4.9.10.2	Inspect		-	-	-
4.9.10.3	Maintain		-	-	-
4.9.10.4	Repair		-	-	-
4.10	Fault Isolation Procedures – Ref: Flightline: TOs 1B-1B-94GS-00-1, 1B-1B-2-94JG-90-Series; Backshop: TOs 11B29-3-55-1, 11B29-3-56-11, 11B29-3-65-2, 11B29-3-73-1, 11N-L5002-Series, 11N-H5083-1, 11N-H5086-2, 1-1M-33, 33D5-53-1-111, 33D5-53-13-1, 33D5-53-15-1, 33D7-33-192-1				
4.10.1	Principles of Troubleshooting		-	-	-
4.10.2	Use Fault Isolation Technical Orders	7	-	-	-
4.10.3	Use Schematics / Wiring Diagrams	7	-	-	-
4.10.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
4.10.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
4.10.6	Nuclear System Fault Isolation		-	-	-
4.11	Airmunitions (See Matrix) – Ref: TOs 1-1M-33, 1B-1B-33-2-1, 1B-1B-33-2-1CL-Series, 11A-1-63				
4.11.1	Characteristics		A	-	-
4.11.2	Aircraft Preparation (TQT)	5F	1b	-	-
4.11.3	Munitions Preparation (TQT)	5F	1b	-	-
4.11.4	Load (TQT)	5F	1b	-	-
4.11.5	Unload (TQT)	5F	1b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5	B-2 AIRCRAFT				
5.1	Aircraft – Ref: 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				
5.1.1	Aircraft Familiarization		A	-	-
5.1.2	Access Doors and Panels		-	-	-
5.1.3	Ground Handling and Safety		-	-	-
5.1.4	Nuclear Enable System		-	-	-
5.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	-	-	-
5.1.6	Electrically Operate Weapons Bay Doors		-	-	-
5.1.7	Remove / Apply Aircraft Power / Cooling Air (Non-CASS)		-	-	-
5.1.8	Remove / Apply Aircraft Power / Cooling Air (CASS)		-	-	-
5.1.9	Perform MMS Command Disable System Recode Procedures		-	-	-
5.1.10	Install / Remove Maintenance Write Cartridge		-	-	-
5.1.11	Interpret On-Board Test Set Ground Printer Expanded Data		-	-	-
5.1.12	Operational Flight Program (OFP) Reload		-	-	-
5.1.13	Low Observable Awareness		-	-	-
5.1.14	Stores Management System (SMS)				
5.1.14.1	Air to Ground Theory of Operation	5	-	-	-
5.2	Stores Suspension Equipment – Ref: TOs 1B-2A-6, 1B-2A-16, 1B-2A-33-2-1, 1B-2A-2-94JG-30-1, 1B-2A-2-94JG-30-2, 1B-2A-2-94JG-30-3, 11B29-3-62-2, 11B29-3-62-2-1, 11B29-3-66-1, 11B29-3-70-1, 11NH5006-1, 11N5006-2, 11N-H5079-2, 33D5-53-13-1				
5.2.1	BRU-44 Bomb Rack				
5.2.1.1	Description and Theory of Operation		-	-	-
5.2.1.2	Remove from Rotary Launcher Assembly (RLA)	5B	-	-	-
5.2.1.3	Disassemble	5B	-	-	-
5.2.1.4	Clean		-	-	-
5.2.1.5	Inspect				
5.2.1.6	Repair		-	-	-
5.2.1.7	Assemble	5B	-	-	-
5.2.1.8	Install / Remove SMU-105 and Junction Box		-	-	-
5.2.1.9	Install / Remove Adapter Fitting		-	-	-
5.2.1.10	Install on RLA	5B	-	-	-
5.2.1.11	Weight Check with Proofload Tester		-	-	-
5.2.1.12	Leak Check	5B	-	-	-
5.2.1.13	Hook Torque Check		-	-	-
5.2.1.14	Perform Bench Check with MAU-12 / 40 / 50 Test Set		-	-	-
5.2.1.15	Perform Bench Check with Common Organizational Level Tester (COLT)		-	-	-
5.2.2	Smart Bomb Rack Assembly (SBRA)				
5.2.2.1	Description and Theory of Operation		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.2.2.2	Remove from Aircraft		-	-	-
5.2.2.3	Disassemble		-	-	-
5.2.2.4	Inspect	5B	-	-	-
5.2.2.5	Repair		-	-	-
5.2.2.6	Assemble		-	-	-
5.2.2.7	Off Equipment Reconfiguration		-	-	-
5.2.2.8	Install on Aircraft		-	-	-
5.2.2.9	Perform Off-Equipment Operational Checkout		-	-	-
5.2.2.10	Perform On-Equipment Built-In-Test		-	-	-
5.2.2.11	Perform On-Equipment SMS SBRA COLT Test using the SBRA SMS TPS		-	-	-
5.2.2.12	Perform On-Equipment COLT Test using the SBRA TPS		-	-	-
5.2.2.13	Smart Bomb Release Controller				
5.2.2.13.1	Perform Operational Check		-	-	-
5.2.2.13.2	Remove from SBRA / MACE		-	-	-
5.2.2.13.3	Install on SBRA / MACE		-	-	-
5.2.3	Rotary Launcher Assembly (RLA)				
5.2.3.1	Description and Theory of Operation		-	-	-
5.2.3.2	Install / Remove to / from Aircraft using MHU-204 Trailer		-	-	-
5.2.3.3	Install / Remove to / from Aircraft using Rotary Launcher Adapter with Lift Truck		-	-	-
5.2.3.4	Install / Remove to / from Suspended Loading and Checkout Frame using MHU-204 Trailer		-	-	-
5.2.3.5	Reconfigure		-	-	-
5.2.3.6	Inspect	5B	-	-	-
5.2.3.7	Perform On-Equipment Built-In-Test		-	-	-
5.2.3.8	Perform On-Equipment SMS RLA COLT Test using the RLA SMS TPS		-	-	-
5.2.3.9	Perform On-Equipment COLT Test using the RLA TPS		-	-	-
5.2.3.10	Perform Off-Equipment Operational Checkout with COLT		-	-	-
5.2.3.11	Perform Manual RLA Rotation		-	-	-
5.2.3.12	Perform Manual RLA Rotation in Frame		-	-	-
5.2.3.13	Perform Hydraulic RLA Rotation in Frame		-	-	-
5.2.3.14	Rack Configurations		-	-	-
5.2.3.15	Install / Remove Nuclear Weapons Control Monitor		-	-	-
5.2.3.16	Install / Remove Missile Status Relay Assembly		-	-	-
5.2.3.17	Install / Remove Transformer Rectifier Unit		-	-	-
5.2.3.18	Install / Remove Bomb Status Relay Assembly		-	-	-
5.2.3.19	Install / Remove Ejector Relay		-	-	-
5.2.3.20	Install / Remove Twist Cable		-	-	-
5.2.4	Monitor and Control Equipment (MACE)				
5.2.4.1	Description and Theory of Operation		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.2.4.2	Remove		-	-	-
5.2.4.3	Disassemble		-	-	-
5.2.4.4	Inspect		-	-	-
5.2.4.5	Repair		-	-	-
5.2.4.6	Assemble		-	-	-
5.2.4.7	Perform Off-Equipment Operational Check with COLT		-	-	-
5.2.4.8	Install		-	-	-
5.2.4.9	Perform On-Equipment Built-In-Test		-	-	-
5.2.4.10	Perform SMS COLT using the MOP SMS TPS		-	-	-
5.2.4.11	Perform On-Equipment COLT Test using the MOP TPS		-	-	-
5.2.5	Carriage and Release Equipment (CARE)				
5.2.5.1	Description and Theory of Operation		-	-	-
5.2.5.2	Remove		-	-	-
5.2.5.3	Disassemble		-	-	-
5.2.5.4	Inspect		-	-	-
5.2.5.5	Repair		-	-	-
5.2.5.6	Assemble		-	-	-
5.2.5.7	Perform Off-Equipment Operational Check with COLT		-	-	-
5.2.5.8	Install on Ground Support Equipment		-	-	-
5.2.5.9	Install		-	-	-
5.2.5.10	Perform On-Equipment Built-In-Test		-	-	-
5.2.5.11	Perform SMS COLT using the MOP SMS TPS		-	-	-
5.2.5.12	Perform On-Equipment COLT Test using the MOP TPS		-	-	-
5.3	Stores Management System Components – Ref: TOs 1B-2A-2-94JG-10-1, 11N-C5062-2				
5.3.1	Stores Management Processor		-	-	-
5.3.1.1	Remove		-	-	-
5.3.1.2	Install		-	-	-
5.3.1.3	Perform Component Checkout on Aircraft		-	-	-
5.3.2	Ground Control Panel – Ref: TOs 1B-2A-2-94JG-10-1, 11N-C5062-2		-	-	-
5.3.2.1	Remove		-	-	-
5.3.2.2	Disassemble		-	-	-
5.3.2.3	Inspect		-	-	-
5.3.2.4	Repair		-	-	-
5.3.2.5	Assemble		-	-	-
5.3.2.6	Perform Component Checkout on Aircraft		-	-	-
5.3.3	Consent / Arm Panel		-	-	-
5.3.3.1	Disassemble		-	-	-
5.3.3.2	Inspect		-	-	-
5.3.3.3	Repair		-	-	-
5.3.3.4	Assemble		-	-	-
5.3.3.5	Perform Component Checkout on Aircraft		-	-	-

60

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.3.3.6	Perform Component Prefunctional Continuity and Isolation Check		-	-	-
5.3.4	Jettison Enable Panel		-	-	-
5.3.4.1	Disassemble		-	-	-
5.3.4.2	Inspect		-	-	-
5.3.4.3	Repair		-	-	-
5.3.4.4	Assemble		-	-	-
5.3.4.5	Perform Component Checkout on Aircraft		-	-	-
5.3.4.6	Perform Component Prefunctional Continuity and Isolation Check		-	-	-
5.3.5	Manual Weapons Release Panel		-	-	-
5.3.5.1	Disassemble		-	-	-
5.3.5.2	Inspect		-	-	-
5.3.5.3	Repair		-	-	-
5.3.5.4	Assemble		-	-	-
5.3.5.5	Perform Component Checkout on Aircraft		-	-	-
5.3.5.6	Perform Component Prefunctional Continuity and Isolation Check		-	-	-
5.3.6	Weapons Door Safe Lock Control		-	-	-
5.3.6.1	Remove		-	-	-
5.3.6.2	Install		-	-	-
5.3.6.3	Perform Component Checkout on Aircraft		-	-	-
5.4	Weapons Suspension System – Ref: TO 1B-2A-2-94JG Series				
5.4.1	System Operational Checkout		-	-	-
5.4.2	Forward Clip-In Fitting				
5.4.2.1	Remove		-	-	-
5.4.2.2	Install		-	-	-
5.4.2.3	Inspect		-	-	-
5.4.2.4	Adjust		-	-	-
5.4.3	PDU Manual Drive / Flex Shaft				
5.4.3.1	Remove		-	-	-
5.4.3.2	Install		-	-	-
5.4.3.3	Inspect / Lubricate		-	-	-
5.4.4	Aft Clip-In Fitting				
5.4.4.1	Remove		-	-	-
5.4.4.2	Install		-	-	-
5.4.4.3	Inspect		-	-	-
5.4.4.4	Adjust		-	-	-
5.4.5	Forward RLA Torque Limiters				
5.4.5.1	Remove		-	-	-
5.4.5.2	Install		-	-	-
5.4.5.3	Inspect		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.4.6	Aft RLA Torque Limiters				
5.4.6.1	Remove		-	-	-
5.4.6.2	Install		-	-	-
5.4.6.3	Inspect		-	-	-
5.4.7	PDU				
5.4.7.1	Remove		-	-	-
5.4.7.2	Install		-	-	-
5.4.7.3	Inspect		-	-	-
5.4.8	Forward Control Box				
5.4.8.1	Remove		-	-	-
5.4.8.2	Install		-	-	-
5.4.8.3	Inspect		-	-	-
5.4.9	Aft Control Box				
5.4.9.1	Remove		-	-	-
5.4.9.2	Install		-	-	-
5.4.9.3	Inspect		-	-	-
5.5	Support Equipment – Ref: TOs 11B29-3-66-1, 11N-C5062-2, 35D-2-2, 33D7-86-52-1, DAFMAN 91-203				
5.5.1	Bomb Rack Stanchion / Transverse Beam / Interface Unit Sling				
5.5.1.1	Description		-	-	-
5.5.1.2	Inspect		-	-	-
5.5.1.3	Maintain		-	-	-
5.5.1.4	Operate		-	-	-
5.5.2	Bomb Rack Assembly Aircraft Maintenance Sling				
5.5.2.1	Description		-	-	-
5.5.2.2	Inspect		-	-	-
5.5.2.3	Maintain		-	-	-
5.5.2.4	Operate		-	-	-
5.5.3	Bomb Rack Assembly Maintenance Stand				
5.5.3.1	Description		-	-	-
5.5.3.2	Inspect		-	-	-
5.5.3.3	Maintain		-	-	-
5.5.3.4	Operate		-	-	-
5.5.4	Empty Bomb Rack Storage and Transport Pallet				
5.5.4.1	Description		-	-	-
5.5.4.2	Inspect		-	-	-
5.5.4.3	Maintain		-	-	-
5.5.4.4	Operate		-	-	-
5.5.5	Power Supply				
5.5.5.1	Description		-	-	-
5.5.5.2	Inspect		-	-	-
5.5.5.3	Maintain		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.5.5.4	Operate		-	-	-
5.5.6	Adapter Cable Breakout Box				
5.5.6.1	Description		-	-	-
5.5.6.2	Inspect		-	-	-
5.5.6.3	Maintain		-	-	-
5.5.6.4	Operate		-	-	-
5.5.7	Trestle Hoist				
5.5.7.1	Description		-	-	-
5.5.7.2	Inspect		-	-	-
5.5.7.3	Maintain		-	-	-
5.5.7.4	Operate		-	-	-
5.5.8	Climate Control Unit (CCU)				
5.5.8.1	Description		-	-	-
5.5.8.2	Inspect		-	-	-
5.5.8.3	Maintain		-	-	-
5.5.8.4	Operate		-	-	-
5.5.9	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D1-1, 35D2-2				
5.5.9.1	Rotary Launcher Adapter – MMHE (B-2)				
5.5.9.1.1	Description		-	-	-
5.5.9.1.2	Inspect		-	-	-
5.5.9.1.3	Maintain		-	-	-
5.5.9.1.4	Operate		-	-	-
5.5.9.2	MACE Load Fixture (MLF) – MMHE (B-2)				
5.5.9.2.1	Description		-	-	-
5.5.9.2.2	Inspect		-	-	-
5.5.9.2.3	Maintain		-	-	-
5.5.9.2.4	Operate		-	-	-
5.5.9.3	Ground Support Equipment (GSE) – MMHE (B-2)				
5.5.9.3.1	Description		-	-	-
5.5.9.3.2	Inspect		-	-	-
5.5.9.3.3	Maintain		-	-	-
5.5.9.3.4	Operate		-	-	-
5.5.9.4	Handling Adapter Kit, BRU-44 – MMHE (B-2)				
5.5.9.4.1	Description		-	-	-
5.5.9.4.2	Inspect		-	-	-
5.5.9.4.3	Maintain		-	-	-
5.5.9.4.4	Operate		-	-	-
5.5.9.5	Rack Loading Adapter (RLA) – MMHE (B-2)				
5.5.9.5.1	Description		-	-	-
5.5.9.5.2	Inspect		-	-	-
5.5.9.5.3	Maintain		-	-	-
5.5.9.5.4	Operate		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.5.9.6	ADU-916/E MOP Loader Adapter (MLA) – MMHE (B-2) – Ref: TO 35D-2-2				
5.5.9.6.1	Description		-	-	-
5.5.9.6.2	Inspect		-	-	-
5.5.9.6.3	Maintain		-	-	-
5.5.9.6.4	Operate		-	-	-
5.5.9.7	Launcher Loading Set (LLS) – MMHE (B-2) – Ref: TOs 35D-2-2, 1B-2A-2-94JG-30-1				
5.5.9.7.1	Description		-	-	-
5.5.9.7.2	Inspect		-	-	-
5.5.9.7.3	Maintain		-	-	-
5.5.9.7.4	Operate		-	-	-
5.5.9.8	Launcher Loader Adapter (MMHE) – Ref: TOs 11LA15-3-2, 11N-L5006-11, 11N-H5084-2 – B-1, B-2, B-52				
5.5.9.8.1	Description		-	-	-
5.5.9.8.2	Inspect		-	-	-
5.5.9.8.3	Operate		-	-	-
5.5.9.8.4	Maintain		-	-	-
5.6	Test Equipment – Ref: TOs 11B29-3-70-8-1, 11B29-3-72-8-1, 11N-T5008-1, 31S5-4-3682-1, 33A39-71-1, 33D5-12-243-8-1, 33D7-77-83-1, 33K6-4-433-1, 35D5-53-13-1, 11B29-3-62-8-1, 35D-2-2				
5.6.1	Proofload Tester				
5.6.1.1	Description		-	-	-
5.6.1.2	Inspect	5B	-	-	-
5.6.1.3	Maintain		-	-	-
5.6.1.4	Repair		-	-	-
5.6.2	Bonding Meter T477W				
5.6.2.1	Description		-	-	-
5.6.2.2	Inspect		-	-	-
5.6.2.3	Maintain		-	-	-
5.6.2.4	Repair		-	-	-
5.6.3	Stores Management System Test Set				
5.6.3.1	Description		-	-	-
5.6.3.2	Inspect		-	-	-
5.6.3.3	Maintain		-	-	-
5.6.3.4	Repair		-	-	-
5.6.4	MAU-12 / 40 / 50 Test Set				
5.6.4.1	Description		-	-	-
5.6.4.2	Inspect		-	-	-
5.6.4.3	Maintain		-	-	-
5.6.4.4	Repair		-	-	-
5.6.5	Tension Resistance Meter				
5.6.5.1	Description		-	-	-

64

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
5.6.5.2	Inspect		-	-	-
5.6.5.3	Maintain		-	-	-
5.6.5.4	Repair		-	-	-
5.6.6	Common Organizational Level Tester (COLT)				
5.6.6.1	Description		-	-	-
5.6.6.2	Inspect	5B	-	-	-
5.6.6.3	Maintain		-	-	-
5.6.6.4	Repair		-	-	-
5.6.7	TTU-584/E (COLT) Accessory Kit				
5.6.7.1	Description		-	-	-
5.6.7.2	Inspect	5B	-	-	-
5.6.7.3	Maintain		-	-	-
5.6.7.4	Repair		-	-	-
5.6.8	B-2 Test Programmable Set (TPS)				
5.6.8.1	Description		-	-	-
5.6.8.2	Inspect	5B	-	-	-
5.6.8.3	Maintain		-	-	-
5.6.8.4	Repair		-	-	-
5.6.9	Separation Nut Simulator				
5.6.9.1	Description		-	-	-
5.6.9.2	Inspect		-	-	-
5.6.9.3	Maintain		-	-	-
5.6.9.4	Repair		-	-	-
5.7	Fault Isolation Procedures – Ref: Flightline: TOs 1B-2A-2-94GS-00-1, 1B-2A-2-94GS-00-2, 1B-2A-2-94WD-00-1; Backshop: TOs 11B29-3-62-2-1, 11B29-6-62-2, 11B29-3-66-1, 11B29-3-70-1, 11N5006-1, 11N5006-2, 11N5006-11, 11N-H5079-2, 33D5-53-13-1				
5.7.1	Principles of Troubleshooting		-	-	-
5.7.2	Use Fault Isolation Technical Orders	7	-	-	-
5.7.3	Use Schematics / Wiring Diagrams	7	-	-	-
5.7.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
5.7.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
5.8	Airmunitions (See Matrix) – Ref: TOs 1-1M-33, 1B-2A-16, 1B-2A-16CL-1, 1B-2A-33-2-1, 1B-2A-33-2-1CL-1, 1B-2A-33-2-1CL-2, 1B-2A-33-2-1CL-3, 11A-1-63				
5.8.1	Characteristics		A	-	-
5.8.2	Aircraft Preparation (TQT)	5F	-	-	-
5.8.3	Munitions Preparation (TQT)	5F	-	-	-
5.8.4	Load (TQT)	5F	-	-	-
5.8.5	Unload (TQT)	5F	-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6	B-52 AIRCRAFT				
6.1	Aircraft – Ref: TOs 1B-52H-33-2-1, 1B-52H-33-2-2, 1B-52H-2-31GA-1, 1B-52H-2-31JG Series, 1B-52H-2-38GA-1, 1B-52H-2-38JG Series, 1B-52H-2-2JG-(), 1B-52H-6, 1B-52H-16, 11B29-3-21-2, 11B29-3-25-2				
6.1.1	Aircraft Familiarization		A	-	-
6.1.2	Aircraft Safety Devices		B	-	-
6.1.3	Aircraft Danger Areas		B	-	-
6.1.4	Aircraft Switches, Controls, and Indicators		A	-	-
6.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	3b	-	-
6.1.6	Apply / Remove Main External Electrical Power		3b	-	-
6.1.7	Open / Close Bomb Bay Doors		1b	-	-
6.1.8	Stores Management System (SMS)				
6.1.8.1	Air to Ground Theory of Operation	5	A	-	-
6.1.9	Perform Basic Post-Flight Inspections				
6.1.9.1	MAU-12 Bomb Rack		2b	-	-
6.1.9.2	Cluster Bomb Rack		1b	-	-
6.2	Stores Suspension Equipment				
6.2.1	ICSMS Pylon Assembly/ Heavy Stores Adapter Beam – Ref: TOs 1B-52H-2-31JG-Series, 16W6-47-2				
6.2.1.1	Description and Theory of Operation		A	-	-
6.2.1.2	Remove		2b	-	-
6.2.1.3	Disassemble	5B	-	-	-
6.2.1.4	Inspect	5B	1b	-	-
6.2.1.5	Repair		-	-	-
6.2.1.6	Assemble	5B	-	-	-
6.2.1.7	Install		2b	-	-
6.2.1.8	Perform Bench Check with Multi-Use Systems Tester-Armament Next Generation (MUSTANG)	5B			
6.2.2	Conventional Rotary Launcher (CRL) – Ref: TOs 1B-52H-2-31JG-Series, 11L1-4-2-2				
6.2.2.1	Description and Theory of Operation		A	-	-
6.2.2.2	Remove		-	-	-
6.2.2.3	Disassemble		-	-	-
6.2.2.4	Inspect		-	-	-
6.2.2.5	Repair		-	-	-
6.2.2.6	Assemble		-	-	-
6.2.2.7	Install		-	-	-
6.2.2.8	Perform Bench Check with MUSTANG		-	-	-
6.2.3	Cluster Bomb Rack – Ref: TOs 1B-52H-2-31JG Series, 11B29-3-21-2, 11B38-2-5-1				
6.2.3.1	Description and Theory of Operation		A	-	-
6.2.3.2	Remove		2b	-	-
6.2.3.3	Inspect	5B	2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.2.3.4	Install		2b	-	-
6.2.3.5	Perform Bench Check with MUSTANG	5B	-	-	-
6.2.4	A-6 Bomb Release Unit – Ref: TOs 11B29-3-21-2, 11B38-2-5-1				
6.2.4.1	Description and Theory of Operation		A	-	-
6.2.4.2	Remove	5B	2b	-	-
6.2.4.3	Inspect	5B	2b	-	-
6.2.4.4	Install	5B	2b	-	-
6.2.4.5	Perform Bench Check with MUSTANG	5B	-	-	-
6.2.5	B-11 Bomb Shackle – Ref: TO 11B40-2-4-3				
6.2.5.1	Description and Theory of Operation		A	-	-
6.2.5.2	Disassemble	5B	-	-	-
6.2.5.3	Inspect	5B	-	-	-
6.2.5.4	Assemble	5B	-	-	-
6.2.6	Launcher Yokes – Ref: TOs 1B-52H-2-31JG-Series, 11B29-3-52-2				
6.2.6.1	Description and Theory of Operation		A	-	-
6.2.6.2	Remove		2b	-	-
6.2.6.3	Disassemble		-	-	-
6.2.6.4	Inspect		1b	-	-
6.2.6.5	Repair		-	-	-
6.2.6.6	Assemble		-	-	-
6.2.6.7	Install		2b	-	-
6.2.6.8	Yoke Rotation Check		-	-	-
6.2.7	PDU – Ref: TO 11B29-3-52-2				
6.2.7.1	Remove from Yoke		-	-	-
6.2.7.2	Inspect		-	-	-
6.2.7.3	Install to Yoke		-	-	-
6.2.8	CSRL (Empty) – Ref: TOs 1B-52H-2-31JG-Series, 1B-52H-16, 1B-52H-33-2-2, 11B29-3-25-2				
6.2.8.1	Description and Theory of Operation		A	-	-
6.2.8.2	Remove		1b	-	-
6.2.8.3	Inspect		-	-	-
6.2.8.4	Install		1b	-	-
6.2.9	MAU-12 – Ref: TOs 1B-52H-2-31JG-Series, 11B29-3-25-2, 16W6-47-2, 35D5-53-13-1, 11L1-4-2-2				
6.2.9.1	Description and Theory of Operation		A	-	-
6.2.9.2	Remove		-	-	-
6.2.9.3	Disassemble	5B	2b	-	-
6.2.9.4	Inspect	5B	2b	-	-
6.2.9.5	Repair		-	-	-
6.2.9.6	Assemble	5B	2b	-	-
6.2.9.7	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.2.9.8	Perform Bench Check with MAU-12 / 40 / 50 Test Set		2b	-	-
6.2.9.9	Perform Weight Check with Proofload Tester		1b	-	-
6.2.10	ALE-25 Pylon – Ref: TO 1B-52H-2-31JG-Series				
6.2.10.1	Description and Theory of Operation	-	-	-	-
6.2.10.2	Remove	-	-	-	-
6.2.10.3	Inspect	-	-	-	-
6.2.10.4	Install	-	-	-	-
6.2.10.5	Perform Operational Check	-	-	-	-
6.2.11	LAU-105 Launcher – Ref: TO 1B-52H-2-31JG-Series				
6.2.11.1	Description and Theory of Operation	-	A	-	-
6.2.11.2	Remove	-	-	-	-
6.2.11.3	Inspect	-	-	-	-
6.2.11.4	Disassemble	-	-	-	-
6.2.11.5	Repair	-	-	-	-
6.2.11.6	Assemble	-	-	-	-
6.2.11.7	Install	-	-	-	-
6.2.11.8	Perform Operational Check	-	-	-	-
6.2.12	Laser Pod Pylon – Ref: TOs 1B-52H-2-39JG-4, 11B29-3-52-2				
6.2.12.1	Description and Theory of Operation	-	-	-	-
6.2.12.2	Remove	-	-	-	-
6.2.12.3	Inspect	-	-	-	-
6.2.12.4	Install	-	-	-	-
6.2.12.5	Perform Operational Check	-	-	-	-
6.3	Maintain System Explosive Devices – Ref: TOs 1B-52H-2-31JG Series, 1B-52H-2-31GA-1				
6.3.1	Pressure-Actuated Explosive Devices (PAED)				
6.3.1.1	Install		-	-	-
6.3.1.2	Remove		-	-	-
6.3.2	Electro-Explosive Devices (EED)				
6.3.2.1	Install		-	-	-
6.3.2.2	Remove		-	-	-
6.3.3	Shielded-Mild Detonating Cord (SMDC)				
6.3.3.1	Install		-	-	-
6.3.3.2	Remove		-	-	-
6.3.4	Gas Grain Generators (GGG)				
6.3.4.1	Install		-	-	-
6.3.4.2	Remove		-	-	-
6.4	Armament System Components – Ref: TOs 1B-52H-2-31JG-Series, 1B-52H-2-38JG-Series				
6.4.1	Component Functions		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.4.2	Digital Bomb Release Interval Control (D-BRIC) – Ref: TO 33D7-50-1913-1				
6.4.2.1	Remove		1b	-	-
6.4.2.2	Inspect		-	-	-
6.4.2.3	Install		1b	-	-
6.4.2.4	Perform Operational Check		-	-	-
6.4.2.5	Operate		-	-	-
6.4.3	Weapons Control Panel				
6.4.3.1	Remove		-	-	-
6.4.3.2	Install		-	-	-
6.4.4	Missile Consent Panel				
6.4.4.1	Remove		-	-	-
6.4.4.2	Install		-	-	-
6.4.5	Conventional Weapons Control Panel				
6.4.5.1	Remove		-	-	-
6.4.5.2	Install		-	-	-
6.4.6	Jettison Time Delay Relay Panel				
6.4.6.1	Remove		-	-	-
6.4.6.2	Install		-	-	-
6.4.7	Conventional Weapons Relay Panel				
6.4.7.1	Remove		-	-	-
6.4.7.2	Inspect		-	-	-
6.4.7.3	Repair		-	-	-
6.4.7.4	Install		-	-	-
6.4.7.5	Perform Operational Check		-	-	-
6.4.7.6	Operate		-	-	-
6.4.8	Coded Switch System – Ref: TOs 11N-T5059-2, 1B-52H-2-31GA-1		B	-	-
6.5	Perform Weapons System Operational Checks – Ref: TOs 1B-52H-2-31GA-1, 1B-52H-33-2-2, 1B-52H-2-31JG Series, 1B-52H-2-38JG Series, 1B-52H-16CL Series				
6.5.1	Ground Maintenance Computer Program		1b	-	-
6.5.2	Pylon Jettison Relay Check		-	-	-
6.5.3	MIT GO / NO-GO		-	-	-
6.5.4	System Interface Test		-	-	-
6.5.5	Conventional				
6.5.5.1	Internal Nonnuclear Release System Check		1b	-	-
6.5.5.2	External Nonnuclear Release Check		1b	-	-
6.5.5.3	ICSMS at Wing Disconnect		1b	-	-
6.5.5.4	ICSMS Pylon Functional Check		1b	-	-
6.5.5.5	ICSMS CRL Disconnect Check		-	-	-
6.5.5.6	ICSMS CRL Functional Check		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.5.6	Nuclear				
6.5.6.1	Internal		-	-	-
6.5.6.2	External		1b	-	-
6.6	Support Equipment				
6.6.1	T-128 Power Supply – Ref: TO 11N-T-5189-2				
6.6.1.1	Description		-	-	-
6.6.1.2	Inspect		-	-	-
6.6.1.3	Maintain		-	-	-
6.6.1.4	Operate		-	-	-
6.6.2	K4000 Power Supply – Ref: TO 35C2-2-32-41				
6.6.2.1	Description		-	-	-
6.6.2.2	Inspect		-	-	-
6.6.2.3	Maintain		-	-	-
6.6.2.4	Operate		-	-	-
6.6.3	Hydraulic Power Supply – Ref: TO 33D2-5-81-1				
6.6.3.1	Description		-	-	-
6.6.3.2	Inspect		-	-	-
6.6.3.3	Maintain		-	-	-
6.6.3.4	Operate		-	-	-
6.6.4	Adapter Installation Pylon Loading				
6.6.4.1	Description		-	-	-
6.6.4.2	Inspect		-	-	-
6.6.4.3	Maintain		-	-	-
6.6.4.4	Operate		-	-	-
6.6.5	B-52 Pylon Handling Adapter				
6.6.5.1	Description		-	-	-
6.6.5.2	Inspect		-	-	-
6.6.5.3	Maintain		-	-	-
6.6.5.4	Operate		-	-	-
6.6.6	Dolly Assembly, HAB Transport Adapter				
6.6.6.1	Description		-	-	-
6.6.6.2	Inspect		-	-	-
6.6.6.3	Maintain		-	-	-
6.6.6.4	Operate		-	-	-
6.6.7	Maintenance Loading Adapter				
6.6.7.1	Description		-	-	-
6.6.7.2	Inspect		-	-	-
6.6.7.3	Maintain		-	-	-
6.6.7.4	Operate		-	-	-
6.6.8	Pylon Transport Stand				
6.6.8.1	Description		-	-	-
6.6.8.2	Inspect		-	-	-
6.6.8.3	Maintain		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.6.8.4	Operate		-	-	-
6.6.9	Transport Adapter HSAB				
6.6.9.1	Description		-	-	-
6.6.9.2	Inspect		-	-	-
6.6.9.3	Maintain		-	-	-
6.6.9.4	Operate		-	-	-
6.6.10	B-52 Yoke Stand				
6.6.10.1	Description		-	-	-
6.6.10.2	Inspect		-	-	-
6.6.10.3	Maintain		-	-	-
6.6.10.4	Operate		-	-	-
6.6.11	Lift Beam Assembly, B-52 Yoke				
6.6.11.1	Description		-	-	-
6.6.11.2	Inspect		-	-	-
6.6.11.3	Maintain		-	-	-
6.6.11.4	Operate		-	-	-
6.6.12	B-52 Yoke Adapter (Steel)				
6.6.12.1	Description		-	-	-
6.6.12.2	Inspect		-	-	-
6.6.12.3	Maintain		-	-	-
6.6.12.4	Operate		-	-	-
6.6.13	B-2 / B-52 Rotary Launcher Adapter				
6.6.13.1	Description		-	-	-
6.6.13.2	Inspect		-	-	-
6.6.13.3	Maintain		-	-	-
6.6.13.4	Operate		-	-	-
6.6.14	36 Inch Height Adapter				
6.6.14.1	Description		-	-	-
6.6.14.2	Inspect		-	-	-
6.6.14.3	Maintain		-	-	-
6.6.14.4	Operate		-	-	-
6.6.15	Skate Assembly, B-52 Cluster Rack				
6.6.15.1	Description		-	-	-
6.6.15.2	Inspect		-	-	-
6.6.15.3	Maintain		-	-	-
6.6.15.4	Operate		-	-	-
6.6.16	B-52 Bay Door T-Bar, Adjustable				
6.6.16.1	Description		-	-	-
6.6.16.2	Inspect		-	-	-
6.6.16.3	Maintain		-	-	-
6.6.16.4	Operate		-	-	-
6.6.17	MHU-101 Height Adapter				
6.6.17.1	Description		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.6.17.2	Inspect		-	-	-
6.6.17.3	Maintain		-	-	-
6.6.17.4	Operate		-	-	-
6.6.18	CRL Maintenance Stand				
6.6.18.1	Description		-	-	-
6.6.18.2	Inspect		-	-	-
6.6.18.3	Maintain		-	-	-
6.6.18.4	Operate		-	-	-
6.6.19	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D1-1, 35D2-2				
6.6.19.1	Launcher Loading Set (LLS)–MMHE (B-2, B-52) – Ref: TO 1B-52H-2-31JG-3				
6.6.19.1.1	Description		A	-	-
6.6.19.1.2	Inspect		-	-	-
6.6.19.1.3	Maintain		-	-	-
6.6.19.1.4	Operate		-	-	-
6.6.19.2.	Pylon Lift Beam – MMHE (B-52) – Ref: TO 11B29-3-52-2				
6.6.19.2.1	Description		-	-	-
6.6.19.2.2	Inspect		-	-	-
6.6.19.2.3	Maintain		-	-	-
6.6.19.2.4	Operate		-	-	-
6.6.19.3	Conventional Rotary Launcher (CRL) Maintenance Stand – MMHE (B-52) – Ref: TO 11L1-4-2-2				
6.6.19.3.1	Description and Theory of Operation		-	-	-
6.6.19.3.2	Inspect		-	-	-
6.6.19.3.3	Maintain		-	-	-
6.6.19.3.4	Operate		-	-	-
6.6.19.4	Conventional Rotary Launcher (CRL) Sling Assembly / Hoist and Dolly / Forklift – MMHE (B-52) - Ref: TO 11L1-4-2-2				
6.6.19.4.1	Description and Theory of Operation		-	-	-
6.6.19.4.2	Inspect		-	-	-
6.6.19.4.3	Maintain		-	-	-
6.6.19.4.4	Operate		-	-	-
6.6.19.5	RAM Air Scoop Fan Assembly – MMHE (B-52) – Ref: TO 1B-52-2-38GA-1				
6.6.19.5.1	Description and Theory of Operation		A	-	-
6.6.19.5.2	Inspect		-	-	-
6.6.19.5.3	Maintain		-	-	-
6.6.19.5.4	Operate		-	-	-
6.6.19.6	Launcher Loader Adapter (MMHE) – Ref: TOs 11LA15-3-2, 11N-L5006-11, 11N-H5084-2 – B-1, B-2, B-52				
6.6.19.6.1	Description		A	-	-
6.6.19.6.2	Inspect		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.6.19.6.3	Operate		2b	-	-
6.6.19.6.4	Maintain		-	-	-
6.7	Pylon Wing Adapter (PWA) – Ref: TOs 1B-52H-2-31-GA-1, 1B-52H-2-31JG Series				
6.7.1	Rig		-	-	-
6.7.2	Perform Operational Check		-	-	-
6.7.3	Rotor Assembly				
6.7.3.1	Remove		-	-	-
6.7.3.2	Disassemble		-	-	-
6.7.3.3	Assemble		-	-	-
6.7.3.4	Install		-	-	-
6.8	Test Equipment – Ref: TOs 11N-T5149-2-1, 11N-T5149-4, 11N-T5149-8, 33D5-30-6-1, 33D7-38-127-1, 33D7-38-127-4, 33D2-5-81-1, 35D5-30-9-1, 35D5-30-9-4				
6.8.1	Multi Use Systems Tester - Armament Next Generation (MUSTANG)				
6.8.1.1	Description		A	-	-
6.8.1.2	Inspect		1a	-	-
6.8.1.3	Maintain		-	-	-
6.8.1.4	Repair		-	-	-
6.8.2	Proofload Tester				
6.8.2.1	Description		A	-	-
6.8.2.2	Inspect		1a	-	-
6.8.2.3	Maintain		-	-	-
6.8.2.4	Repair		-	-	-
6.8.3	MAU-12 / 40 / 50 Tester				
6.8.3.1	Description		A	-	-
6.8.3.2	Inspect		1a	-	-
6.8.3.3	Maintain		-	-	-
6.8.3.4	Repair		-	-	-
6.8.4	Conventional Weapons Relay Panel Test – Ref: TO 33D7-50-1931-1				
6.8.4.1	Description		-	-	-
6.8.4.2	Inspect		-	-	-
6.8.4.3	Maintain		-	-	-
6.8.4.4	Repair		-	-	-
6.8.4.5	Operate		-	-	-
6.8.5	Interval Timer Test Set, DBRIC – Ref: TO 33A1-10-275-1				
6.8.5.1	Description		-	-	-
6.8.5.2	Inspect		-	-	-
6.8.5.3	Maintain		-	-	-
6.8.5.4	Repair		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
6.9	Fault Isolation Procedures – Ref: Flightline: TOs 1B-52H-2-31GA-1, 1B-52H-2-38GA-1; Backshop: TOs 16W6-47-2, 16W6-47-2, 11B29-3-21-2, 11B38-2-5-1, 11B38-2-5-1, 11B40-2-4-3, 11B29-3-52-2, 11B29-3-25-2, 11B29-3-25-2, 16W6-47-2, 35D5-53-13-1				
6.9.1	Principles of Troubleshooting		A	-	-
6.9.2	Use Fault Isolation Technical Orders	7	1a	-	-
6.9.3	Use Schematics / Wiring Diagrams	7	-	-	-
6.9.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
6.9.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	1a	-	-
6.9.6	Nuclear System Fault Isolation		-	-	-
6.10	Airmunitions (See Matrix) – Ref: TOs 1-1M-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, 11A-1-63				
6.10.1	Characteristics		A	-	-
6.10.2	Aircraft Preparation (TQT)	5F	1b	-	-
6.10.3	Munitions Preparation (TQT)	5F	1b	-	-
6.10.4	Load (TQT)	5F	1b	-	-
6.10.5	Unload (TQT)	5F	1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7	F-15 AIRCRAFT				
7.1	Aircraft – Ref: 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				
7.1.1	Aircraft Familiarization		A	-	-
7.1.2	Aircraft Switches, Controls, and Indicators		B	-	-
7.1.3	Aircraft Safety Devices		B	-	-
7.1.4	Aircraft Danger Areas		B	-	-
7.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	3b	-	-
7.1.6	Apply / Remove Aircraft External Electrical Power		2b	-	-
7.1.7	Stores Management System (SMS) – Ref: TOs 1F-15C-2-94GS-00-1, 1F-15C-34-1-3, 1F-15A-1, 1F-15E-2-94GS-00-1, 1F-15E-34-1-1				
7.1.7.1	Air to Air Theory of Operation	5	A	-	-
7.1.7.2	Air to Ground Theory of Operation	5	A	-	-
7.2	Gun System – Ref: TOs 1F-15()-2-94JG-50-Series, 1F-15()-2-94JG-73-1, 1F-15()-33-1-2, 11W1-7-15- 2, 11W1-7-17-2, 11W1-12-4-32, 33D5-3-50-1, 33D5-12-231-1				
7.2.1	Nomenclature		B	-	-
7.2.2	Function of Parts		B	-	-
7.2.3	Theory of Operation		B	-	-
7.2.4	Perform Safing and Clearing Procedures	5F	2b	-	-
7.2.5	Malfunctions / Jams	7	A	-	-
7.2.6	Perform Functional Check with A/E24T-199 Test Set		2b	-	-
7.2.7	Perform Operational Check with A/E24T-198 Tester		1b	-	-
7.2.8	Boresight		-	-	-
7.2.9	M61A1 Gun				
7.2.9.1	Nomenclature		B	-	-
7.2.9.2	Function of Parts		B	-	-
7.2.9.3	Cycle of Operation		B	-	-
7.2.9.4	Remove		2b	-	-
7.2.9.5	Disassemble		2b	-	-
7.2.9.6	Inspect		1b	-	-
7.2.9.7	Repair		-	-	-
7.2.9.8	Assemble		2b	-	-
7.2.9.9	Install		2b	-	-
7.2.9.10	Perform Performance In-Shop Check		2b	-	-
7.2.10	Drum Assembly				
7.2.10.1	Remove		2b	-	-
7.2.10.2	Disassemble		-	-	-
7.2.10.3	Inspect		-	-	-
7.2.10.4	Repair		-	-	-
7.2.10.5	Assemble		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.2.10.6	Install		2b	-	-
7.2.11	Container Assembly				
7.2.11.1	Remove		2b	-	-
7.2.11.2	Disassemble		-	-	-
7.2.11.3	Inspect		-	-	-
7.2.11.4	Repair		-	-	-
7.2.11.5	Assemble		-	-	-
7.2.11.6	Install		2b	-	-
7.2.12	Conveyor Assembly				
7.2.12.1	Remove		2b	-	-
7.2.12.2	Disassemble		-	-	-
7.2.12.3	Inspect		-	-	-
7.2.12.4	Repair		-	-	-
7.2.12.5	Assemble		-	-	-
7.2.12.6	Install		2b	-	-
7.2.13	Flow Regulator				
7.2.13.1	Remove		-	-	-
7.2.13.2	Install		-	-	-
7.2.14	Gear Box Assembly				
7.2.14.1	Remove		-	-	-
7.2.14.2	Inspect		-	-	-
7.2.14.3	Install		-	-	-
7.2.15	Hydraulic Drive Motor				
7.2.15.1	Remove		-	-	-
7.2.15.2	Inspect		-	-	-
7.2.15.3	Install		-	-	-
7.2.16	Rounds Limiter and Totalizer				
7.2.16.1	Remove		-	-	-
7.2.16.2	Inspect		-	-	-
7.2.16.3	Install		-	-	-
7.2.17	Main Drive Assembly				
7.2.17.1	Remove		-	-	-
7.2.17.2	Inspect		-	-	-
7.2.17.3	Install		-	-	-
7.2.18	Unload Drive Gearbox				
7.2.18.1	Remove		-	-	-
7.2.18.2	Inspect		-	-	-
7.2.18.3	Install		-	-	-
7.2.19	Drive Shaft Assembly				
7.2.19.1	Remove		2b	-	-
7.2.19.2	Inspect		-	-	-
7.2.19.3	Install		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.2.20	Conveyor Element Checking Fixture				
7.2.20.1	Inspect		-	-	-
7.2.20.2	Operate		-	-	-
7.2.21	Transfer Unit Checking Fixture				
7.2.21.1	Inspect		-	-	-
7.2.21.2	Operate		-	-	-
7.2.22	Entrance / Exit Unit Checking Fixture				
7.2.22.1	Inspect		-	-	-
7.2.22.2	Operate		-	-	-
7.2.23	Handoff Unit Checking Fixture (F-15A-D)				
7.2.23.1	Inspect		-	-	-
7.2.23.2	Operate		-	-	-
7.2.24	Handoff Unit Checking Fixture (F-15E)				
7.2.24.1	Inspect		-	-	-
7.2.24.2	Operate		-	-	-
7.2.25	Feed Unit Checking Fixture				
7.2.25.1	Inspect		-	-	-
7.2.25.2	Operate		-	-	-
7.2.26	Unload Unit Checking Fixture				
7.2.26.1	Inspect		-	-	-
7.2.26.2	Operate		-	-	-
7.3	Ammunition Loading Systems – Ref: TOs 35D30-4-11-1, 35D30-4-15-1, 35D30-4-15-4, 35D30-4-16-1, 35D2-19-1				
7.3.1	Nomenclature		A	-	-
7.3.2	Theory of Operation		A	-	-
7.3.3	Use UALS / LALS		2b	-	-
7.3.4	Universal Ammunition Loading System (UALS)				
7.3.4.1	Drum				
7.3.4.1.1	Remove		-	-	-
7.3.4.1.2	Disassemble		-	-	-
7.3.4.1.3	Inspect		-	-	-
7.3.4.1.4	Repair		-	-	-
7.3.4.1.5	Assemble		-	-	-
7.3.4.1.6	Install		-	-	-
7.3.4.2	Conveyor / Assembly				
7.3.4.2.1	Remove		-	-	-
7.3.4.2.2	Disassemble		-	-	-
7.3.4.2.3	Inspect		-	-	-
7.3.4.2.4	Repair		-	-	-
7.3.4.2.5	Assemble		-	-	-
7.3.4.2.6	Install		-	-	-
7.3.4.3	Interface Unit				
7.3.4.3.1	Remove		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.3.4.3.2	Disassemble		-	-	-
7.3.4.3.3	Inspect		-	-	-
7.3.4.3.4	Repair		-	-	-
7.3.4.3.5	Assemble		-	-	-
7.3.4.3.6	Install		-	-	-
7.3.4.4	UALS Interface Unit Checking Fixture				
7.3.4.4.1	Inspect		-	-	-
7.3.4.4.2	Operate		-	-	-
7.3.4.5	UALS Entrance / Exit Unit Checking Fixture				
7.3.4.5.1	Inspect		-	-	-
7.3.4.5.2	Operate		-	-	-
7.3.4.6	Conveyor Element Checking Fixture				
7.3.4.6.1	Inspect		-	-	-
7.3.4.6.2	Operate		-	-	-
7.3.5	Linkless Ammunition Loading System (LALS)				
7.3.5.1	Storage Container				
7.3.5.1.1	Remove		-	-	-
7.3.5.1.2	Disassemble		-	-	-
7.3.5.1.3	Inspect		-	-	-
7.3.5.1.4	Repair		-	-	-
7.3.5.1.5	Assemble		-	-	-
7.3.5.1.6	Install		-	-	-
7.3.5.2	Conveyor / Assembly				
7.3.5.2.1	Remove		-	-	-
7.3.5.2.2	Disassemble		-	-	-
7.3.5.2.3	Inspect		-	-	-
7.3.5.2.4	Repair		-	-	-
7.3.5.2.5	Assemble		-	-	-
7.3.5.2.6	Install		-	-	-
7.3.5.3	Universal Aircraft Interface Unit				
7.3.5.3.1	Remove		-	-	-
7.3.5.3.2	Disassemble		-	-	-
7.3.5.3.3	Inspect		-	-	-
7.3.5.3.4	Repair		-	-	-
7.3.5.3.5	Assemble		-	-	-
7.3.5.3.6	Install		-	-	-
7.3.5.4	Conveyor Element Checking Fixture				
7.3.5.4.1	Inspect		-	-	-
7.3.5.4.2	Operate		-	-	-
7.3.5.5	Ammunitions Delinker Loader				
7.3.5.5.1	Nomenclature		-	-	-
7.3.5.5.2	Theory Of Operation		-	-	-
7.3.5.5.3	Disassemble		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.3.5.5.4	Inspect		-	-	-
7.3.5.5.5	Repair		-	-	-
7.3.5.5.6	Assemble		-	-	-
7.3.5.5.7	Use		-	-	-
7.3.6	Ammunition Loading System Replenisher				
7.3.6.1	Nomenclature		-	-	-
7.3.6.2	Theory Of Operation		-	-	-
7.3.6.3	Disassemble		-	-	-
7.3.6.4	Inspect		-	-	-
7.3.6.5	Repair		-	-	-
7.3.6.6	Assemble		-	-	-
7.3.6.7	Use		-	-	-
7.4	Stores Suspension Equipment – Ref: TOs 1F-15()-2-94JG-31-Series, 1F-15()-2-94JG-32-Series, 1F-15()-6, 1F-15()-33-1-2, 6J14-5-11-8-1, 11B29-3-25-2, 11B29-3-28-1, 11B29-3-60-2, 11B29-3-61-2, 11B29-3-73-1, 11L1-3-28-2, 11L1-3-29-2, 11L1-2-24-2, 11L1-3-29-2, 16W6-25-2, 16W6-25-12, 33D5-53-13-1, 33D5-53-1-111, 1F-15A-4-6, 35D-2-2				
7.4.1	SUU-59 Pylon				
7.4.1.1	Description and Theory of Operation		A	-	-
7.4.1.2	Remove		2b	-	-
7.4.1.3	Disassemble		-	-	-
7.4.1.4	Inspect		-	-	-
7.4.1.5	Repair		-	-	-
7.4.1.6	Assemble		-	-	-
7.4.1.7	Install		2b	-	-
7.4.1.8	Perform Functional Check with A/E24T-199 Test Set		2b	-	-
7.4.1.9	Perform Bench Check with A/E24T-197 Test Set		1b	-	-
7.4.1.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.1.11	Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198		-	-	-
7.4.2	SUU-60 Pylon				
7.4.2.1	Description and Theory of Operation		-	-	-
7.4.2.2	Remove		-	-	-
7.4.2.3	Disassemble		-	-	-
7.4.2.4	Inspect		-	-	-
7.4.2.5	Repair		-	-	-
7.4.2.6	Assemble		-	-	-
7.4.2.7	Install		-	-	-
7.4.2.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.2.9	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.2.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.4.3	SUU-73A Pylon				
7.4.3.1	Description and Theory of Operation		-	-	-
7.4.3.2	Remove		-	-	-
7.4.3.3	Disassemble		-	-	-
7.4.3.4	Inspect		-	-	-
7.4.3.5	Repair		-	-	-
7.4.3.6	Assemble		-	-	-
7.4.3.7	Install		-	-	-
7.4.3.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.3.9	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.3.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.3.11	Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198		-	-	-
7.4.4	SUU-73B/A Pylon				
7.4.4.1	Description and Theory of Operation		-	-	-
7.4.4.2	Remove		-	-	-
7.4.4.3	Disassemble		-	-	-
7.4.4.4	Inspect		-	-	-
7.4.4.5	Repair		-	-	-
7.4.4.6	Assemble		-	-	-
7.4.4.7	Install		-	-	-
7.4.4.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.4.9	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.4.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.5	MAU-12 Bomb Rack				
7.4.5.1	Description and Theory of Operation		A	-	-
7.4.5.2	Remove		2b	-	-
7.4.5.3	Disassemble	5B	-	-	-
7.4.5.4	Inspect	5B	-	-	-
7.4.5.5	Repair		-	-	-
7.4.5.6	Assemble	5B	-	-	-
7.4.5.7	Install		2b	-	-
7.4.5.8	Perform Functional Check with A/E24T-199 Test Set		2b	-	-
7.4.5.9	Perform Bench Check with A/E24T-197 Test Set		2b	-	-
7.4.5.10	Perform Single Stores Check with A/E24T-198 Test Set		-	-	-
7.4.5.11	Perform Weight Check with Proofload Tester		-	-	-
7.4.6	BRU-46 Bomb Rack				
7.4.6.1	Description and Theory of Operation		A	-	-
7.4.6.2	Remove		2b	-	-
7.4.6.3	Disassemble		2b	-	-
7.4.6.4	Inspect		2b	-	-
7.4.6.5	Repair		-	-	-
7.4.6.6	Assemble		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.4.6.7	Install		2b	-	-
7.4.6.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.6.9	Perform Bench Check with A/E24T-197 Test Set		2b	-	-
7.4.6.10	Perform Operational Check with A/E24T-198 Test Set		1b	-	-
7.4.6.11	Perform Weight Check with Proofload Test Set		2b	-	-
7.4.7	BRU-47 Bomb Rack				
7.4.7.1	Description and Theory of Operation		A	-	-
7.4.7.2	Remove		-	-	-
7.4.7.3	Disassemble	5B	-	-	-
7.4.7.4	Inspect	5B	-	-	-
7.4.7.5	Repair		-	-	-
7.4.7.6	Assemble	5B	-	-	-
7.4.7.7	Install		-	-	-
7.4.7.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.7.9	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.7.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.7.11	Perform Weight Check with Proofload Test Set		-	-	-
7.4.7.12	Perform Nuclear Weapons Release System Checkout (CAT D) with A/E24T-198 Test Set		-	-	-
7.4.8	BRU-61 Bomb Rack				
7.4.8.1	Description and Theory of Operation		A	-	-
7.4.8.2	Remove		-	-	-
7.4.8.3	Disassemble		-	-	-
7.4.8.4	Inspect		-	-	-
7.4.8.5	Repair		-	-	-
7.4.8.6	Assemble		-	-	-
7.4.8.7	Install		-	-	-
7.4.8.8	Perform Operational (BIT) Check		-	-	-
7.4.8.9	Perform Bench Check with AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11		-	-	-
7.4.8.10	Perform Bench Check with ADU-890/E Test Set		-	-	-
7.4.9	LAU-106 Launcher				
7.4.9.1	Description and Theory of Operation		A	-	-
7.4.9.2	Remove		2b	-	-
7.4.9.3	Disassemble	5B	2b	-	-
7.4.9.4	Inspect	5B	2b	-	-
7.4.9.5	Repair		-	-	-
7.4.9.6	Assemble	5B	2b	-	-
7.4.9.7	Install		2b	-	-
7.4.9.8	Perform Functional Check with A/E24T-199 Test Set		2b	-	-
7.4.9.9	Breech Assembly Reconfiguration		-	-	-
7.4.9.10	Perform Bench Check with A/E24T-197 Test Set		2b	-	-
7.4.9.11	Perform Operational Check with A/E24T-198 Test Set		1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.4.10	ADU-552 Launcher Adapter				
7.4.10.1	Description and Theory of Operation		A	-	-
7.4.10.2	Remove		2b	-	-
7.4.10.3	Disassemble		-	-	-
7.4.10.4	Inspect		-	-	-
7.4.10.5	Repair		-	-	-
7.4.10.6	Assemble		-	-	-
7.4.10.7	Install		2b	-	-
7.4.10.8	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.11	LAU-128 Launcher				
7.4.11.1	Description and Theory of Operation		A	-	-
7.4.11.2	Remove		2b	-	-
7.4.11.3	Disassemble	5B	2b	-	-
7.4.11.4	Inspect	5B	2b	-	-
7.4.11.5	Repair		-	-	-
7.4.11.6	Assemble	5B	2b	-	-
7.4.11.7	Install		2b	-	-
7.4.11.8	Perform Functional Check with A/E24T-199 Test Set		2b	-	-
7.4.11.9	Perform Bench Check with A/E24T-197 Test Set		2b	-	-
7.4.11.10	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.11.11	Perform Detent Test		2b	-	-
7.4.12	SUU-20				
7.4.12.1	Description and Theory of Operation		-	-	-
7.4.12.2	Remove		-	-	-
7.4.12.3	Disassemble		-	-	-
7.4.12.4	Inspect		-	-	-
7.4.12.5	Repair		-	-	-
7.4.12.6	Assemble		-	-	-
7.4.12.7	Install		-	-	-
7.4.12.8	Perform Functional Check with A/E24T-199 Test Set		-	-	-
7.4.12.9	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.4.13	Conformal Fuel Tank (CFT), Armament Systems				
7.4.13.1	Description and Theory of Operation		A	-	-
7.4.13.2	Disassemble		-	-	-
7.4.13.3	Inspect		-	-	-
7.4.13.4	Repair		-	-	-
7.4.13.5	Assemble		-	-	-
7.4.13.6	Perform Fault Isolation with A/E24T-197 Test Set		-	-	-
7.4.13.7	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.4.14	BRU-46 / 47 Fairing Assembly (CFT)				
7.4.14.1	Description and Theory of Operation		-	-	-
7.4.14.2	Remove		-	-	-
7.4.14.3	Inspect		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.4.14.4	Install		-	-	-
7.5	Perform Basic Post-Flight Inspections				
7.5.1	F-15A-D Model – Ref: TOs 1F-15A-6, 1F-15A-2-94JG-31-1, 1F-15A-2-94JG-32-1, 1F-15A-2-94JG-50-3				
7.5.1.1	M61 Gun		-	-	-
7.5.1.2	LAU-106 Launcher		-	-	-
7.5.1.3	LAU-128 Launcher		-	-	-
7.5.1.4	MAU-12 Bomb Rack		-	-	-
7.5.2	F-15E – Ref: TOs 1F-15E-6, 1F-15E-2-94JG-50-3, 1F-15E-2-94JG-31-1, 1F-15E-2-94JG-32-1				
7.5.2.1	M61 Gun		-	-	-
7.5.2.2	LAU-106 Launcher		-	-	-
7.5.2.3	LAU-128 Launcher		-	-	-
7.5.2.4	SUU-20 Dispenser		-	-	-
7.6	Armament System Components – Ref: TOs 1F-15E-2-27JG-10-3, 1F-15E-2-31JG-14-1, 1F-15E-2-94JG-32-1, 1F-15E-33-1-2, 1F-15E-2-94GS-Series, 1F-15()-2-94JG-10-1, 1F-15A-2-94JG-31-6, 1F-15()-33-1-2, 16W6-25-8-1				
7.6.1	Component Functions		A	-	-
7.6.2	Perform Operational Check (PACS BIT Check)	5F	-	-	-
7.6.3	Converter Programmer				
7.6.3.1	Remove		1b	-	-
7.6.3.2	Install		1b	-	-
7.6.4	Armament Control Panel				
7.6.4.1	Remove		-	-	-
7.6.4.2	Install		-	-	-
7.6.5	Multipurpose Color Display				
7.6.5.1	Remove		-	-	-
7.6.5.2	Install		-	-	-
7.6.5.3	Perform Operational Check (MPCD BIT Check)		-	-	-
7.6.6	Master Armament Bus Control Contactor				
7.6.6.1	Remove		-	-	-
7.6.6.2	Install		-	-	-
7.6.7	Armament 1553 Mux Bus Coupling Transformer				
7.6.7.1	Remove		-	-	-
7.6.7.2	Install		-	-	-
7.6.8	Armament Bus Control Contactor				
7.6.8.1	Remove		-	-	-
7.6.8.2	Install		-	-	-
7.6.9	Emergency Jett Switch				
7.6.9.1	Remove		-	-	-
7.6.9.2	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.6.10	Missile Launcher Auxiliary Relay Panel				
7.6.10.1	Remove		-	-	-
7.6.10.2	Install		-	-	-
7.6.10.3	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.6.11	PACS Termination Resistor Assembly (Left and Right)				
7.6.11.1	Remove		-	-	-
7.6.11.2	Install		-	-	-
7.6.11.3	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.6.12	Armament Safety Switch				
7.6.12.1	Remove		-	-	-
7.6.12.2	Install		-	-	-
7.6.13	Nuclear Consent Panel				
7.6.13.1	Remove		-	-	-
7.6.13.2	Install		-	-	-
7.6.13.3	Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set		-	-	-
7.6.14	Encoder / Decoder				
7.6.14.1	Remove		-	-	-
7.6.14.2	Install		-	-	-
7.6.14.3	Perform Encoder / Decoder Bench Check with A/E-24T-197 Test Set		-	-	-
7.6.14.4	Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set		-	-	-
7.6.15	Power Supply				
7.6.15.1	Remove		-	-	-
7.6.15.2	Install		-	-	-
7.6.15.3	Perform Power Supply Bench Check with A/E-24T-197 Test Set		-	-	-
7.6.15.4	Perform Nuclear Weapons Release Check (CAT D) with A/E24T-198 Test Set		-	-	-
7.6.16	Electronic Sequencing Unit (ESU)				
7.6.16.1	Remove		-	-	-
7.6.16.2	Install		-	-	-
7.6.16.3	Perform Bench Check with A/E24T-197 Test Set		-	-	-
7.6.16.4	Perform Operational Check with A/E24T-198 Test Set		-	-	-
7.7	Support Equipment				
7.7.1	Gun Handling Adapter				
7.7.1.1	Description		A	-	-
7.7.1.2	Inspect		1b	-	-
7.7.1.3	Operate		2b	-	-
7.7.1.4	Maintain		-	-	-
7.7.2	Ammunition Drum / Container Support Equipment				
7.7.2.1	Description		A	-	-

84

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.7.2.2	Inspect		1b	-	-
7.7.2.3	Operate		2b	-	-
7.7.2.4	Maintain		-	-	-
7.7.3	ADU-537A/E Missile-Munitions Loading Adapter (MMLA) – Ref: TO 35DA3-6-37-1				
7.7.3.1	Description		-	-	-
7.7.3.2	Inspect		1b	-	-
7.7.3.3	Maintain		-	-	-
7.7.3.4	Operate		1b	-	-
7.7.4	Pylon Handling Adapter (Sled)				
7.7.4.1	Description		-	-	-
7.7.4.2	Inspect		-	-	-
7.7.4.3	Maintain		-	-	-
7.7.4.4	Operate		-	-	-
7.7.5	Pylon Installation Adapter(Spider Dolly)				
7.7.5.1	Description		-	-	-
7.7.5.2	Inspect		-	-	-
7.7.5.3	Maintain		-	-	-
7.7.5.4	Operate		-	-	-
7.7.6	CFT Transport Dolly				
7.7.6.1	Description		-	-	-
7.7.6.2	Inspect		-	-	-
7.7.6.3	Use		-	-	-
7.7.7	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D-1-1, 35D-2-2				
7.7.7.1	Enhanced Pylon Loading Adapter (EPLA / EPLA+) – MMHE (F-15) - Ref: TO 35D-2-2				
7.7.7.1.1	Description		A	-	-
7.7.7.1.2	Inspect		1b	-	-
7.7.7.1.3	Maintain		-	-	-
7.7.7.1.4	Operate		2b	-	-
7.7.7.2	Universal Pylon Loading Adapter (UPLA) – MMHE (F-15) – Ref: TO 35D-2-2				
7.7.7.2.1	Description		-	-	-
7.7.7.2.2	Inspect		-	-	-
7.7.7.2.3	Maintain		-	-	-
7.7.7.2.4	Operate		-	-	-
7.7.7.3	BRU-61 Loading Adapter – MMHE – (F-15)				
7.7.7.3.1	Description		A	-	-
7.7.7.3.2	Inspect		-	-	-
7.7.7.3.3	Maintain		-	-	-
7.7.7.3.4	Operate		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.8	Test Equipment – Ref: TOs 31R4-2PSN11-1, 33D5-3-50-1, 33D5-3-50-4, 33D5-12-231-1, 33D5-12-231-4, 33D5-53-13-1, 33D5-63-5-1, 33D5-63-5-4, 33D9-54-7-42				
7.8.1	A/E24T-197 Test Set				
7.8.1.1	Description		A	-	-
7.8.1.2	Inspect		1a	-	-
7.8.1.3	Maintain		-	-	-
7.8.1.4	Repair		-	-	-
7.8.2	A/E24T-198 Test Set				
7.8.2.1	Description		A	-	-
7.8.2.2	Inspect		1a	-	-
7.8.2.3	Maintain		-	-	-
7.8.2.4	Repair		-	-	-
7.8.3	A/E24T-199 Test Set				
7.8.3.1	Description		A	-	-
7.8.3.2	Inspect		1a	-	-
7.8.3.3	Maintain		-	-	-
7.8.3.4	Repair		-	-	-
7.8.4	Proofload Tester				
7.8.4.1	Description		A	-	-
7.8.4.2	Inspect		1a	-	-
7.8.4.3	Maintain		-	-	-
7.8.4.4	Repair		-	-	-
7.8.5	Detent Tester				
7.8.5.1	Description		A	-	-
7.8.5.2	Inspect		1a	-	-
7.8.5.3	Maintain		-	-	-
7.8.5.4	Repair		-	-	-
7.8.6	AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11				
7.8.6.1	Description		-	-	-
7.8.6.2	Inspect		-	-	-
7.8.6.3	Maintain		-	-	-
7.8.6.4	Repair		-	-	-
7.8.7	ADU-890/E Test Set				
7.8.7.1	Description		-	-	-
7.8.7.2	Inspect		-	-	-
7.8.7.3	Maintain		-	-	-
7.8.7.4	Repair		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
7.9	Fault Isolation Procedures–Ref: 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()-2-94JG-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				
7.9.1	Principles of Troubleshooting		A	-	-
7.9.2	Use Fault Isolation Technical Order	7	1a	-	-
7.9.3	Use Schematic/Wiring Diagrams	7	1a	-	-
7.9.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	1a	-	-
7.9.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
7.9.6	Nuclear System Fault Isolation		-	-	-
7.10	Airmunitions (See Matrix) – Ref: TOs 1-1M-34, 1F-15()-33-1-2, 11A-1-63				
7.10.1	Characteristics		A	-	-
7.10.2	Aircraft Preparation (TQT)	5F	1b	-	-
7.10.3	Munitions Preparation (TQT)	5F	1b	-	-
7.10.4	Load (TQT)	5F	1b	-	-
7.10.5	Unload (TQT)	5F	1b	-	-

87

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8	F-16 AIRCRAFT				
8.1	Aircraft – Ref: TOs 1F-16()-16, 1F-16()-2-94GS-00-1, 1F-16()-2-10JG-00-1, 1F-16C-33-1-2				
8.1.1	Aircraft Familiarization		A	-	-
8.1.2	Aircraft Switches, Controls, and Indicators		B	-	-
8.1.3	Aircraft Safety Devices		B	-	-
8.1.4	Aircraft Danger Areas		B	-	-
8.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	3b	-	-
8.1.6	Apply / Remove Aircraft External Electrical Power		2b	-	-
8.1.7	Stores Management System (SMS) – Ref: TOs 1F-16()-2-94GS-00-1, 1F-16()-2-00GV-00-1, 1F-16()-2-00GV-00-2, 1F-16()-2-00GV-00-3				
8.1.7.1	Air to Air Theory of Operation	5	A	-	-
8.1.7.2	Air to Ground Theory of Operation	5	A	-	-
8.2	Gun System – Ref: TOs 1F-16()-2-94JG-50-Series, 1F-16()-2-94GS-00-1, 1F-16C-2-94FI-00-1, 1F-16C-33-1-2, 11W1-7-16-2, 11W1-12-4-32				
8.2.1	Nomenclature		B	-	-
8.2.2	Function of Parts		B	-	-
8.2.3	Theory of Operation		B	-	-
8.2.4	Perform Safing and Clearing Procedures	5F	2b	-	-
8.2.5	Malfunctions / Jams	7	A	-	-
8.2.6	Perform Functional Check with 16U75060 Test Set		1b	-	-
8.2.7	Perform Operational Check with 16U75060 Test Set		1b	-	-
8.2.8	M61A1 Gun				
8.2.8.1	Nomenclature		B	-	-
8.2.8.2	Function of Parts		B	-	-
8.2.8.3	Cycle of Operation		B	-	-
8.2.8.4	Remove		2b	-	-
8.2.8.5	Disassemble		2b	-	-
8.2.8.6	Inspect		1b	-	-
8.2.8.7	Repair		-	-	-
8.2.8.8	Assemble		2b	-	-
8.2.8.9	Install		2b	-	-
8.2.8.10	Boresight		-	-	-
8.2.8.11	Perform Performance Check In-Shop		2b	-	-
8.2.9	Gun Aft Mount Assembly				
8.2.9.1	Remove		-	-	-
8.2.9.2	Install		-	-	-
8.2.10	Hydraulic Drive Assembly				
8.2.10.1	Remove		-	-	-
8.2.10.2	Install		-	-	-
8.2.11	Ammunition Handling Set				
8.2.11.1	Remove		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.2.11.2	Inspect		-	-	-
8.2.11.3	Install		2b	-	-
8.2.11.4	Adjust Slack		2b	-	-
8.2.11.5	Ammunition Drum Assembly				
8.2.11.5.1	Remove		-	-	-
8.2.11.5.2	Disassemble		-	-	-
8.2.11.5.3	Inspect		-	-	-
8.2.11.5.4	Repair		-	-	-
8.2.11.5.5	Assemble		-	-	-
8.2.11.5.6	Install		-	-	-
8.2.11.6	Entrance Unit				
8.2.11.6.1	Remove		-	-	-
8.2.11.6.2	Disassemble		-	-	-
8.2.11.6.3	Inspect		-	-	-
8.2.11.6.4	Repair		-	-	-
8.2.11.6.5	Assemble		-	-	-
8.2.11.6.6	Install		-	-	-
8.2.11.7	Exit Unit				
8.2.11.7.1	Remove		-	-	-
8.2.11.7.2	Disassemble		-	-	-
8.2.11.7.3	Inspect		-	-	-
8.2.11.7.4	Repair		-	-	-
8.2.11.7.5	Assemble		-	-	-
8.2.11.7.6	Install		-	-	-
8.2.11.8	Transfer Unit				
8.2.11.8.1	Remove		-	-	-
8.2.11.8.2	Disassemble		-	-	-
8.2.11.8.3	Inspect		-	-	-
8.2.11.8.4	Repair		-	-	-
8.2.11.8.5	Assemble		-	-	-
8.2.11.8.6	Install		-	-	-
8.2.11.9	Access Unit				
8.2.11.9.1	Remove		-	-	-
8.2.11.9.2	Disassemble		-	-	-
8.2.11.9.3	Inspect		-	-	-
8.2.11.9.4	Repair		-	-	-
8.2.11.9.5	Assemble		-	-	-
8.2.11.9.6	Install		-	-	-
8.2.11.10	Conveyor Assembly				
8.2.11.10.1	Remove		-	-	-
8.2.11.10.2	Disassemble		-	-	-
8.2.11.10.3	Inspect		-	-	-
8.2.11.10.4	Repair		-	-	-

89

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.2.11.10.5	Assemble		-	-	-
8.2.11.10.6	Install		-	-	-
8.2.11.11	Main Gun Drive Assembly				
8.2.11.11.1	Remove		-	-	-
8.2.11.11.2	Disassemble		-	-	-
8.2.11.11.3	Inspect		-	-	-
8.2.11.11.4	Repair		-	-	-
8.2.11.11.5	Assemble		-	-	-
8.2.11.11.6	Install		-	-	-
8.2.12	Transfer Unit Checking Fixture				
8.2.12.1	Inspect		-	-	-
8.2.12.2	Operate		-	-	-
8.2.13	Entrance / Exit Checking Fixture				
8.2.13.1	Inspect		-	-	-
8.2.13.2	Operate		-	-	-
8.2.14	Conveyor Element Checking Fixture				
8.2.14.1	Inspect		-	-	-
8.2.14.2	Operate		-	-	-
8.3	Ammunition Loading Systems – Ref: TOs 35D2-19-1, 35D30-4-11-1, 35D30-4-15-1, 1F-16C-33-1-2				
8.3.1	Nomenclature		A	-	-
8.3.2	Theory of Operation		A	-	-
8.3.3	Use UALS /LALS		2b	-	-
8.3.4	Universal Ammunition Loading System (UALS)				
8.3.4.1	Drum				
8.3.4.1.1	Remove		-	-	-
8.3.4.1.2	Disassemble		-	-	-
8.3.4.1.3	Inspect		-	-	-
8.3.4.1.4	Repair		-	-	-
8.3.4.1.5	Assemble		-	-	-
8.3.4.1.6	Install		-	-	-
8.3.4.2	Conveyor / Assembly				
8.3.4.2.1	Remove		-	-	-
8.3.4.2.2	Disassemble		-	-	-
8.3.4.2.3	Inspect		-	-	-
8.3.4.2.4	Repair		-	-	-
8.3.4.2.5	Assemble		-	-	-
8.3.4.2.6	Install		-	-	-
8.3.4.3	Interface Unit				
8.3.4.3.1	Remove		-	-	-
8.3.4.3.2	Disassemble		-	-	-
8.3.4.3.3	Inspect		-	-	-
8.3.4.3.4	Repair		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.3.4.3.5	Assemble		-	-	-
8.3.4.3.6	Install		-	-	-
8.3.4.4	Conveyor Element Checking Fixture				
8.3.4.4.1	Inspect		-	-	-
8.3.4.4.2	Operate		-	-	-
8.3.4.5	UALS Interface Unit Checking Fixture				
8.3.4.5.1	Inspect		-	-	-
8.3.4.5.2	Operate		-	-	-
8.3.4.6	UALS Entrance / Exit Unit Checking Fixture				
8.3.4.6.1	Inspect		-	-	-
8.3.4.6.2	Operate		-	-	-
8.3.5	Linkless Ammunition Loading System (LALS)				
8.3.5.1	Storage Container				
8.3.5.1.1	Remove		-	-	-
8.3.5.1.2	Disassemble		-	-	-
8.3.5.1.3	Inspect		-	-	-
8.3.5.1.4	Repair		-	-	-
8.3.5.1.5	Assemble		-	-	-
8.3.5.1.6	Install		-	-	-
8.3.5.2	Conveyor / Assembly				
8.3.5.2.1	Remove		-	-	-
8.3.5.2.2	Disassemble		-	-	-
8.3.5.2.3	Inspect		-	-	-
8.3.5.2.4	Repair		-	-	-
8.3.5.2.5	Assemble		-	-	-
8.3.5.2.6	Install		-	-	-
8.3.5.3	Interface Unit				
8.3.5.3.1	Remove		-	-	-
8.3.5.3.2	Disassemble		-	-	-
8.3.5.3.3	Inspect		-	-	-
8.3.5.3.4	Repair		-	-	-
8.3.5.3.5	Assemble		-	-	-
8.3.5.3.6	Install		-	-	-
8.3.5.4	Transfer Unit				
8.3.5.4.1	Remove		-	-	-
8.3.5.4.2	Disassemble		-	-	-
8.3.5.4.3	Inspect		-	-	-
8.3.5.4.4	Repair		-	-	-
8.3.5.4.5	Assemble		-	-	-
8.3.5.4.6	Install		-	-	-
8.3.6	Ammunition Loading System Replenisher				
8.3.6.1	Nomenclature		-	-	-
8.3.6.2	Theory Of Operation		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.3.6.3	Disassemble		-	-	-
8.3.6.4	Inspect		-	-	-
8.3.6.5	Repair		-	-	-
8.3.6.6	Assemble		-	-	-
8.3.6.7	Use		-	-	-
8.4	Stores Suspension Equipment – Ref: TOs 1F-16()-2-94JG-30-Series, 1F-16C-33-1-2, 1F-16()-2-94GS-00-1, 1F-16()-6, 1F-16()-6-11, 11B29-3-25-2, 11B29-3-25-7-1, 11B29-3-28-1, 11B29-3-28-7-1, 11B29-3-35-2, 11B29-3-71-1, 11L1-2-10-1, 11L1-2-10-7-1, 11L1-2-15-1, 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, 16W6-42-2, 16W6-51-2, 16W6-52-2, 16W6-53-2, 33D5-53-13-1, 33D5-63-23-1, 33D9-57-1				
8.4.1	Wing Weapons Pylon				
8.4.1.1	Description and Theory of Operation		A	-	-
8.4.1.2	Remove		2b	-	-
8.4.1.3	Disassemble		-	-	-
8.4.1.4	Inspect		-	-	-
8.4.1.5	Repair		-	-	-
8.4.1.6	Assemble		-	-	-
8.4.1.7	Install		2b	-	-
8.4.1.8	Perform Operational Check with SST O-Level Test Set		-	-	-
8.4.1.9	Perform Bench Check with SST I-Level Test Set		-	-	-
8.4.1.10	Perform Operational Check with RNRIU/SCRIU Installed		-	-	-
8.4.1.11	Perform Functional Check with 16U75060 Test Set		1b	-	-
8.4.1.12	Perform 1760 Umbilical Test		2b	-	-
8.4.2	ALE-50 Pylon				
8.4.2.1	Description and Theory of Operation		-	-	-
8.4.2.2	Remove		-	-	-
8.4.2.3	Disassemble		-	-	-
8.4.2.4	Inspect		-	-	-
8.4.2.5	Repair		-	-	-
8.4.2.6	Assemble		-	-	-
8.4.2.7	Install		-	-	-
8.4.2.8	Perform Functional Check with G132973-1 Fault Isolation System Tester (FIST)		-	-	-
8.4.3	Centerline Pylon				
8.4.3.1	Description and Theory of Operation		A	-	-
8.4.3.2	Remove		1b	-	-
8.4.3.3	Disassemble		-	-	-
8.4.3.4	Inspect		-	-	-
8.4.3.5	Repair		-	-	-
8.4.3.6	Assemble		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.4.3.7	Install		1b	-	-
8.4.3.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.3.9	Perform Bench Check with SST I-Level Test Set		-	-	-
8.4.3.10	Perform Operational Check with SST O-Level Test Set		-	-	-
8.4.3.11	Perform Operational Check with RNRIU/SCRIU Installed		-	-	-
8.4.4	MAU-12 Bomb Rack				
8.4.4.1	Description and Theory of Operation		A	-	-
8.4.4.2	Remove		2b	-	-
8.4.4.3	Disassemble	5B	2b	-	-
8.4.4.4	Inspect	5B	2b	-	-
8.4.4.5	Repair		-	-	-
8.4.4.6	Assemble	5B	2b	-	-
8.4.4.7	Install		2b	-	-
8.4.4.8	Perform Bench Check with MAU-12 / 40 / 50 Test Set		-	-	-
8.4.4.9	Perform Bench Check with SST I-Level Test Set		2b	-	-
8.4.4.10	Perform Weight Check with Proofload Tester		2b	-	-
8.4.5	BRU-46 Bomb Rack				
8.4.5.1	Description and Theory of Operation		-	-	-
8.4.5.2	Remove		-	-	-
8.4.5.3	Disassemble		-	-	-
8.4.5.4	Inspect		-	-	-
8.4.5.5	Repair		-	-	-
8.4.5.6	Assemble		-	-	-
8.4.5.7	Install		-	-	-
8.4.5.8	Perform Operational Check with SST I-Level Test Set		-	-	-
8.4.5.9	Perform Weight Check with Proofload Tester		-	-	-
8.4.6	BRU-57 Bomb Rack				
8.4.6.1	Description and Theory of Operation		A	B	-
8.4.6.2	Remove		2b	-	-
8.4.6.3	Disassemble		-	-	-
8.4.6.4	Inspect		-	-	-
8.4.6.5	Repair		-	-	-
8.4.6.6	Assemble		-	-	-
8.4.6.7	Install		2b	-	-
8.4.6.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.6.9	Perform Operational Check with SST I-Level Test Set		-	-	-
8.4.7	BRU-61 Bomb Rack				
8.4.7.1	Description and Theory of Operation		A	-	-
8.4.7.2	Remove		-	-	-
8.4.7.3	Disassemble		-	-	-
8.4.7.4	Inspect		-	-	-
8.4.7.5	Repair		-	-	-
8.4.7.6	Assemble		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.4.7.7	Install		-	-	-
8.4.7.8	Perform Bench Check with AN/GYQ-79 (CMBRE) Test Set Ref: TO 33D7-3-372-11		-	-	-
8.4.7.9	Perform Bench Check with ADU-890/E Test Set		-	-	-
8.4.8	LAU-129 Launcher				
8.4.8.1	Description and Theory of Operation		A	-	-
8.4.8.2	Remove		2b	-	-
8.4.8.3	Disassemble	5B	2b	-	-
8.4.8.4	Inspect	5B	2b	-	-
8.4.8.5	Repair		-	-	-
8.4.8.6	Assemble	5B	2b	-	-
8.4.8.7	Install		2b	-	-
8.4.8.8	Perform Functional Check with 16U75060 Test Set		2b	-	-
8.4.8.9	Perform Operational Check with SST O-Level Test Set		2b	-	-
8.4.8.10	Perform Bench Check with SST I-Level Test Set		2b	-	-
8.4.8.11	Perform Detent Test		2b	-	-
8.4.9	Launcher Adapter				
8.4.9.1	Description and Theory of Operation		-	-	-
8.4.9.2	Remove		-	-	-
8.4.9.3	Disassemble		-	-	-
8.4.9.4	Inspect		-	-	-
8.4.9.5	Repair		-	-	-
8.4.9.6	Assemble		-	-	-
8.4.9.7	Install		-	-	-
8.4.10	LAU-117 Launcher				
8.4.10.1	Description and Theory of Operation		A	-	-
8.4.10.2	Remove		-	-	-
8.4.10.3	Disassemble		-	-	-
8.4.10.4	Inspect		-	-	-
8.4.10.5	Repair		-	-	-
8.4.10.6	Assemble		-	-	-
8.4.10.7	Install		-	-	-
8.4.10.8	Perform Bench Check with SST I-Level Test Set		-	-	-
8.4.11	LAU-118 Launcher				
8.4.11.1	Description and Theory of Operation		A	-	-
8.4.11.2	Remove		1b	-	-
8.4.11.3	Disassemble		-	-	-
8.4.11.4	Inspect		-	-	-
8.4.11.5	Repair		-	-	-
8.4.11.6	Assemble		-	-	-
8.4.11.7	Install		1b	-	-
8.4.11.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.11.9	Perform Bench Check with TTU-416 Test Set		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.4.11.10	Perform Bench Check with AN/GSM-369 Test Set		-	-	-
8.4.11.11	Program using Enhanced Diagnostic Aid (EDNA)		-	-	-
8.4.12	LAU-131 Rocket Launcher				
8.4.12.1	Description and Theory of Operation		-	-	-
8.4.12.2	Remove		-	-	-
8.4.12.3	Disassemble		-	-	-
8.4.12.4	Inspect		-	-	-
8.4.12.5	Repair		-	-	-
8.4.12.6	Assemble		-	-	-
8.4.12.7	Install		-	-	-
8.4.12.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.12.9	Perform Functional Check with MK-III / MK-IV Tester		-	-	-
8.4.12.10	Perform Functional Check with Digital Multimeter		-	-	-
8.4.13	SUU-20				
8.4.13.1	Description and Theory of Operation		-	-	-
8.4.13.2	Remove		-	-	-
8.4.13.3	Disassemble		-	-	-
8.4.13.4	Inspect		-	-	-
8.4.13.5	Repair		-	-	-
8.4.13.6	Assemble		-	-	-
8.4.13.7	Install		-	-	-
8.4.13.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.13.9	Perform Bench Check with SST I-Level Test Set		-	-	-
8.4.14	Triple Ejector Rack (TER-9A)				
8.4.14.1	Description and Theory of Operation		A	-	-
8.4.14.2	Remove		1b	-	-
8.4.14.3	Disassemble		1b	-	-
8.4.14.4	Inspect		1b	-	-
8.4.14.5	Repair		-	-	-
8.4.14.6	Assemble		1b	-	-
8.4.14.7	Install		1b	-	-
8.4.14.8	Perform Functional Check with 16U75060 Test Set		1b	-	-
8.4.14.9	Perform Bench Check with SST I-Level Test Set		-	-	-
8.4.14.10	Perform Weight Check with Proofload Tester		-	-	-
8.4.15	Pylon Integrated Dispenser System (PIDS) Pylon – Ref: TO 16W6-54-2				
8.4.15.1	Description and Theory of Operation		-	-	-
8.4.15.2	Remove		-	-	-
8.4.15.3	Disassemble		-	-	-
8.4.15.4	Inspect		-	-	-
8.4.15.5	Repair		-	-	-
8.4.15.6	Assemble		-	-	-
8.4.15.7	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.4.15.8	Perform Functional Check with 16U75060 Test Set		-	-	-
8.4.15.9	Perform Bench Check with SST I-Level Test Set		-	-	-
8.5	Perform Basic Post-Flight Inspections – Ref: TOs 1F-16()-6, 1F-16()-6-11, 1F-16()-2-94JG-30-Series, 1F-16()-2-94JG-50-1				
8.5.1	TER-9A		2b	-	-
8.5.2	Gun		-	-	-
8.5.3	MAU-12 Bomb Rack		1b	-	-
8.5.4	LAU-117 Launcher		-	-	-
8.5.5	LAU-118 Launcher		-	-	-
8.5.6	LAU-129 Launcher		-	-	-
8.5.7	SUU-20 Dispenser		-	-	-
8.5.8	LAU-131 Rocket Launcher		-	-	-
8.5.9	ALE-50 Launcher Controller		-	-	-
8.6	Armament Systems Components – Ref: TOs 1F-16()-2-94JG-10-Series, 1F-16()-2-94JG-30-Series, 1F-16()-2-94JG-50-2, 1F-16()-2-94JG-70-3, 11L1-2-16-2, 11L1-2-30-1, 12P3-2ALE50-2				
8.6.1	Component Functions		A	-	-
8.6.2	Perform Stores Management System Confidence Check	7F	-	-	-
8.6.3	Conventional RIU / ACRIU				
8.6.3.1	Remove		-	-	-
8.6.3.2	Install		-	-	-
8.6.4	Missile RIU / AMRIU				
8.6.4.1	Remove		-	-	-
8.6.4.2	Install		-	-	-
8.6.5	Ruggedized Nuclear RIU/ Special Carry RIU				
8.6.5.1	Remove		-	-	-
8.6.5.2	Install		-	-	-
8.6.6	Jettison / Release RIU				
8.6.6.1	Remove		-	-	-
8.6.6.2	Install		-	-	-
8.6.7	Stores Control Panel / MFD				
8.6.7.1	Remove		-	-	-
8.6.7.2	Install		-	-	-
8.6.8	Master Arm and Release Matrix				
8.6.8.1	Remove		-	-	-
8.6.8.2	Install		-	-	-
8.6.9	SMS Power Matrix				
8.6.9.1	Remove		-	-	-
8.6.9.2	Install		-	-	-
8.6.10	Wing Stores Matrix				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.6.10.1	Remove		-	-	-
8.6.10.2	Install		-	-	-
8.6.11	STA #5 Stores Matrix				
8.6.11.1	Remove		-	-	-
8.6.11.2	Install		-	-	-
8.6.12	Gun Control Unit				
8.6.12.1	Remove		-	-	-
8.6.12.2	Install		-	-	-
8.6.12.3	Perform O-Level SST Checkout		-	-	-
8.6.12.4	Perform I-level SST Checkout		-	-	-
8.6.13	ALE-50 Launcher Controller				
8.6.13.1	Remove		-	-	-
8.6.13.2	Install		-	-	-
8.6.13.3	Program		-	-	-
8.6.13.4	Perform AN/ALE-50 BIT and Stray Voltage Checkout using FIST		-	-	-
8.6.14	Modular Mission Computer (MMC)				
8.6.14.1	Description and Theory of Operation		-	-	-
8.6.14.2	Remove		-	-	-
8.6.14.3	Install		-	-	-
8.6.14.4	Removal / Installation of Chassis and Cards		-	-	-
8.6.15	Central Interface Unit / ACIU / CCIU				
8.6.15.1	Program		-	-	-
8.7	Support Equipment				
8.7.1	ADU-537A/E Missile-Munitions Loading Adapter				
8.7.1.1	Description		A	-	-
8.7.1.2	Inspect		1b	-	-
8.7.1.3	Maintain		-	-	-
8.7.1.4	Operate		1b	-	-
8.7.2	AIM-120 Lift Beam				
8.7.2.1	Description		-	-	-
8.7.2.2	Inspect		-	-	-
8.7.2.3	Maintain		-	-	-
8.7.2.4	Operate		-	-	-
8.7.3	20mm Ammunition Drum Hoist				
8.7.3.1	Description		-	-	-
8.7.3.2	Inspect		-	-	-
8.7.3.3	Maintain		-	-	-
8.7.3.4	Operate		-	-	-
8.7.4	MJ-1 Forks				
8.7.4.1	Description		-	-	-
8.7.4.2	Inspect		-	-	-
8.7.4.3	Maintain		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.7.4.4	Operate		-	-	-
8.7.5	WWP Adapter				
8.7.5.1	Description		-	-	-
8.7.5.2	Inspect		-	-	-
8.7.5.3	Maintain		-	-	-
8.7.5.4	Operate		-	-	-
8.7.6	MHU-83 Fork Adapter				
8.7.6.1	Description		-	-	-
8.7.6.2	Inspect		-	-	-
8.7.6.3	Maintain		-	-	-
8.7.6.4	Operate		-	-	-
8.7.7	MHU-83 Hook Adapter				
8.7.7.1	Description		-	-	-
8.7.7.2	Inspect		-	-	-
8.7.7.3	Maintain		-	-	-
8.7.7.4	Operate		-	-	-
8.7.8	Element Loading Chute				
8.7.8.1	Use		-	-	-
8.7.9	M61A1 Gun Sling				
8.7.9.1	Description		-	-	-
8.7.9.2	Inspect		-	-	-
8.7.9.3	Maintain		-	-	-
8.7.9.4	Operate		-	-	-
8.7.10	Lug Beam				
8.7.10.1	Description		-	-	-
8.7.10.2	Inspect		-	-	-
8.7.10.3	Maintain		-	-	-
8.7.10.4	Operate		-	-	-
8.7.11	Barrel Erosion Gage				
8.7.11.1	Use		-	-	-
8.7.12	UALS Lifting Sling				
8.7.12.1	Description		-	-	-
8.7.12.2	Inspect		-	-	-
8.7.12.3	Maintain		-	-	-
8.7.12.4	Operate		-	-	-
8.7.13	Breech Space Gage				
8.7.13.1	Use		-	-	-
8.7.14	Minimum Rounds Gage				
8.7.14.1	Use		-	-	-
8.7.15	BRU-46 / 47 Filter Puller				
8.7.15.1	Use		-	-	-
8.7.16	MHU-32 Equipment Stand				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.7.16.1	Description		-	-	-
8.7.16.2	Inspect		-	-	-
8.7.16.3	Maintain		-	-	-
8.7.16.4	Operate		-	-	-
8.7.17	Pylon Maintenance Fixture				
8.7.17.1	Description		-	-	-
8.7.17.2	Inspect		-	-	-
8.7.17.3	Maintain		-	-	-
8.7.17.4	Operate		-	-	-
8.7.18	Retainer Partition Gage				
8.7.18.1	Use		-	-	-
8.7.19	LAU-129 Rail Gage Set (Local Man)				
8.7.19.1	Use		-	-	-
8.7.20	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D-1-1, 35D-2-2				
8.7.20.1	BRU-61 Loading Adapter – MMHE (F-16)				
8.7.20.1.1	Description and Theory of Operation		A	-	-
8.7.20.1.2	Inspect		-	-	-
8.7.20.1.3	Repair		-	-	-
8.7.20.1.4	Use		-	-	-
8.7.20.1.5	Maintain		-	-	-
8.8	Test Equipment – Ref: TOs 11B29-3-25-2, 11B29-3-39-2, 11L1-3-27-1, 33D5-3-47-1, 33D5-53-1-11, 33D5-53-13-1, 33D5-63-2-1, 33D5-63-2-21, 33D5-63-3-1, 33D7-13-231-1, 33D9-54-7-42, 33D7-75-34-1, 33D9-45-42-1				
8.8.1	16U75060 Test Set				
8.8.1.1	Description		A	-	-
8.8.1.2	Inspect		1a	-	-
8.8.1.3	Maintain		-	-	-
8.8.1.4	Repair		-	-	-
8.8.2	Stores System Tester (SST) Instrument Unit (16U75A46002G001)				
8.8.2.1	Description		A	-	-
8.8.2.2	Inspect		1a	-	-
8.8.2.3	Maintain		-	-	-
8.8.2.4	Repair		-	-	-
8.8.3	SST Organizational Level Adapter Set (16U75A47002G001)				
8.8.3.1	Description		-	-	-
8.8.3.2	Inspect		-	-	-
8.8.3.3	Maintain		-	-	-
8.8.3.4	Repair		-	-	-
8.8.4	SST Intermediate Level Adapter Set (16U75A48002G001)				

99

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.8.4.1	Description		A	-	-
8.8.4.2	Inspect		1a	-	-
8.8.4.3	Maintain		-	-	-
8.8.4.4	Repair		-	-	-
8.8.5	MAU-12 / 40 / 50 Tester				
8.8.5.1	Description		-	-	-
8.8.5.2	Inspect		-	-	-
8.8.5.3	Maintain		-	-	-
8.8.5.4	Repair		-	-	-
8.8.6	Detent Tester				
8.8.6.1	Description		A	-	-
8.8.6.2	Inspect		1a	-	-
8.8.6.3	Maintain		-	-	-
8.8.6.4	Repair		-	-	-
8.8.7	Proofload Tester				
8.8.7.1	Description		A	-	-
8.8.7.2	Inspect		1a	-	-
8.8.7.3	Maintain		-	-	-
8.8.7.4	Repair		-	-	-
8.8.8	MK-III / MK-IV Tester				
8.8.8.1	Description		-	-	-
8.8.8.2	Inspect		-	-	-
8.8.8.3	Maintain		-	-	-
8.8.8.4	Repair		-	-	-
8.8.9	G132973-1 Fault Isolation System Tester (FIST)				
8.8.9.1	Description		-	-	-
8.8.9.2	Inspect		-	-	-
8.8.9.3	Maintain		-	-	-
8.8.9.4	Repair		-	-	-
8.8.10	Multiplex Bus Fault Isolator				
8.8.10.1	Description		A	-	-
8.8.10.2	Inspect		-	-	-
8.8.10.3	Maintain		-	-	-
8.8.10.4	Repair		-	-	-
8.8.11	AN/GSM-396 (GM LTS)				
8.8.11.1	Description		-	-	-
8.8.11.2	Inspect		-	-	-
8.8.11.3	Maintain		-	-	-
8.8.11.4	Repair		-	-	-
8.8.12	AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11				
8.8.12.1	Description		-	-	-
8.8.12.2	Inspect		-	-	-
8.8.12.3	Maintain		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
8.8.12.4	Repair		-	-	-
8.8.13	ADU-890/E Test Set				
8.8.13.1	Description		-	-	-
8.8.13.2	Inspect		-	-	-
8.8.13.3	Maintain		-	-	-
8.8.13.4	Repair		-	-	-
8.8.14	Viper Memory Load Verifier (MLV)				
8.8.14.1	Description		-	-	-
8.8.14.2	Inspect		-	-	-
8.8.14.3	Perform Software Update / Load of System Operational Flight Program (OFP) / Mission Data File (MDF)		-	-	-
8.9	Fault Isolation Procedures – Ref: TOs 1F-16()-2-94FI-00-1, 1F-16()-2-94JG-00-1, 1F-16()-2-94WD-00-1-5				
8.9.1	Principles of Troubleshooting		A	-	-
8.9.2	Use Fault Isolation Technical Orders	7	1a	-	-
8.9.3	Use Schematics / Wiring Diagrams	7	1a	-	-
8.9.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	1a	-	-
8.9.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
8.9.6	Nuclear System Fault Isolation		-	-	-
8.10	Cockpit Armament Controls: – Ref: TOs 1F-16()-2-94JG-10-Series, 1F-16()-2-94JG-Series				
8.10.1	Armament Panels				
8.10.1.1	Remove		-	-	-
8.10.1.2	Install		-	-	-
8.10.2	Armament Switches				
8.10.2.1	Remove		-	-	-
8.10.2.2	Install		-	-	-
8.11	Airmunitions (See Matrix) – Ref: TOs 1-1M-33, 1F-16()-16, 1F-16C-33-1-2, 11A-1-63				
8.11.1	Characteristics		A	-	-
8.11.2	Aircraft Preparation (TQT)	5F	1b	-	-
8.11.3	Munitions Preparation (TQT)	5F	1b	-	-
8.11.4	Load (TQT)	5F	1b	-	-
8.11.5	Unload (TQT)	5F	1b	-	-

101

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9	F-22 AIRCRAFT				
9.1	Aircraft – Ref: TOs 1-1A-1, IMIS				
9.1.1	Aircraft Familiarization		A	-	-
9.1.2	Aircraft Safety Devices		B	-	-
9.1.3	Aircraft Danger Areas		B	-	-
9.1.4	Aircraft Switches, Controls, and Indicators		B	-	-
9.1.5	Perform Aircraft Safe for Maintenance Procedures	5F	1b	-	-
9.1.6	Remove / Install Panels		1b	-	-
9.1.7	Open / Close Canopy		1b	-	-
9.1.8	Apply / Remove Aircraft External Electrical Power		-	-	-
9.1.9	Depressurize Aircraft Hydraulic System		1b	-	-
9.1.10	Low Observable Awareness		-	-	-
9.1.11	Integrated Maintenance Information System (IMIS)				
9.1.11.1	Overview		A	-	-
9.1.11.2	Components		A	-	-
9.1.11.3	Operation		3b	-	-
9.1.11.4	Portable Maintenance Aid (PMA)				
9.1.11.4.1	Overview		A	-	-
9.1.11.4.2	Operation		3b	-	-
9.1.11.4.3	Connect / Disconnect to / from Ground		3b	-	-
9.1.11.4.4	Connect / Disconnect to / from Pilot Station		-	-	-
9.1.11.4.5	Upload / Download Information to / from PMA		3b	-	-
9.2	Auxiliary Power System IMIS				
9.2.1	Overview		A	-	-
9.2.2	Safety Hazards		A	-	-
9.2.3	PMA Operation		2b	-	-
9.3	Aircraft Actuated Doors IMIS				
9.3.1	Main Weapons Bay Doors				
9.3.1.1	PMA Operation		2b	-	-
9.3.1.2	Manual Operation		2b	-	-
9.3.1.3	Operational Check		2b	-	-
9.3.1.4	Remove		-	-	-
9.3.1.5	Install		-	-	-
9.3.1.6	Alignment		1b	-	-
9.3.1.7	Rigging		b	-	-
9.3.2	Side Weapons Bay Doors				
9.3.2.1	PMA Operation		-	-	-
9.3.2.2	Manual Operation		-	-	-
9.3.2.3	Operational Check		-	-	-
9.3.2.4	Remove		-	-	-
9.3.2.5	Install		-	-	-
9.3.2.6	Alignment		-	-	-
9.3.2.7	Rigging		b		

102

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.3.3	Infrared Countermeasures (IRCM) Door				
9.3.3.1	PMA Operation		2b	-	-
9.3.3.2	Operational Check		-	-	-
9.3.4	Weapons Doors Components IMIS				
9.3.4.1	AIM-120 Guides and Restraints				
9.3.4.1.1	Remove		-	-	-
9.3.4.1.2	Install		-	-	-
9.3.4.2	Side Weapons Bay Door Close Inhibit Switch				
9.3.4.2.1	Remove		-	-	-
9.3.4.2.2	Install		-	-	-
9.3.4.2.3	Adjust		-	-	-
9.3.4.3	Power Drive Unit				
9.3.4.3.1	Main Weapons Bay				
9.3.4.3.1.1	Remove		-	-	-
9.3.4.3.1.2	Inspect		2b	-	-
9.3.4.3.1.3	Install		-	-	-
9.3.4.3.1.4	Service		2b	-	-
9.3.4.3.2	Side Weapons Bay				
9.3.4.3.2.1	Remove		-	-	-
9.3.4.3.2.2	Inspect		-	-	-
9.3.4.3.2.3	Install		-	-	-
9.3.4.3.2.4	Service		-	-	-
9.3.4.4	Open Sensor				
9.3.4.4.1	Remove		-	-	-
9.3.4.4.2	Install		-	-	-
9.3.4.4.3	Adjust		-	-	-
9.3.4.5	Close Sensor				
9.3.4.5.1	Remove		-	-	-
9.3.4.5.2	Install		-	-	-
9.3.4.5.3	Adjust		-	-	-
9.3.4.6	Weapons Bay Torque Tubes				
9.3.4.6.1	Remove		-	-	-
9.3.4.6.2	Install		-	-	-
9.3.4.7	Weapons Bay Strut				
9.3.4.7.1	Remove		-	-	-
9.3.4.7.2	Install		-	-	-
9.4	Stores Management System (SMS) IMIS				
9.4.1	Overview		B	-	-
9.4.2	System Safety Hazards		B	-	-
9.4.3	Air to Air Theory of Operation	5	A	-	-
9.4.4	Air to Ground Theory of Operation	5	A	-	-
9.4.5	Line Replaceable Modules				
9.4.5.1	Remove		1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.4.5.2	Install		1b	-	-
9.4.6	SMS Station Test				
9.4.6.1	Master Arm Switch Operational Check		-	-	-
9.4.6.2	Jettison Switch Operational Check		-	-	-
9.4.6.3	Select Jettison Switch Operational Check		-	-	-
9.4.6.4	SMS I-BIT Checks		-	-	-
9.4.6.5	Stick Grip Switches Operational Checks		-	-	-
9.4.6.6	Throttle Switches Operational Checks		-	-	-
9.5	Gun System – Ref: TOs 11W1-12-15-2, IMIS				
9.5.1	Nomenclature		B	-	-
9.5.2	Function of Parts		B	-	-
9.5.3	Theory of Operation		B	-	-
9.5.4	Safety Hazards		B	-	-
9.5.5	Perform Safing and Clearing Procedures	5F	2b	-	-
9.5.6	Malfunctions or Jams	7	A	-	-
9.5.7	Gun Safing Door				
9.5.7.1	Open		-	-	-
9.5.7.2	Close		-	-	-
9.5.7.3	Remove		-	-	-
9.5.7.4	Install		-	-	-
9.5.8	Gun Purge Door				
9.5.8.1	Remove		-	-	-
9.5.8.2	Install		-	-	-
9.5.8.3	Operate Gun Purge Door		2b	-	-
9.5.8.4	Gun Purge Door Actuator				
9.5.8.4.1	Remove		-	-	-
9.5.8.4.2	Install		-	-	-
9.5.8.4.3	Adjust		-	-	-
9.5.8.5	Gun Port Door				
9.5.8.5.1	Remove		-	-	-
9.5.8.5.2	Install		-	-	-
9.5.8.5.3	Operate Gun Port Door		2b	-	-
9.5.9	M61A2 Gun				
9.5.9.1	Nomenclature		B	-	-
9.5.9.2	Function of Parts		B	-	-
9.5.9.3	Cycle of Operation		B	-	-
9.5.9.4	Remove		2b	-	-
9.5.9.5	Disassemble		2b	-	-
9.5.9.6	Inspect		1b	-	-
9.5.9.7	Repair		-	-	-
9.5.9.8	Assemble		2b	-	-
9.5.9.9	Install		2b	-	-
9.5.9.10	Perform In-Shop Performance Check		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.5.10	Ammunition Container				
9.5.10.1	Remove		2b	-	-
9.5.10.2	Disassemble		-	-	-
9.5.10.3	Inspect		-	-	-
9.5.10.4	Repair		-	-	-
9.5.10.5	Assemble		-	-	-
9.5.10.6	Install		2b	-	-
9.5.10.7	Adjust Recoil Track		-	-	-
9.5.11	Ammunition Container Drive Shaft				
9.5.11.1	Remove		2b	-	-
9.5.11.2	Inspect		-	-	-
9.5.11.3	Install		2b	-	-
9.5.12	Ballistic Chute Cover				
9.5.12.1	Remove		-	-	-
9.5.12.2	Inspect		-	-	-
9.5.12.3	Install		-	-	-
9.5.13	Transfer Unit				
9.5.13.1	Remove		2b	-	-
9.5.13.2	Disassemble		-	-	-
9.5.13.3	Inspect		-	-	-
9.5.13.4	Repair		-	-	-
9.5.13.5	Assemble		-	-	-
9.5.13.6	Install		2b	-	-
9.5.14	Rounds Limit Switch				
9.5.14.1	Remove		-	-	-
9.5.14.2	Install		-	-	-
9.5.15	Last Round Switch				
9.5.15.1	Remove		-	-	-
9.5.15.2	Install		-	-	-
9.5.16	Gun Drive Shaft				
9.5.16.1	Remove		2b	-	-
9.5.16.2	Inspect		-	-	-
9.5.16.3	Install		2b	-	-
9.5.17	Hydraulic Drive				
9.5.17.1	Remove		-	-	-
9.5.17.2	Inspect		-	-	-
9.5.17.3	Install		-	-	-
9.5.18	Hydraulic Drive Unit Handle				
9.5.18.1	Remove		-	-	-
9.5.18.2	Install		-	-	-
9.5.19	Gun Safe Actuator				
9.5.19.1	Remove		-	-	-
9.5.19.2	Inspect		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.5.19.3	Install		-	-	-
9.5.19.4	Adjust		-	-	-
9.6	Ammunition Loading Systems – Ref: TOs 35D30-4-10-1, 35D30-4-11-1, 35D30-4-15-1				
9.6.1	Nomenclature		A	-	-
9.6.2	Theory of Operation		A	-	-
9.6.3	Use UALS		2b	-	-
9.6.4	Universal Ammunition Loading Systems (UALS)				
9.6.4.1	Drum				
9.6.4.1.1	Remove		-	-	-
9.6.4.1.2	Disassemble		-	-	-
9.6.4.1.3	Inspect		-	-	-
9.6.4.1.4	Repair		-	-	-
9.6.4.1.5	Assemble		-	-	-
9.6.4.1.6	Install		-	-	-
9.6.4.2	Conveyor Assembly				
9.6.4.2.1	Remove		-	-	-
9.6.4.2.2	Disassemble		-	-	-
9.6.4.2.3	Inspect		-	-	-
9.6.4.2.4	Repair		-	-	-
9.6.4.2.5	Assemble		-	-	-
9.6.4.2.6	Install		-	-	-
9.6.4.3	Interface Unit				
9.6.4.3.1	Remove		-	-	-
9.6.4.3.2	Disassemble		-	-	-
9.6.4.3.3	Inspect		-	-	-
9.6.4.3.4	Repair		-	-	-
9.6.4.3.5	Assemble		-	-	-
9.6.4.3.6	Install		-	-	-
9.6.4.4	Conveyor Element Checking Fixture				
9.6.4.4.1	Inspect		-	-	-
9.6.4.4.2	Operate		-	-	-
9.6.4.5	UALS Interface Unit Checking Fixture				
9.6.4.5.1	Inspect		-	-	-
9.6.4.5.2	Operate		-	-	-
9.6.4.6	UALS Entrance / Exit Unit Checking Fixture				
9.6.4.6.1	Inspect		-	-	-
9.6.4.6.2	Operate		-	-	-
9.6.5	Ammunition Loading System Replenisher				
9.6.5.1	Nomenclature		-	-	-
9.6.5.2	Theory Of Operation		-	-	-
9.6.5.3	Disassemble		-	-	-
9.6.5.4	Inspect		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.6.5.5	Repair		-	-	-
9.6.5.6	Assemble		-	-	-
9.6.5.7	Operate		-	-	-
9.7	Stores Suspension Equipment–Ref: TOs 11B29-3-60-2, 11B29-3-61-2, 11L1-2-24-2, 16W6-56-2, IMIS				
9.7.1	Pylon				
9.7.1.1	Description and Theory of Operation		A	-	-
9.7.1.2	Remove		2b	-	-
9.7.1.3	Disassemble		-	-	-
9.7.1.4	Inspect		-	-	-
9.7.1.5	Repair		-	-	-
9.7.1.6	Assemble		-	-	-
9.7.1.7	Install		2b	-	-
9.7.1.8	Perform Bench Check using TTU-584/E		-	-	-
9.7.2	Pyrotechnic Arming Unit				
9.7.2.1	Description and Theory of Operation		-	-	-
9.7.2.2	Remove		-	-	-
9.7.2.3	Inspect		-	-	-
9.7.2.4	Install		-	-	-
9.7.3	LAU-141 (CRL) Launcher				
9.7.3.1	Description and Theory of Operation		A	-	-
9.7.3.2	Remove		2b	-	-
9.7.3.3	Disassemble		-	-	-
9.7.3.4	Inspect		-	-	-
9.7.3.5	Repair		-	-	-
9.7.3.6	Assemble		-	-	-
9.7.3.7	Install		2b	-	-
9.7.3.8	Extend / Retract		2b	-	-
9.7.3.9	Reconfigure		-	-	-
9.7.4	Trapeze Actuator				
9.7.4.1	Description and Theory of Operation		-	-	-
9.7.4.2	Remove		-	-	-
9.7.4.3	Install		-	-	-
9.7.4.4	Inspect		-	-	-
9.7.5	Forward / Aft Trapeze Arm				
9.7.5.1	Description and Theory of Operation		-	-	-
9.7.5.2	Remove		-	-	-
9.7.5.3	Install		-	-	-
9.7.5.4	Inspect		-	-	-
9.7.6	LAU-142 (AVEL) Launcher				
9.7.6.1	Description and Theory of Operation		A	-	-
9.7.6.2	Remove		2b	-	-
9.7.6.3	Inspect		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.7.6.4	Install		2b	-	-
9.7.6.5	Extend / Retract		2b	-	-
9.7.6.6	Service Accumulator		2b	-	-
9.7.7	BRU-46 Bomb Rack				
9.7.7.1	Description and Theory of Operation		A	-	-
9.7.7.2	Remove		2b	-	-
9.7.7.3	Disassemble	5B	2b	-	-
9.7.7.4	Inspect	5B	2b	-	-
9.7.7.5	Repair		-	-	-
9.7.7.6	Assemble	5B	2b	-	-
9.7.7.7	Install		2b	-	-
9.7.7.8	Perform Proofload Test		2b	-	-
9.7.7.9	Perform Bench Check using TTU-584/E Test Set		2b	-	-
9.7.7.10	BRU-46 Bomb Rack Adapter				
9.7.7.10.1	Remove		2b	-	-
9.7.7.10.2	Inspect		2b	-	-
9.7.7.10.3	Install		2b	-	-
9.7.8	BRU-47 Bomb Rack				
9.7.8.1	Description and Theory of Operation		-	-	-
9.7.8.2	Remove		-	-	-
9.7.8.3	Disassemble		-	-	-
9.7.8.4	Inspect		-	-	-
9.7.8.5	Repair		-	-	-
9.7.8.6	Assemble		-	-	-
9.7.8.7	Install		-	-	-
9.7.8.8	Perform Proofload Test		-	-	-
9.7.8.9	Perform Bench Check using TTU-584/E Test Set		-	-	-
9.7.9	BRU-61 Bomb Rack				
9.7.9.1	Description and Theory of Operation		A	-	-
9.7.9.2	Remove		-	-	-
9.7.9.3	Disassemble		-	-	-
9.7.9.4	Inspect		-	-	-
9.7.9.5	Repair		-	-	-
9.7.9.6	Assemble		-	-	-
9.7.9.7	Install		-	-	-
9.7.9.8	Perform Bench Check using AN/GYQ-79 (CMBRE) Test Set Ref: TO 33D7-3-372-11		-	-	-
9.7.9.9	Perform Bench Check using ADU-890/E Test Set		-	-	-
9.8	Perform Basic Post-Flight Inspections IMIS				
9.8.1	Pylon		-	-	-
9.8.2	LAU-141 Launcher		-	-	-
9.8.3	LAU-142 Launcher		-	-	-
9.8.4	BRU-46 Bomb Rack		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.8.5	BRU-47 Bomb Rack		-	-	-
9.8.6	Gun System		-	-	-
9.9	Support Equipment				
9.9.1	Ammunition Container Handling Adapter				
9.9.1.1	Description		A		
9.9.1.2	Inspect		-	-	-
9.9.1.3	Maintain		-		
9.9.1.4	Operate		-	-	-
9.9.2	ADU-537A/E Missile-Munitions Loading Adapter				
9.9.2.1	Description		A	-	-
9.9.2.2	Inspect		1b	-	-
9.9.2.3	Maintain		-	-	-
9.9.2.4	Operate		1b	-	-
9.9.3	Munition Maintenance Handling Equipment (MMHE) – Ref: TOs 35D1-1, 35D2-2				
9.9.3.1	Gun Handling Adapter – MMHE (F-22) – Ref: TO 35D-2-2				
9.9.3.1.1	Description		A	-	-
9.9.3.1.2	Inspect		2b	-	-
9.9.3.1.3	Maintain		-	-	-
9.9.3.1.4	Operate		2b	-	-
9.9.3.2	Pylon Loading Adapter – MMHE (F-22) – Ref: TO 35D-2-2				
9.9.3.2.1	Description		A	-	-
9.9.3.2.2	Inspect		1b	-	-
9.9.3.2.3	Maintain		-	-	-
9.9.3.2.4	Operate		1b	-	-
9.9.3.3	Enhanced Pylon Loading Adapter (EPLA) – MMHE (F-22) – Ref: TO 35D-2-2				
9.9.3.3.1	Description		-	-	-
9.9.3.3.2	Inspect		-	-	-
9.9.3.3.3	Maintain		-	-	-
9.9.3.3.4	Operate		-	-	-
9.9.3.4	6.5" Height Adapter– MMHE (F-22)– Ref: TO 35D-2-2				
9.9.3.4.1	Description		A	-	-
9.9.3.4.2	Inspect		1b	-	-
9.9.3.4.3	Maintain		-	-	-
9.9.3.4.4	Operate		1b	-	-
9.9.3.5	BRU-61 Loading Adapter – MMHE (F-22)				
9.9.3.5.1	Description		A	-	-
9.9.3.5.2	Inspect		-	-	-
9.9.3.5.3	Maintain		-	-	-
9.9.3.5.4	Operate		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.10	Test Equipment–Ref: TOs 33D5-3-50-1,33D5-3-50-4, 33D5-12-231-1,33D5-12-231-4, 33D5-53-13-1, 33D5-63-5-1,33D5-63-5-4,33D9-54-7-42,33D5-3-51-1-WA-1				
9.10.1	Detent Tester				
9.10.1.1	Description		-	-	-
9.10.1.2	Inspect		-	-	-
9.10.1.3	Maintain		-	-	-
9.10.1.4	Repair		-	-	-
9.10.2	Proofload Tester				
9.10.2.1	Description		A	-	-
9.10.2.2	Inspect		1a	-	-
9.10.2.3	Maintain		-	-	-
9.10.2.4	Repair		-	-	-
9.10.3	TTU-584/E (COLT)				
9.10.3.1	Description		A	-	-
9.10.3.2	Inspect		1a	-	-
9.10.3.3	Maintain		-	-	-
9.10.3.4	Repair		-	-	-
9.10.4	TTU-584/E (COLT) Accessory Kit				
9.10.4.1	Description		A	-	-
9.10.4.2	Inspect		1a	-	-
9.10.4.3	Maintain		-	-	-
9.10.4.4	Repair		-	-	-
9.10.5	F-22 Test Programmable Set (TPS)				
9.10.5.1	Description		A	-	-
9.10.5.2	Inspect		1a	-	-
9.10.5.3	Maintain		-	-	-
9.10.5.4	Repair		-	-	-
9.10.6	AN/GYQ-79 (CMBRE) Test Set-Ref: TO 33D7-3-372-11				
9.10.6.1	Description		-	-	-
9.10.6.2	Inspect		-	-	-
9.10.6.3	Maintain		-	-	-
9.10.6.4	Repair		-	-	-
9.10.7	ADU-890/E Test Set				
9.10.7.1	Description		-	-	-
9.10.7.2	Inspect		-	-	-
9.10.7.3	Maintain		-	-	-
9.10.7.4	Repair		-	-	-
9.10.8	SMS Wrap Around Tester (SWAT) – (WP792828-1) Ref: TOs 33D5-3-51-1-WA-1, 941001				
9.10.8.1.	Description	-	A	-	-
9.10.8.2.	Inspect	-	1a	-	-
9.10.8.3.	Maintain	-	-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
9.10.8.4.	Repair	-	-	-	-
9.10.9.	Hardware Self Tester (HST)				
9.10.9.1.	Description	-	A	-	-
9.10.9.2.	Inspect	-	1a/-	-	-
9.10.9.3.	Maintain	-	-	-	-
9.10.9.4.	Repair	-	-	-	-
9.11	Fault Isolation Procedures – Ref: TOs 11L1-2-24-2, 11B29-3-60-2, 11B29-3-61-2, IMIS				
9.11.1	Principles of Troubleshooting		A	-	-
9.11.2	Use Fault Isolation Technical Data	7	1a	-	-
9.11.3	Use Schematics / Wiring Diagrams	7	1a	-	-
9.11.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
9.11.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7	-	-	-
9.11.6	Retrieve Faults from Global Manager		-	-	-
9.11.7	Retrieve Faults from Process AT File for Ground Maintenance	5	-	-	-
9.12	Aircraft Functional Checks with TTU-584/E IMIS				
9.12.1	Pylon		2b	-	-
9.12.2	LAU-141		2b	-	-
9.12.3	LAU-142		2b	-	-
9.12.4	BRU-46		2b	-	-
9.12.5	Gun System		-	-	-
9.13	Aircraft Functional Checks with SWAT				
9.13.1	Pylon		-	-	-
9.13.2	LAU-141		-	-	-
9.13.3	LAU-142		-	-	-
9.13.4	BRU-46		-	-	-
9.13.5	Gun System		-	-	-
9.14	Airmunitions (See Matrix) – Ref: TOs 1-1M-33, 11A-1-63, 144000				
9.14.1	Characteristics		A	-	-
9.14.2	Aircraft Preparation (TQT)	5F	1b	-	-
9.14.3	Munitions Preparation (TQT)	5F	1b	-	-
9.14.4	Load (TQT)	5F	1b	-	-
9.14.5	Unload (TQT)	5F	1b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10	F-35 AIRCRAFT				
10.1	Aircraft Ref: ALIS/JTD				
10.1.1	Aircraft Familiarization		A	-	-
10.1.2	Aircraft Switches, Controls, and Indicators		A	-	-
10.1.3	Aircraft Safety Devices		A	-	-
10.1.4	Aircraft Danger Areas		A	-	-
10.1.5	Perform Aircraft Safe for Maintenance Procedures	5	2b	-	-
10.1.6	Apply / Remove Aircraft External Electrical Power		1b	-	-
10.1.7	External Hydraulic Power		1b	-	-
10.1.8	Canopy Operation - Manual		1b	-	-
10.1.9	Canopy Operation - Electrical		1b	-	-
10.1.10	IPP Operation		1b	-	-
10.1.11	Low Observable Awareness		-	A	-
10.1.12	Autonomic Logistics Information System (ALIS)				
10.1.12.1	ALIS Overview		A	-	-
10.1.12.2	ALIS Components		-	-	-
10.1.12.3	Point of Entry (POE)		2b	-	-
10.1.12.4	Computerized Maintenance Management System (CMMS)				
10.1.12.4.1	Squadron Status		A	2b	-
10.1.12.4.2	Support Equipment Status Overview		-	A	-
10.1.12.4.3	Material Requisitions List Overview		-	A	-
10.1.12.4.4	Alternate Mission Equipment (AME) and Weapons Information Usage		A	2b	-
10.1.12.4.5	Aircraft Forms				
10.1.12.4.5.1	Work Order List		-	2b	-
10.1.12.4.5.2	Work Order Execution		2b	-	-
10.1.12.4.5.3	Work Order Completion		2b	-	-
10.1.12.4.5.4	Time Compliance Technical Order (TCTO) Management		-	A	2b
10.1.12.4.5.5	Follow-On Maintenance (FOM) Requirements		A	2b	-
10.1.12.5	Customer Relationship Management (CRM)		-	-	-
10.1.12.5.1	Action Request (AR)		A	-	-
10.1.12.5.2	Urgent Field Notice (UFN)		A	-	-
10.1.12.5.3	Distribution Tracking Record (DTR)		-	-	A
10.1.12.5.4	Field Survey (FS)		-	-	A
10.1.12.6	Deployment Planning Tool (DPT)				
10.1.12.6.1	Overview		-	-	-
10.1.12.7	Electronic Equipment Logbook (EEL) Data Viewer				
10.1.12.7.1	Overview		-	-	A
10.1.12.8	Flight Scheduling Decision Support (FSDS)		-	-	-
10.1.12.8.1	Overview		-	-	-
10.1.12.9	Joint Technical Data (JTD)				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.1.12.9.1	Overview		A	-	-
10.1.12.9.2	Usage		2b	-	-
10.1.12.10	Low Observable Health Assessment System (LOHAS)				
10.1.12.10.1	Overview		-	-	A
10.1.12.11	Maintenance Management-Production Asset Inspection Requirement Software (MM-PAIRS)				
10.1.12.11.1	Overview		A	-	-
10.1.12.11.2	PAIR/AMC Look Ahead & Reports			2b	
10.1.12.11.3	Usage Review/Update				B
10.1.12.12	Maintenance Vehicle Interface (MVI)				
10.1.12.12.1	Overview		A	-	-
10.1.12.12.2	Connect		2b	-	-
10.1.12.12.3	Navigate		2b	-	-
10.1.12.12.4	Disconnect		2b	-	-
10.1.12.13	Offboard Mission Support (OBS)				
10.1.12.13.1	Overview		-	-	-
10.1.12.14	Supply Chain Management (SCM)				
10.1.12.14.1	Overview			A	-
10.1.12.15	Squadron Health Management (SHM)				
10.1.12.15.1	Overview		A	-	-
10.1.12.16	Training Management System (TMS)				
10.1.12.16.1	Overview		-	-	-
10.1.12.17	Anomaly and Failure Resolution System (AFRS)				
10.1.12.17.1	Overview		A	-	-
10.1.12.17.2	Perform Fault Isolation		A	-	-
10.1.12.18	Fault Reporting and Corrective Action System				
10.1.12.18.1	Overview		A	-	-
10.1.12.19	Portable Maintenance Aid (PMA)				
10.1.12.19.1	Overview		A	-	-
10.1.12.19.2	Connect / Disconnect		1b	-	-
10.1.12.19.3	Operate		A	-	-
10.1.12.19.4	Perform Upload / Download Information To / From PMA		2b	-	-
10.2	F-35 Equipment Management				
10.2.1	Lightening II Support Equipment Management System (LSEMS)				
10.2.1.1	Overview		-	A	-
10.2.1.2	Use		-	-	2b
10.2.2	Alternate Mission Equipment Tracking System (AMETS)				
10.2.2.1	Overview		-	A	-
10.2.2.2	Use		-	-	2b
10.3	Gun System				

113

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.3.1	Nomenclature		A	-	-
10.3.2	Function of Parts		A	-	-
10.3.3	Theory of Operation		B	-	-
10.3.4	Perform Safing and Clearing Procedures	5F	-	2b	-
10.3.5	Malfunctions / Jams	7	-	-	-
10.3.6	25mm Gun				
10.3.6.1	Nomenclature		A	-	-
10.3.6.2	Function of Parts		A	-	-
10.3.6.3	Cycle of Operation		B	-	-
10.3.6.4	Remove		2b	-	-
10.3.6.5	Disassemble		-	2b	-
10.3.6.6	Inspect		-	2b	-
10.3.6.7	Repair		-	-	-
10.3.6.8	Assemble		-	2b	-
10.3.6.9	Install		2b	-	-
10.3.6.10	Perform Operational Checkout		-	2b	-
10.3.7	Gun System Control Unit				
10.3.7.1	Remove		1b	-	-
10.3.7.2	Inspect		-	-	-
10.3.7.3	Install		1b	-	-
10.3.8	Gun Assembly				
10.3.8.1	Remove		1b/-	-	-
10.3.8.2	Inspect		-	2b	-
10.3.8.3	Repair		-	-	-
10.3.8.4	Lubricate		-	2b	-
10.3.8.5	Install		1b/-	-	-
10.3.9	Muzzle Clamp				
10.3.9.1	Remove		1b/-	-	-
10.3.9.2	Inspect		-	-	-
10.3.9.3	Install		1b/-	-	-
10.3.10	Clevis Bolts				
10.3.10.1	Remove		1b/-	-	-
10.3.10.2	Inspect		-	-	-
10.3.10.3	Install		1b/-	-	-
10.3.11	Arming Solenoid				
10.3.11.1	Remove		1b/-	-	-
10.3.11.2	Inspect		-	-	-
10.3.11.3	Install		1b/-	-	-
10.3.12	Breech Bolt Assembly				
10.3.12.1	Remove		1b/-	-	-
10.3.12.2	Inspect		-	2b	-
10.3.12.3	Lubricate		-	2b	-
10.3.12.4	Install		1b/-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.3.13	Safing / Firing Cam Assembly				
10.3.13.1	Remove		1b/-	-	-
10.3.13.2	Inspect		-	2b	-
10.3.13.3	Lubricate		-	2b	-
10.3.13.4	Install		1b/-	-	-
10.3.14	Container Assembly-Ammunition Handling System (AHS)				
10.3.14.1	Remove		2b	-	-
10.3.14.2	Inspect		-	-	-
10.3.14.3	Install		2b	-	-
10.3.15	Container Drive Shaft				
10.3.15.1	Remove		2b	-	-
10.3.15.2	Inspect		-	-	-
10.3.15.3	Install		2b	-	-
10.3.16	Gun Drive Shaft				
10.3.16.1	Remove		2b	-	-
10.3.16.2	Inspect		-	-	-
10.3.16.3	Install		2b	-	-
10.3.17	Muzzle Sleeve				
10.3.17.1	Remove		1b/-	-	-
10.3.17.2	Inspect		-	-	-
10.3.17.3	Lubricate		-	-	-
10.3.17.4	Install		1b/-	-	-
10.3.18	Transfer Unit				
10.3.18.1	Remove		1b/-	-	-
10.3.18.2	Inspect		-	-	-
10.3.18.3	Repair		-	-	-
10.3.18.4	Install		1b/-	-	-
10.3.19	Safing Solenoid				
10.3.19.1	Remove		1b/-	-	-
10.3.19.2	Inspect		-	-	-
10.3.19.3	Install		1b/-	-	-
10.3.20	Lock / Unlock CAM				
10.3.20.1	Remove		1b/-	-	-
10.3.20.2	Inspect		-	-	-
10.3.20.3	Install		1b/-	-	-
10.3.21	Upload / Download Interface				
10.3.21.1	Remove		1b/-	-	-
10.3.21.2	Inspect		-	-	-
10.3.21.3	Install		1b/-	-	-
10.3.22	Sensor, Auto Safe				
10.3.22.1	Remove		1b/-	-	-
10.3.22.2	Inspect		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.3.22.3	Install		1b/-	-	-
10.3.23	Hydraulic Drive Motor / Gearbox Assembly				
10.3.23.1	Remove		1b/-	-	-
10.3.23.2	Inspect		-	-	-
10.3.23.3	Install		1b/-	-	-
10.3.24	Gun Motion Sensor				
10.3.24.1	Inspect Gun Motion Sensor #1		1b/-	-	-
10.3.24.2	Inspect Gun Motion Sensor #2		-	-	-
10.3.25	Gun Gas Purge Door Actuator				
10.3.25.1	Remove		1b/-	-	-
10.3.25.2	Install		1b/-	-	-
10.3.26	Gun Port Door Actuator				
10.3.26.1	Inspect		-	-	-
10.3.27	Ammunition Loading System				
10.3.27.1	Nomenclature		A	-	-
10.3.27.2	Theory of Operation		A	-	-
10.3.27.3	Use 25mm Bulk Loader		1b/-	-	-
10.3.27.4	25mm Bulk Loader Ref: JTD S94-50, SEMM 2SJG02159				
10.3.27.4.1	Nomenclature		-	-	-
10.3.27.4.2	Function of Parts		-	-	-
10.3.27.4.3	Cycle of Operation		-	-	-
10.3.27.4.4	Disassemble		-	-	-
10.3.27.4.5	Inspect		-	-	-
10.3.27.4.6	Repair		-	-	-
10.3.27.4.7	Assemble		-	-	-
10.3.27.4.8	Perform Performance Check		-	-	-
10.3.27.4.9	Conveyor Assembly				
10.3.27.4.9.1	Disassemble		-	-	-
10.3.27.4.9.2	Inspect		-	-	-
10.3.27.4.9.3	Repair		-	-	-
10.3.27.4.9.4	Assemble		-	-	-
10.3.27.4.10	Ammunition Magazine				
10.3.27.4.10.1	Disassemble		-	-	-
10.3.27.4.10.2	Inspect		-	-	-
10.3.27.4.10.3	Repair		-	-	-
10.3.27.4.10.4	Assemble		-	-	-
10.4	Aircraft Actuated Doors				
10.4.1	Left Hand / Right Hand Weapons Bay Doors				
10.4.1.1	Manual Open / Close		-	-	-
10.4.1.2	Hydraulic Open / Close		2b	-	-
10.4.2	Countermeasure Doors				
10.4.2.1	Open / Close Infrared Countermeasures (IRCM) Doors		-	-	-
10.4.2.2	Open / Close RFCM Doors		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.5	Stores Suspension Equipment				
10.5.1	SUU-95/A (Air-to-Ground Pylon)				
10.5.1.1	Description and Theory of Operation		A	-	-
10.5.1.2	Remove		2b	-	-
10.5.1.3	Inspect		2b	-	-
10.5.1.4	Install		2b	-	-
10.5.1.5	Perform Checks Using Wrap Around Test Set (WATS)		-	-	-
10.5.1.6	Air-to-Ground Pylon PPS				
10.5.1.6.1	Remove / Install ECU		1b/-	-	-
10.5.1.6.2	Remove / Install Filter		1b/-	-	-
10.5.1.6.3	Remove / Install Compressor		1b/-	-	-
10.5.1.6.4	Repair		-	-	-
10.5.2	SUU-96/A (Air-to-Air Pylon)				
10.5.2.1	Description and Theory of Operation		A	-	-
10.5.2.2	Remove		2b	-	-
10.5.2.3	Inspect		2b	-	-
10.5.2.4	Install		2b	-	-
10.5.2.5	Perform Checks Using Wrap Around Test Set (WATS)		-	-	-
10.5.2.6	Repair		-	-	-
10.5.3	LAU-147 Launcher				
10.5.3.1	Description and Theory of Operation		A	-	-
10.5.3.2	Remove		2b	-	-
10.5.3.3	Inspect		2b	-	-
10.5.3.4	Install		2b	-	-
10.5.3.5	Perform Checks Using Wrap Around Test Set (WATS)		1b	-	-
10.5.3.6	Repair		-	-	-
10.5.4	LAU-151 (Alternate Advance Rail Launcher)				
10.5.4.1	Description and Theory of Operation		A	-	-
10.5.4.2	Remove		2b	-	-
10.5.4.3	Inspect		2b	-	-
10.5.4.4	Install		2b	-	-
10.5.4.5	Perform Checks Using Wrap Around Test Set (WATS)		-	-	-
10.5.4.6	Repair		-	-	-
10.5.5	BRU-61 Bomb Rack				
10.5.5.1	Description and Theory of Operation		A	-	-
10.5.5.2	Remove		1b	-	-
10.5.5.3	Disassemble		-	-	-
10.5.5.4	Inspect		1b	-	-
10.5.5.5	Repair		-	-	-
10.5.5.6	Assemble		-	-	-
10.5.5.7	Install		1b	-	-
10.5.5.8	Perform Bench Check using AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11		-	-	-

117

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.5.5.9	Perform Bench Check using ADU-890/E Test Set		-	-	-
10.5.6	BRU-68 Bomb Rack				
10.5.6.1	Description and Theory of Operation		A	-	-
10.5.6.2	Remove		2b	-	-
10.5.6.3	Inspect		2b	-	-
10.5.6.4	Install		2b	-	-
10.5.6.5	Repair			-	-
10.5.7	ADU-930/A Adapter (High in the Bay (HIB))				
10.5.7.1	Description and Theory of Operation		A	-	-
10.5.7.2	Remove		2b	-	-
10.5.7.3	Inspect		2b	-	-
10.5.7.4	Install		2b	-	-
10.5.7.5	Repair		-	-	-
10.5.8	ADU-931/A Adapter (Low in the Bay (LIB))				
10.5.8.1	Description and Theory of Operation		A	-	-
10.5.8.2	Remove		2b	-	-
10.5.8.3	Inspect		2b	-	-
10.5.8.4	Install		2b	-	-
10.5.8.5	Repair		-	-	-
10.5.9	ADU-934/A Adapter (SDB-1)				
10.5.9.1	Description and Theory of Operation		-	-	-
10.5.9.2	Remove		-	-	-
10.5.9.3	Inspect		-	-	-
10.5.9.4	Install		-	-	-
10.5.9.5	Repair		-	-	-
10.5.10	Ordnance Quick Latch System (OQLS)				
10.5.10.1	Description and Theory of Operation		A	-	-
10.5.10.2	Operational Check		1b	-	-
10.5.10.3	Forward Adapter Latch				
10.5.10.3.1	Remove		-	-	-
10.5.10.3.2	Inspect		2b	-	-
10.5.10.3.3	Install		-	-	-
10.5.10.4	Center Adapter Latch				
10.5.10.4.1	Remove		-	-	-
10.5.10.4.2	Inspect		2b	-	-
10.5.10.4.3	Install		-	-	-
10.5.10.5	Aft Adapter Latch				
10.5.10.5.1	Remove		-	-	-
10.5.10.5.2	Inspect		2b	-	-
10.5.10.5.3	Install		-	-	-
10.6	Stores Management System (SMS) Ref: ALIS (JTD A94-10, US-F35A-FM-ANNEX-001)				
10.6.1	Overview		A	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.6.2	Air to Air Theory of Operation	5	A	-	-
10.6.3	Air to Ground Theory of Operation	5	A	-	-
10.6.4	Perform Wrap Around Test		-	-	-
10.6.5	Perform Flare Stray Volt Check		-	-	-
10.6.6	Perform SMS Weapons Switch Check		2b	-	-
10.6.7	Fuselage Remote Interface Unit (FRIU)				
10.6.7.1	Remove		1b/-	-	-
10.6.7.2	Install		1b/-	-	-
10.7	Pneumatic Power System (PPS)				
10.7.1	Weapons Bay PPS				
10.7.1.1	Remove / Install ECU		-	-	-
10.7.1.2	Remove / Install Filter / Manifold		1b/-	-	-
10.7.1.3	Remove / Install Motor Compressor		1b/-	-	-
10.8	Support Equipment Ref: JTD S94, SEMM				
10.8.1	ADU-537A/E Missile Munitions Loading Adapter (MMLA)				
10.8.1.1	Description		A		
10.8.1.2	Inspect		1b	-	-
10.8.1.3	Maintain		-	-	-
10.8.1.4	Operate		1b	-	-
10.8.2	Gun Handling Adapter				
10.8.2.1	Description		-	-	-
10.8.2.2	Inspect		-	-	-
10.8.2.3	Maintain				
10.8.2.4	Operate				
10.8.3	Ammunition Handling System Adapter				
10.8.3.1	Description		-	-	-
10.8.3.2	Inspect		-	-	-
10.8.3.3	Maintain				
10.8.3.4	Operate				
10.8.4	Munition Maintenance Handling Equipment (MMHE) Ref: TOs 35D1-1, 35D2-2				
10.8.4.1	Load Extended Table Adapter (LETA) – MMHE (F-35)				
10.8.4.1.1	Description		-	-	-
10.8.4.1.2	Inspect		-	-	-
10.8.4.1.3	Maintain		-	-	-
10.8.4.1.4	Operate		-	-	-
10.8.4.2	External Pylon Loading Adapter (EPLA) – MMHE (F-35)				
10.8.4.2.1	Description		A		
10.8.4.2.2	Inspect		2b	-	-
10.8.4.2.3	Maintain		2b	-	-
10.8.4.2.4	Operate		2b	-	-
10.8.4.3	BRU-61 Loading Adapter – MMHE (F-35)				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
10.8.4.3.1	Description and Theory of Operation		A	-	-
10.8.4.3.2	Inspect		1b	-	-
10.8.4.3.3	Maintain		1b	-	-
10.8.4.3.4	Use		1b	-	-
10.9	Test Equipment				
10.9.1	Stray Voltage Tester				
10.9.1.1	Description		-	-	-
10.9.1.2	Inspect		-	-	-
10.9.1.3	Maintain		-	-	-
10.9.1.4	Repair		-	-	-
10.9.2	Wrap Around Connectors Test Set				
10.9.2.1	Description		-	-	-
10.9.2.2	Inspect		-	-	-
10.9.2.3	Maintain		-	-	-
10.9.2.4	Repair		-	-	-
10.9.3	AN/GYQ-79 (CMBRE) Test Set-Ref: TO 33D7-3-372-11				
10.9.3.1	Description		-	-	-
10.9.3.2	Inspect		-	-	-
10.9.3.3	Maintain		-	-	-
10.9.3.4	Repair		-	-	-
10.9.4	ADU-890/E Test Set				
10.9.4.1	Description		-	-	-
10.9.4.2	Inspect		-	-	-
10.9.4.3	Maintain		-	-	-
10.9.4.4	Repair		-	-	-
10.10	Fault Isolation Procedures				
10.10.1	Principles of Troubleshooting		-	-	-
10.10.2	Use Fault Isolation Technical Data		-	-	-
10.10.3	Use Schematic / Wiring Diagrams		-	-	-
10.10.4	Perform Troubleshooting of Electrical Circuit Malfunctions		-	-	-
10.10.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment		-	-	-
10.10.6	Fiber Optic Wire Handling / Cleaning		A	-	-
10.11	Airmunitions (see Matrix) – Ref: TO 11A-1-63				
10.11.1	Characteristics		A	-	-
10.11.2	Aircraft Preparation (TQT)	5F	1b	-	-
10.11.3	Munitions Preparation (TQT)	5F	1b	-	-
10.11.4	Load (TQT)	5F	1b	-	-
10.11.5	Unload (TQT)	5F	1b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11	AC-130J AIRCRAFT				
11.1	Aircraft – Ref: TO 1C-130E-33-1-2				
11.1.1	Aircraft Familiarization		A	-	-
11.1.2	Aircraft Switches, Controls, and Indicators		-	-	-
11.1.3	Aircraft Safety Devices		-	-	-
11.1.4	Aircraft Danger Areas		-	-	-
11.1.5	Perform Aircraft Safe for Maintenance Procedures	5	-	-	-
11.1.6	Apply / Remove Aircraft External Electrical Power		-	-	-
11.1.7	Stores Management System (SMS)				
11.1.7.1	Air to Ground Theory of Operation	5	A	-	-
11.1.8	Cargo Door and Ramp				
11.1.8.1	Description and Theory of Operation		-	-	-
11.1.8.2	Inspect		-	-	-
11.1.8.3	Operate		-	-	-
11.1.8.4	Perform Operational Check		-	-	-
11.2	30mm Gun System (GAU-23) – Ref: TOs 11W1-33-10-2, 11W1-12-17-2, 1C-130E-33-1-2				
11.2.1	Description and Theory of Operation		A	-	-
11.2.2	30mm Gun				
11.2.2.1	Description and Theory of Operation		A	-	-
11.2.2.2	Perform Safing and Clearing	5	2b/-	-	-
11.2.2.3	Clear Malfunctions/Jams	7	-	-	-
11.2.2.4	Perform Pre-Flight Inspection		-	-	-
11.2.2.5	Perform Post-Flight Inspection		-	-	-
11.2.2.6	Remove	5F	-	-	-
11.2.2.7	Disassemble	5B	1b/-	-	-
11.2.2.8	Clean		-	-	-
11.2.2.9	Inspect		1b/-	-	-
11.2.2.10	Repair		-	-	-
11.2.2.11	Lubricate		-	-	-
11.2.2.12	Assemble	5B	1b/-	-	-
11.2.2.13	Install	5F	-	-	-
11.2.2.14	Perform Functional Check		-	-	-
11.2.2.15	Perform Barrel Erosion Inspection		-	-	-
11.2.3	Barrel				
11.2.3.1	Remove		1b/-	-	-
11.2.3.2	Inspect		-	-	-
11.2.3.3	Install		1b/-	-	-
11.2.4	30mm Pressure Seal				
11.2.4.1	Remove		-	-	-
11.2.4.2	Inspect		1b/-	-	-
11.2.4.3	Repair		-	-	-
11.2.4.4	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.2.5	30mm Pressure Plate				
11.2.5.1	Remove		-	-	-
11.2.5.2	Inspect		-	-	-
11.2.5.3	Install		-	-	-
11.2.6	30mm Trainable Gun Mount				
11.2.6.1	Description and Theory of Operation		A	-	-
11.2.6.2	Remove	5F	-	-	-
11.2.6.3	Disassemble		-	-	-
11.2.6.4	Clean / Inspect / Repair / Lubricate		-	-	-
11.2.6.5	Perform Boresight		-	-	-
11.2.6.6	Assemble		-	-	-
11.2.6.7	Install	5F	-	-	-
11.2.6.8	Perform Functional Check		-	-	-
11.2.7	Ammunition Storage and Handling System (ASHS)				
11.2.7.1	Remove		-	-	-
11.2.7.2	Disassemble		-	-	-
11.2.7.3	Clean / Inspect / Repair / Lubricate		1b/-	-	-
11.2.7.4	Assemble		-	-	-
11.2.7.5	Install		-	-	-
11.3	105mm Gun System – Ref: TO 1C-130E-33-1-2				
11.3.1	Description and Theory of Operation		A	-	-
11.3.2	105mm Gun				
11.3.2.1	Description and Theory of Operation		A	-	-
11.3.2.2	Perform Safing / Clearing	7	-	-	-
11.3.2.3	Clear Malfunctions / Jams	5F	-	-	-
11.3.2.4	Perform Pre-Flight Inspection		-	-	-
11.3.2.5	Perform Post-Flight Inspection		-	-	-
11.3.2.6	Remove		-	2b	-
11.3.2.7	Disassemble		-	2b	-
11.3.2.8	Clean / Inspect / Repair / Lubricate		-	-	-
11.3.2.9	Assemble		-	-	-
11.3.2.10	Install		-	-	-
11.3.2.11	Perform Borescope Inspection		-	-	-
11.3.2.12	Perform Boresight Operations		-	-	-
11.3.2.13	Perform Functional Check		-	-	-
11.3.3	Recoil Mechanism Assembly				
11.3.3.1	Remove		-	-	-
11.3.3.2	Install		-	-	-
11.3.3.3	Service Hydraulics		-	-	-
11.3.3.4	Service Nitrogen		-	-	-
11.3.4	Elevation Actuator				
11.3.4.1	Remove		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.3.4.2	Install		-	-	-
11.3.5	Firing Solenoid				
11.3.5.1	Remove		-	-	-
11.3.5.2	Install		-	-	-
11.3.6	Out-of-Battery Pump				
11.3.6.1	Remove		-	-	-
11.3.6.2	Install		-	-	-
11.3.7	Tube Retractor				
11.3.7.1	Remove		-	-	-
11.3.7.2	Install		-	-	-
11.3.8	105mm Trainable Gun Mount				
11.3.8.1	Description and Theory of Operation		A	-	-
11.3.8.2	Remove	5F	-	-	-
11.3.8.3	Disassemble		-	-	-
11.3.8.4	Clean / Inspect / Repair / Lubricate		-	-	-
11.3.8.5	Perform Boresight		-	-	-
11.3.8.6	Assemble		-	-	-
11.3.8.7	Install	5F	-	-	-
11.3.8.8	Perform Functional Check		-	-	-
11.3.9	Elevation Resolver				
11.3.9.1	Remove		-	-	-
11.3.9.2	Install		-	-	-
11.3.10	Safety Cage				
11.3.10.1	Remove		-	-	-
11.3.10.2	Install		-	-	-
11.3.11	Ammunition Storage and Handling System (ASHS)				
11.3.11.1	Remove		-	-	-
11.3.11.2	Disassemble		-	-	-
11.3.11.3	Clean / Inspect / Repair / Lubricate		-	-	-
11.3.11.4	Assemble		-	-	-
11.3.11.5	Install		-	-	-
11.3.12	105mm Pressure Seal				
11.3.12.1	Remove		-	-	-
11.3.12.2	Inspect		-	-	-
11.3.12.3	Repair		-	-	-
11.3.12.4	Install		-	-	-
11.4	Stores Suspension Equipment – Ref: TOs 11B29-3-39-2, 11B29-3-73-1, 1C-130(A)W-2-94GS-00-1, 1C-130E-33-1-2				
11.4.1	BRU-61 Bomb Rack				
11.4.1.1	Description and Theory of Operation		A	-	-
11.4.1.2	Remove		1a	-	-
11.4.1.3	Disassemble		-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.4.1.4	Inspect		1a	-	-
11.4.1.5	Repair		-	-	-
11.4.1.6	Assemble		-	-	-
11.4.1.7	Install		1a	-	-
11.4.1.8	Perform Bench Check with AN/GYQ-79 (CMBRE) Test Set - Ref: TO 33D7-3-372-11		1a	-	-
11.4.1.9	Perform Bench Check with ADU-890/E Test Set – Ref: TO 33D7-3-372-11		1a	-	-
11.4.2	MAU-40 Bomb Rack				
11.4.2.1	Description and Theory of Operation		A	-	-
11.4.2.2	Remove	5	2b	-	-
11.4.2.3	Disassemble	5B	2b	-	-
11.4.2.4	Inspect	5	2b	-	-
11.4.2.5	Repair		-	-	-
11.4.2.6	Assemble	5B	2b	-	-
11.4.2.7	Install	5	2b	-	-
11.4.2.8	Perform Functional Check with Analog Preload Circuit Test Set (PN 160D998560-1)		-	-	-
11.4.2.9	Perform Functional Check with Digital Preload Circuit Test Set (PN A10998560-1)		-	-	-
11.4.2.10	Perform Bench Check with MAU-12 / 40 / 50 Test Set		2b	-	-
11.4.2.11	Perform Weight Check with Proofload Tester		1b	-	-
11.4.3	M299 Quad Rail Launcher				
11.4.3.1	Theory and Description of Operation		A	-	-
11.4.3.2	Remove		-	-	-
11.4.3.3	Inspect	5	-	-	-
11.4.3.4	Install		-	-	-
11.4.3.5	Perform Functional Check		-	-	-
11.4.3.6	Perform Operational Check		-	-	-
11.4.3.7	M299 Adapter Rails				
11.4.3.7.1	Remove		-	-	-
11.4.3.7.2	Install		-	-	-
11.4.3.7.3	Perform Go / No Go Check		-	-	-
11.4.3.8	M299 Adapter Plate				
11.4.3.8.1	Remove		-	-	-
11.4.3.8.2	Repair		-	-	-
11.4.3.8.3	Install		-	-	-
11.4.3.8.4	Perform Functional Check		-	-	-
11.4.4	AGM-176 Canister Clips				
11.4.4.1	Remove		-	-	-
11.4.4.2	Inspect		-	-	-
11.4.4.3	Install		-	-	-
11.4.5	AGM-176 Outboard/Middle Spacers				

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.4.5.1	Remove		-	-	-
11.4.5.2	Inspect		-	-	-
11.4.5.3	Install		-	-	-
11.4.6	AGM-176 Rotary Airlock Assembly				
11.4.6.1	Remove		-	-	-
11.4.6.2	Inspect		-	-	-
11.4.6.3	Install		-	-	-
11.5	Perform Basic Post Flight Inspection				
11.5.1	M299 Quad Rail Launcher		-	-	-
11.6	Support Equipment				
11.6.1	MHU-83 Fork Adapter				
11.6.1.1	Description		A	-	-
11.6.1.2	Inspect		2b	-	-
11.6.1.3	Operate		1b	-	-
11.6.2	Munition Maintenance Handling Equipment (MMHE) Ref: TOs 35D1-1, 35D2-2				
11.6.2.1	Multipurpose Loading Adapter (MPLA) – MMHE (AC-130J) – Ref: TO 35D-2-2				
11.6.2.1.1	Description		A	-	-
11.6.2.1.2	Inspect		1b	-	-
11.6.2.1.3	Operate		1b	-	-
11.6.2.2	Lightweight Bomb Bar – MMHE (AC-130J)				
11.6.2.2.1	Description		A	-	-
11.6.2.2.2	Inspect		1b/-	-	-
11.6.2.2.3	Operate		1b/-	-	-
11.6.2.3	Hellfire Load Adapter – MMHE (AC-130J)				
11.6.2.3.1	Description		-	-	-
11.6.2.3.2	Remove		-	-	-
11.6.2.3.3	Inspect		-	-	-
11.6.2.3.4	Install		-	-	-
11.6.2.4	BRU-61 Loading Adapter – MMHE (AC-130J)				
11.6.2.4.1	Description		-	-	-
11.6.2.4.2	Inspect		-	-	-
11.6.2.4.3	Maintain		-	-	-
11.6.3	Ghost Trailer Ref: 35D3-6-57-1				
11.6.3.1	Description		-	-	-
11.6.3.2	Inspect		-	-	-
11.6.3.3	Maintain		-	-	-
11.6.3.4	Repair		-	-	-
11.6.3.5	Operate		-	-	-
11.7	Test Equipment				
11.7.1	MAU-12 / 40 / 50 Test Set				
11.7.1.1	Description		A	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.7.1.2	Inspect		1a	-	-
11.7.1.3	Maintain		-	-	-
11.7.1.4	Repair		-	-	-
11.7.1.5	Operate		-	-	-
11.7.2	Proofload Tester				
11.7.2.1	Description		A	-	-
11.7.2.2	Inspect		1a	-	-
11.7.2.3	Maintain		-	-	-
11.7.2.4	Repair		-	-	-
11.7.2.5	Operate		-	-	-
11.7.3	AN/GYQ-79 (CMBRE) Test Set Ref: TO 33D7-3-372-11				
11.7.3.1	Description		A	-	-
11.7.3.2	Inspect		1a	-	-
11.7.3.3	Maintain		-	-	-
11.7.3.4	Repair		-	-	-
11.7.3.5	Operate		-	-	-
11.7.4	ADU-890/E Test Set - Ref: TO 33D7-3-372-11				
11.7.4.1	Description		A	-	-
11.7.4.2	Inspect		1a	-	-
11.7.4.3	Maintain		-	-	-
11.7.4.4	Repair		-	-	-
11.7.4.5	Operate				
11.7.5	AN/AWM-103 Tester				
11.7.5.1	Theory and Description of Operation		-	-	-
11.7.5.2	Inspect		-	-	-
11.7.5.3	Maintain		-	-	-
11.7.5.4	Repair		-	-	-
11.7.5.5	Operate		-	-	-
11.7.6	TS-4485 / AN/ALM-288 Tester				
11.7.6.1	Description		-	-	-
11.7.6.2	Inspect		-	-	-
11.7.6.3	Maintain		-	-	-
11.7.6.4	Repair		-	-	-
11.7.6.5	Operate		-	-	-
11.7.7	SOPGM Stray Volts Tester				
11.7.7.1	Description		-	-	-
11.7.7.2	Inspect		-	-	-
11.7.7.3	Maintain		-	-	-
11.7.7.4	Repair		-	-	-
11.7.7.5	Operate		-	-	-
11.7.8	Common Aircraft Armament Tester (CAATS) Ref: 11L1-3-30-2				

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
11.7.8.1	Description		-	-	-
11.7.8.2	Inspect				
11.7.8.3	Maintain				
11.7.8.4	Operate				
11.8	Fault Isolation Procedures				
11.8.1	Principles of Troubleshooting		-	-	-
11.8.2	Use Fault Isolation Technical Orders	7	-	-	-
11.8.3	Use Schematic / Wiring Diagrams	7	-	-	-
11.8.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
11.8.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7			
11.9	Airmunitions (See Matrix) – Ref: TOs 1C-130E-33-1-2, 11A-1-63				
11.9.1	Characteristics		A	-	-
11.9.2	Aircraft Preparation (TQT)	5F	1b	-	-
11.9.3	Munitions Preparation (TQT)	5F	1b	-	-
11.9.4	Load (TQT)	5F	1b	-	-
11.9.5	Unload (TQT)	5F	1b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
12	CV-22				
12.1	Aircraft				
12.1.1	Aircraft Familiarization		A	-	-
12.1.2	Aircraft Switches, Controls, and Indicators		-	-	-
12.1.3	Aircraft Safety Devices		-	-	-
12.1.4	Aircraft Danger Areas		-	-	-
12.1.5	Perform Aircraft Safe for Maintenance Procedures	5	-	-	-
12.1.6	Apply / Remove Aircraft External Electrical Power		-	-	-
12.2	Portable Electronic Data Device (PEDD) Laptop				
12.2.1	Overview		-	-	-
12.2.2	Operate		-	-	-
12.3	Gun Systems – Ref: TOs 11W1-13-3-132, 11W2-6-5-1, 11W2-6-5-2				
12.3.1	Description		A	-	-
12.3.2	A/A49E-38 Ramp Mounted Weapons System (RMWS) – Ref: TO 11W1-15-20-2				
12.3.2.1	Description and Theory of Operation		A	-	-
12.3.2.2	Left / Right Outboard Modified Ramp Floor Panel Removal		-	-	-
12.3.2.3	Remove		2b	-	-
12.3.2.4	Disassemble		-	-	-
12.3.2.5	Clean		a	-	-
12.3.2.6	Inspect		2b	-	-
12.3.2.7	Repair		-	-	-
12.3.2.8	Lubricate		-	-	-
12.3.2.9	Assemble		-	-	-
12.3.2.10	Install		2b	-	-
12.3.2.11	Left / Right Outboard Modified Ramp Floor Panel Installation		-	-	-
12.3.3	M240D Machine Gun – Ref: TOs 11W2-6-5-1, 11W2-6-5-2				
12.3.3.1	Description and Theory of Operation		-	-	-
12.3.3.2	Perform Safing and Clearing Procedures		-	-	-
12.3.3.3	Clear Malfunctions / Jams		-	-	-
12.3.3.4	Remove		-	-	-
12.3.3.5	Disassemble		-	-	-
12.3.3.6	Clean		-	-	-
12.3.3.7	Inspect		-	-	-
12.3.3.8	Repair		-	-	-
12.3.3.9	Lubricate		-	-	-
12.3.3.10	Assemble		-	-	-
12.3.3.11	Perform In-Shop Functional Check		-	-	-
12.3.3.12	Perform Gun Malfunction/Jam Inspection		-	-	-
12.3.3.13	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
12.3.3.14	Perform Field-of-Fire Check		-	-	-
12.3.4	GAU-21 (.50 Caliber) Machine Gun – Ref: TOs 11W1-13-21-2, NAVAIR 11-95GAU21-1				
12.3.4.1	Description and Theory of Operation		A	-	-
12.3.4.2	Perform Safing and Clearing Procedures	5	2b	-	-
12.3.4.3	Clear Malfunctions / Jams	7	-	-	-
12.3.4.4	Perform Gun Malfunction / Jam Inspection		-	-	-
12.3.4.5	Remove		2b	-	-
12.3.4.6	Disassemble	5	2b	-	-
12.3.4.7	Clean		2b	-	-
12.3.4.8	Inspect	5	2b	-	-
12.3.4.9	Repair		-	-	-
12.3.4.10	Lubricate		2b	-	-
12.3.4.11	Assemble	5	2b	-	-
12.3.4.12	Perform Manual Checkout In-Shop		1b	-	-
12.3.4.13	Perform Head-Space / Timing Check / Adjustment		1b	-	-
12.3.4.14	Perform Barrel Erosion Check		1b	-	-
12.3.4.15	Install		2b	-	-
12.3.4.16	Perform Field-of-Fire Check		1b/-	-	-
12.3.4.17	Cradle Assembly				
12.3.4.17.1	Remove Gun from Assembly		-	-	-
12.3.4.17.2	Disassemble		-	-	-
12.3.4.17.3	Inspect / Service / Lubricate		-	-	-
12.3.4.17.4	Assemble		-	-	-
12.3.4.17.5	Install Gun to Assembly		-	-	-
12.3.4.18	Back Plate Assembly				
12.3.4.18.1	Remove		2b	-	-
12.3.4.18.2	Disassemble		-	-	-
12.3.4.18.3	Clean		-	-	-
12.3.4.18.4	Inspect	5	-	-	-
12.3.4.18.5	Repair		-	-	-
12.3.4.18.6	Assemble		-	-	-
12.3.4.18.7	Install		2b	-	-
12.3.4.19	Flash Suppressor				
12.3.4.19.1	Remove		-	-	-
12.3.4.19.2	Clean / Inspect / Lubricate		-	-	-
12.3.4.19.3	Install		-	-	-
12.3.4.20	Spent Brass Hopper Assemblies				
12.3.4.20.1	Remove		-	-	-
12.3.4.20.2	Clean / Inspect / Repair		-	-	-
12.3.4.20.3	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
12.4	Perform Basic Post-Flight Inspection – Ref: TOs 11W1-13-5-2, 11W2-6-5-1				
12.4.1	M240D Gun System		-	-	-
12.4.2	GAU-21 Gun System		-	-	-
12.5	Test Equipment				
12.5.1	AN/ALM 288 Tester				
12.5.1.1	Description		A	-	-
12.5.1.2	Inspect		1b/-	-	-
12.5.1.3	Maintain		1b/-	-	-
12.6	Fault Isolation Procedures				
12.6.1	Principles of Troubleshooting		-	-	-
12.6.2	Use Fault Isolation Technical Orders		-	-	-
12.6.3	Use Schematic / Wiring Diagrams		-	-	-
12.6.4	Perform Troubleshooting of Electrical Circuit Malfunctions		-	-	-
12.6.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment		-	-	-
12.6.6	Identify Mechanical Malfunctions		-	-	-
12.7	Airmunitions (See Matrix) – Ref: TO 11A-1-63				
12.7.1	Characteristics		A	-	-
12.7.2	Aircraft Preparation (TQT)	5F	-	-	-
12.7.3	Munitions Preparation (TQT)	5F	-	-	-
12.7.4	Load (TQT)	5F	-	-	-
12.7.5	Unload (TQT)	5F	-	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13	HH-60 HELICOPTER				
13.1	Aircraft–Ref: TOs 1H-60(H)G-2-1, 1H-60(H)G-2-1CL-3, 1H-60(H)G-33-1-2, 11A1-1-33				
13.1.1	Aircraft Familiarization		A	-	-
13.1.2	Aircraft Switches, Controls, and Indicators		B	-	-
13.1.3	Aircraft Safety Devices		B	-	-
13.1.4	Aircraft Danger Areas		B	-	-
13.1.5	Perform Aircraft Safe for Maintenance Procedures	5	1b/-	-	-
13.1.6	Apply / Remove Aircraft External Electrical Power	5	1b/-	-	-
13.2	Gun Systems – Ref: TOs 1H-60(H)G-2-1, 1H-60(H)G-2-9, 1H-60(H)G-33-1-2CL-2, 1H-60(H)G-112, 11W1-1-10, 11W1-13-3-132, 11A-1-33, 11W1-13-5-2, 11W1-33-9-2, 11W2-6-5-1, 11W2-6-5-2, OIs, LCLs				
13.2.1	Electronic Control Unit				
13.2.1.1	Description		A	-	-
13.2.1.2	Remove		1b/-	-	-
13.2.1.3	Disassemble		-	-	-
13.2.1.4	Clean / Inspect / Repair		-	-	-
13.2.1.5	Assemble		-	-	-
13.2.1.6	Install		1b/-	-	-
13.2.1.7	Perform Functional Check		-	-	-
13.2.2	Gun System Control Panel				
13.2.2.1	Description		A	-	-
13.2.2.2	Remove		1b/-	-	-
13.2.2.3	Disassemble		-	-	-
13.2.2.4	Clean / Inspect / Repair		-	-	-
13.2.2.5	Assemble		-	-	-
13.2.2.6	Install		1b/-	-	-
13.2.2.7	Perform Functional Check		-	-	-
13.2.3	Pintle Arm Assembly				
13.2.3.1	Description		A	-	-
13.2.3.2	Remove		1b/-	-	-
13.2.3.3	Disassemble		-	-	-
13.2.3.4	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.3.5	Assemble			-	-
13.2.3.6	Install		1b/-	-	-
13.2.4	GAU-2 (7.62mm) Gatling Gun System				
13.2.4.1	Description and Theory of Operation		A	-	-
13.2.4.2	Perform Functional Check on Aircraft	5	1b/-	-	-
13.2.4.3	Perform Field-of-Fire Check	5	1b/-	-	-
13.2.4.4	Perform Mechanical / Electrical Troubleshooting	7	-	-	-
13.2.4.5	Clear Malfunctions / Jams	7	-	-	-

131

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.4.6	GAU-2 Gatling Gun				
13.2.4.6.1	Cycle of Operation		A	-	-
13.2.4.6.2	Perform Safing and Clearing Procedures	5	2b	-	-
13.2.4.6.3	Remove	5	2b	-	-
13.2.4.6.4	Remove with Rotors Turning		-	-	-
13.2.4.6.5	Disassemble	5	2b	-	-
13.2.4.6.6	Clean		1b	-	-
13.2.4.6.7	Inspect	5	1b	-	-
13.2.4.6.8	Repair		-	-	-
13.2.4.6.9	Lubricate		1b	-	-
13.2.4.6.10	Modify		-	-	-
13.2.4.6.11	Assemble	5	2b	-	-
13.2.4.6.12	Install	5	2b	-	-
13.2.4.6.13	Install with Rotors Turning		-	-	-
13.2.4.6.14	Perform Manual Checkout In-Shop		2b	-	-
13.2.4.6.15	Perform Barrel Erosion Check		-	-	-
13.2.4.7	Clutch Assembly				
13.2.4.7.1	Remove		-	-	-
13.2.4.7.2	Disassemble		-	-	-
13.2.4.7.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.4.7.4	Assemble		-	-	-
13.2.4.7.5	Install		-	-	-
13.2.4.8	Flash Suppressor				
13.2.4.8.1	Remove		2b	-	-
13.2.4.8.2	Clean / Inspect / Repair / Lubricate		1b	-	-
13.2.4.8.3	Install		2b	-	-
13.2.4.9	Gun Drive Assembly				
13.2.4.9.1	Remove		b	-	-
13.2.4.9.2	Disassemble		-	-	-
13.2.4.9.3	Clean / Inspect / Repair / Lubricate		b	-	-
13.2.4.9.4	Assemble		-	-	-
13.2.4.9.5	Install		b	-	-
13.2.4.10	Gun Control Unit				
13.2.4.10.1	Remove		-	-	-
13.2.4.10.2	Disassemble		-	-	-
13.2.4.10.3	Clean / Inspect / Repair		-	-	-
13.2.4.10.4	Assemble		-	-	-
13.2.4.10.5	Install		-	-	-
13.2.4.11	Hand Grip Housing				
13.2.4.11.1	Remove		-	-	-
13.2.4.11.2	Clean / Inspect / Repair		-	-	-
13.2.4.11.3	Install		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.4.12	Yoke Assembly				
13.2.4.12.1	Remove		-	-	-
13.2.4.12.2	Disassemble		-	-	-
13.2.4.12.3	Clean / Inspect / Repair/ Lubricate		-	-	-
13.2.4.12.4	Assemble		-	-	-
13.2.4.12.5	Install		-	-	-
13.2.4.13	Dillon Feeder				
13.2.4.13.1	Remove		2b	-	-
13.2.4.13.2	Disassemble		b	-	-
13.2.4.13.3	Clean / Inspect / Repair / Lubricate		b	-	-
13.2.4.13.4	Assemble		b	-	-
13.2.4.13.5	Install		2b	-	-
13.2.4.13.6	Test		-	-	-
13.2.4.14	Gun Mount Assembly				
13.2.4.14.1	Remove		-	-	-
13.2.4.14.2	Disassemble		-	-	-
13.2.4.14.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.4.14.4	Assemble		-	-	-
13.2.4.14.5	Install		-	-	-
13.2.4.15	7.62mm Ammunition Magazine Assembly				
13.2.4.15.1	Remove		-	-	-
13.2.4.15.2	Disassemble		-	-	-
13.2.4.15.3	Clean / Inspect / Repair		-	-	-
13.2.4.15.4	Assemble		-	-	-
13.2.4.15.5	Install		-	-	-
13.2.4.16	7.62mm Booster Motor Assembly				
13.2.4.16.1	Remove		-	-	-
13.2.4.16.2	Disassemble		-	-	-
13.2.4.16.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.4.16.4	Modify		-	-	-
13.2.4.16.5	Assemble		-	-	-
13.2.4.16.6	Install		-	-	-
13.2.4.17	Ammunition Feed Chute				
13.2.4.17.1	Remove		-	-	-
13.2.4.17.2	Disassemble		-	-	-
13.2.4.17.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.4.17.4	Assemble		-	-	-
13.2.4.17.5	Install		-	-	-
13.2.4.17.6	Test		-	-	-
13.2.4.18	Brass Eject Chute Hose				
13.2.4.18.1	Remove		-	-	-
13.2.4.18.2	Clean / Inspect / Repair		-	-	-
13.2.4.18.3	Install		-	-	-

133

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.4.19	Pintle Post Assembly				
13.2.4.19.1	Remove		-	-	-
13.2.4.19.2	Disassemble		-	-	-
13.2.4.19.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.4.19.4	Assemble		-	-	-
13.2.4.19.5	Install		-	-	-
13.2.4.20	Wiring Harness				
13.2.4.20.1	Remove		-	-	-
13.2.4.20.2	Clean / Inspect / Repair		-	-	-
13.2.4.20.3	Install		-	-	-
13.2.5	GAU-18 (.50 Caliber) Machine Gun System				
13.2.5.1	Description and Theory of Operation		A	-	-
13.2.5.2	Perform Functional Check on Aircraft	5	-	-	-
13.2.5.3	Perform Field-of-Fire Check	5	-	-	-
13.2.5.4	Perform Mechanical / Electrical Troubleshooting	7	-	-	-
13.2.5.5	Clear Malfunctions / Jams	7	-	-	-
13.2.5.6	GAU-18 Machine Gun				
13.2.5.6.1	Cycle of Operation		A	-	-
13.2.5.6.2	Perform Safing and Clearing Procedures	5	2b	-	-
13.2.5.6.3	Remove	5	2b	-	-
13.2.5.6.4	Remove with Rotors Turning		-	-	-
13.2.5.6.5	Disassemble	5	2b	-	-
13.2.5.6.6	Clean		1b	-	-
13.2.5.6.7	Inspect	5	2b	-	-
13.2.5.6.8	Repair		-	-	-
13.2.5.6.9	Lubricate		1b	-	-
13.2.5.6.10	Modify		-	-	-
13.2.5.6.11	Assemble	5	2b	-	-
13.2.5.6.12	Install	5	2b	-	-
13.2.5.6.13	Install with Rotors Turning		-	-	-
13.2.5.6.14	Perform Manual Checkout In-Shop	5	1b	-	-
13.2.5.6.15	Perform Head-Space / Timing Check / Adjustment	5	1b	-	-
13.2.5.6.16	Perform Barrel Erosion Check		1b	-	-
13.2.5.7	Back Plate Assembly				
13.2.5.7.1	Remove		2b	-	-
13.2.5.7.2	Disassemble		-	-	-
13.2.5.7.3	Clean / Inspect / Repair		2b	-	-
13.2.5.7.4	Modify		-	-	-
13.2.5.7.5	Assemble		-	-	-
13.2.5.7.6	Install		2b	-	-
13.2.5.8	Barrel Jacket / Flash Suppressor				
13.2.5.8.1	Remove		b	-	-
13.2.5.8.2	Clean / Inspect / Lubricate		b	-	-

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.5.8.3	Install		b	-	-
13.2.5.9	Link Ejection Chute Assembly				
13.2.5.9.1	Remove		-	-	-
13.2.5.9.2	Disassemble		-	-	-
13.2.5.9.3	Clean / Inspect / Repair		-	-	-
13.2.5.9.4	Assemble		-	-	-
13.2.5.9.5	Install		-	-	-
13.2.5.10	Feed Chute Adapter				
13.2.5.10.1	Remove		-	-	-
13.2.5.10.2	Disassemble		-	-	-
13.2.5.10.3	Clean / Inspect / Repair		-	-	-
13.2.5.10.4	Assemble		-	-	-
13.2.5.10.5	Install		-	-	-
13.2.5.11	GAU-18 (Modified) Gun Yoke / Cradle				
13.2.5.11.1	Remove		-	-	-
13.2.5.11.2	Disassemble		-	-	-
13.2.5.11.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.5.11.4	Assemble		-	-	-
13.2.5.11.5	Install		-	-	-
13.2.5.12	Rigid Spent Brass Chute				
13.2.5.12.1	Remove		-	-	-
13.2.5.12.2	Disassemble		-	-	-
13.2.5.12.3	Clean / Inspect / Repair		-	-	-
13.2.5.12.4	Assemble		-	-	-
13.2.5.12.5	Install		-	-	-
13.2.5.13	Brass Eject Chute Hose				
13.2.5.13.1	Remove		-	-	-
13.2.5.13.2	Clean / Inspect / Repair		-	-	-
13.2.5.13.3	Install		-	-	-
13.2.5.14	Grip Assembly				
13.2.5.14.1	Remove		-	-	-
13.2.5.14.2	Disassemble		-	-	-
13.2.5.14.3	Clean / Inspect / Repair		-	-	-
13.2.5.14.4	Assemble		-	-	-
13.2.5.14.5	Install		-	-	-
13.2.5.15	Ammunition Feed Chute				
13.2.5.15.1	Remove		-	-	-
13.2.5.15.2	Disassemble		-	-	-
13.2.5.15.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.5.15.4	Assemble		-	-	-
13.2.5.15.5	Install		-	-	-
13.2.5.15.6	Test		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.5.16	.50 Cal Ammunition Magazine Assembly				
13.2.5.16.1	Remove		-	-	-
13.2.5.16.2	Disassemble		-	-	-
13.2.5.16.3	Clean / Inspect / Repair		-	-	-
13.2.5.16.4	Assemble		-	-	-
13.2.5.16.5	Install		-	-	-
13.2.5.17	.50 Cal Booster Housing / Motor Assembly				
13.2.5.17.1	Remove		-	-	-
13.2.5.17.2	Disassemble		-	-	-
13.2.5.17.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.5.17.4	Assemble		-	-	-
13.2.5.17.5	Install		-	-	-
13.2.5.18	Pintle Post Assembly				
13.2.5.18.1	Remove		-	-	-
13.2.5.18.2	Disassemble		-	-	-
13.2.5.18.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.5.18.4	Assemble		-	-	-
13.2.5.18.5	Install		-	-	-
13.2.5.19	Wiring Harness				
13.2.5.19.1	Remove		-	-	-
13.2.5.19.2	Clean / Inspect / Repair		-	-	-
13.2.5.19.3	Install		-	-	-
13.2.6	M240D (7.62mm) Machine Gun System				
13.2.6.1	Description and Theory of Operation		-	-	-
13.2.6.2	Perform Field-of-Fire Check		-	-	-
13.2.6.3	Perform Mechanical Troubleshooting		-	-	-
13.2.6.4	Clear Malfunctions / Jams		-	-	-
13.2.6.5	M240D Machine Gun				
13.2.6.5.1	Function of Parts		-	-	-
13.2.6.5.2	Cycle of Operation		-	-	-
13.2.6.5.3	Perform Safing and Clearing		-	-	-
13.2.6.5.4	Remove		-	-	-
13.2.6.5.5	Disassemble		-	-	-
13.2.6.5.6	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.6.5.7	Assemble		-	-	-
13.2.6.5.8	Install		-	-	-
13.2.6.5.9	Perform In-Shop Functional Check		-	-	-
13.2.6.5.10	Perform Loose Rivet Check		-	-	-
13.2.6.6	Flexible Cradle Assembly				
13.2.6.6.1	Remove		-	-	-
13.2.6.6.2	Disassemble		-	-	-
13.2.6.6.3	Clean / Inspect / Repair / Lubricate		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.2.6.6.4	Assemble		-	-	-
13.2.6.6.5	Install		-	-	-
13.2.6.7	Light Weight 500 Round Mount Assembly				
13.2.6.7.1	Remove		-	-	-
13.2.6.7.2	Disassemble		-	-	-
13.2.6.7.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.6.7.4	Assemble		-	-	-
13.2.6.7.5	Install		-	-	-
13.2.6.8	Cradle Assembly				
13.2.6.8.1	Remove from Mount Arm		-	-	-
13.2.6.8.2	Disassemble		-	-	-
13.2.6.8.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.6.8.4	Assemble		-	-	-
13.2.6.8.5	Install on Mount Arm		-	-	-
13.2.6.9	Mounting Arm				
13.2.6.9.1	Remove		-	-	-
13.2.6.9.2	Disassemble		-	-	-
13.2.6.9.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.6.9.4	Assemble		-	-	-
13.2.6.9.5	Install		-	-	-
13.2.6.10	Pintle Post Assembly				
13.2.6.10.1	Remove		-	-	-
13.2.6.10.2	Disassemble		-	-	-
13.2.6.10.3	Clean / Inspect / Repair / Lubricate		-	-	-
13.2.6.10.4	Assemble		-	-	-
13.2.6.10.5	Install		-	-	-
13.3	Perform Basic Post-Flight Inspection – Ref: TOs 1H-60(H)G-6, OIs, LCLs				
13.3.1	GAU-2 Gun System		-	-	-
13.3.2	GAU-18 Gun System		-	-	-
13.3.3	M240D Gun System		-	-	-
13.3.4	Explosive Devices				
13.3.4.1	Inspect Crew Served Markers / Flares				
13.4	Support Equipment – Ref: TOs 30-10-13, 32-1-101, 32-1-151, 32-1-201, 32B14-3-1-101, 11W1-13-5-2, 11W1-33-9-2, 11W1-13-3-132, 11W2-6-5-1, 11W2-6-5-2				
13.4.1	Dillon Bolt Assembly/Fixture				
13.4.1.1	Use		-	-	-
13.4.2	.50 Caliber Head Space Gauge				
13.4.2.1	Use		-	-	-
13.4.3	.50 Caliber Timing Gauge				
13.4.3.1	Use		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.4.4	.50 Caliber Barrel Erosion Gauge				
13.4.4.1	Use		-	-	-
13.4.5	.50 Caliber Oil Buffer Compression Tool				
13.4.5.1	Use		-	-	-
13.4.6	.50 Caliber Combo Wrench				
13.4.6.1	Use		-	-	-
13.4.7	.50 Caliber Firing Pin Hole Gauge				
13.4.7.1	Use		-	-	-
13.4.8	.50 Caliber Firing Pin Protrusion Gauge				
13.4.8.1	Use		-	-	-
13.4.9	.50 Caliber Ruptured Cartridge Case Extractor				
13.4.9.1	Use		-	-	-
13.4.10	M7 Linker / Delinker Tool				
13.4.10.1	Use		-	-	-
13.4.11	M240D Firing Pin Protrusion Gauge				
13.4.11.1	Use		-	-	-
13.4.12	M240D Headspace Warning Gauge				
13.4.12.1	Use		-	-	-
13.4.13	M240D Breech Bore Erosion Gauge				
13.4.13.1	Use		-	-	-
13.4.14	M240D Muzzle and Breech Bore Wear Gauge				
13.4.14.1	Use		-	-	-
13.4.15	M240D Scraper and Extractor Tool				
13.4.15.1	Use		-	-	-
13.4.16	M240D Headspace Reject Tool				
13.4.16.1	Use		-	-	-
13.4.17	M240D Gas Port Erosion Tool				
13.4.17.1	Use		-	-	-
13.4.18	M240D Combination Scraper Regulator Tool				
13.4.18.1	Use		-	-	-
13.4.19	M240D Reamer				
13.4.19.1	Use		-	-	-
13.4.20	GAU-2 Loading Sector				
13.4.20.1	Use		-	-	-
13.4.21	Small Arms Cleaning Kit				
13.4.21.1	Use		-	-	-
13.4.22	Trunnion Adapter Tool / Trunnion Nut Tool – Ref: TO 11W1-13-3-132				
13.4.22.1	Use		-	-	-
13.4.23	GCU Hi/Low Rate Switch Tool – Ref: TO 11W1-33-9-2				
13.4.23.1	Use		-	-	-
13.4.24	Barrel Jacket Removal Tool – Ref: TO 11W1-13-3-132				
13.4.24.1	Use		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
13.4.25	Generator / Rectifier In-Shop				
13.4.25.1	Description		-	-	-
13.4.25.2	Power Initializations		-	-	-
13.4.25.3	Power Down		-	-	-
13.4.26	Jet Washer / Cleaning Vat				
13.4.26.1	Description		-	-	-
13.4.26.2	Power Initializations		-	-	-
13.4.26.3	Power Down		-	-	-
13.5	Test Equipment – Ref: TO 33D7-13-228-1				
13.5.1	TS-4485 / AN/ALM-288 Tester				
13.5.1.1	Description		-	-	-
13.5.1.2	Inspect		-	-	-
13.5.1.3	Operate		-	-	-
13.6	Fault Isolation Procedures – Ref: TOs 1H-60(H)G-2-9, 1H-60(H)G-112, 11W1-13-3-132, 11W1-13-5-2, 11W1-33-9-2				
13.6.1	Principles of Troubleshooting		-	-	-
13.6.2	Use Fault Isolation Technical Orders	7	-	-	-
13.6.3	Use Schematics / Wiring Diagrams	7	-	-	-
13.6.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
13.6.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7			
13.6.6	Identify Mechanical Malfunctions		-	-	-
13.7	Airmunitions (See Matrix) – Ref: TOs 1H-60(H)G-33-1-2, 11A1-33, 11A16-39-7, 11A16-45-7, 11A18-10-7, 11A-1-63, LCLs				
13.7.1	Characteristics		A	-	-
13.7.2	Aircraft Preparation (TQT)	5F	-	-	-
13.7.3	Munitions Preparation (TQT)	5F	-	-	-
13.7.4	Load (TQT)	5F	-	-	-
13.7.5	Unload (TQT)	5F	-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
14	MQ-9 AIRCRAFT				
14.1	Aircraft – Ref: TOs 1Q-9(M)A-2: (05GS-00-1), (05JG-00-1), (05JG-10-1)				
14.1.1	Aircraft Familiarization		A	-	-
14.1.2	Concept of Operation		A	-	-
14.1.3	Security Precautions		A	-	-
14.1.4	Aircraft Safety Devices		B	-	-
14.1.5	Aircraft Danger Areas		B	-	-
14.1.6	Aircraft Switches, Controls, and Indicators		B	-	-
14.1.7	Aircraft Safe for Maintenance	5	3b	-	-
14.1.8	Stores Management System (SMS) – Ref: TOs 1Q-9(M)A-2-DB-1 (94GS-00-1), 1Q-9(M)A-34-1-1-1				
14.1.8.1	Air to Ground Theory of Operation	5	A	-	-
14.2	Weapons Release System–Ref: TOs 1Q-9(M)A-2DB-1: (94GS-00-1)				
14.2.1	Armament Systems Overview		B	-	-
14.2.2	Armament System Safety Hazards		B	-	-
14.3	Stores Suspension Equipment – Ref: TOs 1Q-9(M)A-2DB-1: (94JG-00-1); (94JG-30-1)				
14.3.1	Outboard Pylon				
14.3.1.1	Description and Theory of Operation		-	-	-
14.3.1.2	Remove		-	-	-
14.3.1.3	Disassemble		-	-	-
14.3.1.4	Inspect		-	-	-
14.3.1.5	Repair		-	-	-
14.3.1.6	Assemble		-	-	-
14.3.1.7	Install		-	-	-
14.3.2	Centerline Pylon				
14.3.2.1	Description and Theory of Operation		-	-	-
14.3.2.2	Remove		-	-	-
14.3.2.3	Disassemble		-	-	-
14.3.2.4	Inspect		-	-	-
14.3.2.5	Repair		-	-	-
14.3.2.6	Assemble		-	-	-
14.3.2.7	Install		-	-	-
14.3.3	BRU-71 Pylon Assembly				
14.3.3.1	Description and Theory of Operation		B	-	-
14.3.3.2	Remove		2b	-	-
14.3.3.3	Inspect		2b	-	-
14.3.3.4	Install		2b	-	-
14.3.3.5	Perform Servicing		2b	-	-
14.3.3.6	Purge		2b	-	-
14.3.3.7	Perform Operational Check		2b	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
14.3.4	BRU-71 Bomb Rack				
14.3.4.1	Description and Theory of Operation		-	-	-
14.3.4.2	Remove		-	-	-
14.3.4.3	Disassemble		-	-	-
14.3.4.4	Inspect		-	-	-
14.3.4.5	Repair		-	-	-
14.3.4.6	Assemble		-	-	-
14.3.4.7	Install		-	-	-
14.3.4.8	Perform Operational Check		-	-	-
14.3.5	MA-4B Bomb Rack				
14.3.5.1	Description and Theory of Operation		-	-	-
14.3.5.2	Remove		-	-	-
14.3.5.3	Disassemble		-	-	-
14.3.5.4	Inspect		-	-	-
14.3.5.5	Repair		-	-	-
14.3.5.6	Assemble		-	-	-
14.3.5.7	Install		-	-	-
14.3.5.8	Perform Bench Check		-	-	-
14.3.5.9	Perform Operational Check		-	-	-
14.3.6	M299 Dual Rail Launcher				
14.3.6.1	Description and Theory of Operation		B	-	-
14.3.6.2	Remove	5	2b	-	-
14.3.6.3	Disassemble		-	-	-
14.3.6.4	Inspect	5	2b	-	-
14.3.6.5	Repair		-	-	-
14.3.6.6	Assemble		-	-	-
14.3.6.7	Install	5	2b	-	-
14.3.6.8	Perform Functional Check	5	2b	-	-
14.3.6.9	Perform Operational Check		-	-	-
14.4	Perform Basic Post-Flight Inspection – Ref: TOs 1Q-9(M)A-2DB-1: (94JG-30-1)				
14.4.1	BRU-71 Bomb Rack Unit		2b	-	-
14.4.2	MA-4B Bomb Rack		-	-	-
14.4.3	M299 Dual Rail Launcher		2b	-	-
14.5	Armament System Components – Ref: TOs 1Q-9(M)A-2DB-1: (94JG-10-1)				
14.5.1	Description		B	-	-
14.5.2	Keystone Module Assembly				
14.5.2.1	Remove		-	-	-
14.5.2.2	Install		-	-	-
14.5.2.3	Perform Operational Checkout		-	-	-
14.5.3	Mission Control Module				
14.5.3.1	Remove		-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
14.5.3.2	Install		-	-	-
14.5.3.3	Perform Operational Checkout		-	-	-
14.5.4	Relay Assembly Jettison Arm				
14.5.4.1	Remove		-	-	-
14.5.4.2	Install		-	-	-
14.5.5	SSIU Assembly				
14.5.5.1	Remove		-	-	-
14.5.5.2	Install		-	-	-
14.5.5.3	Perform Operational Checkout		-	-	-
14.5.6	AGM-114 Controller Module				
14.5.6.1	Remove		-	-	-
14.5.6.2	Install		-	-	-
14.5.7	Power Inverter				
14.5.7.1	Remove		-	-	-
14.5.7.2	Install		-	-	-
14.5.8	Inrush Current Limiter				
14.5.8.1	Remove		-	-	-
14.5.8.2	Install		-	-	-
14.5.9	Inverter Tray				
14.5.9.1	Remove		-	-	-
14.5.9.2	Install		-	-	-
14.6	Support Equipment				
14.6.1	Single Bay Station (SBS)				
14.6.1.1	Description		-	-	-
14.6.1.2	Power Initialization		-	-	-
14.6.1.3	Power Down		-	-	-
14.6.2	Ruggedized Aircraft Maintenance Test Stand (RAMTS)				
14.6.2.1	Description		A	-	-
14.6.2.2	Power Initialization		2b	-	-
14.6.2.3	Power Down		2b	-	-
14.6.3	Ground Control Station				
14.6.3.1	Description		-	-	-
14.6.3.2	Power Initialization		-	-	-
14.6.3.3	Power Down		-	-	-
14.6.4	28V DC Power Supply (Sorensen)				
14.6.4.1	Description		A	-	-
14.6.4.2	Power Initialization		1b	-	-
14.6.4.3	Power Down		1b	-	-
14.6.5	28V DC Power Supply (Mini-Sorensen)				
14.6.5.1	Description		-	-	-
14.6.5.2	Power Initialization		-	-	-
14.6.5.3	Power Down	4	-	-	-

Attachment 1

Task ID	Task	Core Task	3Level Crs	5Level CDC	7Level CDC
14.6.6	ADU-537A/E Missile Munition Loading Adapter				
14.6.6.1	Description		A	-	-
14.6.6.2	Inspect		1b	-	-
14.6.6.3	Operate		1b	-	-
14.6.6.4	Maintain		-	-	-
14.7	Test Equipment				
14.7.1	AN/AWM-103 Tester				
14.7.1.1	Description		A	-	-
14.7.1.2	Inspect		1a	-	-
14.7.1.3	Maintain		-	-	-
14.7.1.4	Repair		-	-	-
14.7.1.5	Self-Test		1a	-	-
14.8	Fault Isolation Procedures – Ref: TOs 1Q-9(M)A-2DB-1: (94FI-00-1)				
14.8.1	Principles of Troubleshooting		A	-	-
14.8.2	Use Fault Isolation Technical Orders	7	1a	-	-
14.8.3	Use Schematic / Wiring Diagrams	7	1a	-	-
14.8.4	Perform Troubleshooting of Electrical Circuit Malfunctions	7	-	-	-
14.8.5	Perform Isolation of Electrical Circuit Malfunction using Test Equipment	7			
14.9	Airmunitions (See Matrix)– Ref: TOs 1Q-9(M)A-33-2-1, 11A-1-63				
14.9.1	Characteristics		A	-	-
14.9.2	Aircraft Preparation (TQT)	5F	1b	-	-
14.9.3	Munitions Preparation (TQT)	5F	1b	-	-
14.9.4	Load (TQT)	5F	1b	-	-
14.9.5	Unload (TQT)	5F	1b	-	-

Attachment 1