

**HEADQUARTERS
DEPARTMENT OF THE ARMY**

ARTEP 6-303-30-MTP

MISSION TRAINING PLAN

**FIELD ARTILLERY
TARGET ACQUISITION BATTERY
AND
DETACHMENT**

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PREFACE

- P-1 This Mission Training Plan represents the first efforts of the Field Artillery School to use the Automated Systems Approach to Training (ASAT) software to produce training products. This software is a relational database designed to assist training developers in their efforts to produce quality training products in a digital format and deliver the products to users in the field as soon as possible. However, because a database and not a word processor produced this MTP, several peculiarities exist.
- a. Many types of sections perform many of the tasks in this manual. Therefore, you may see elements listed in the manual that do not exist in your unit. This happens because of the database process used. An example of this: You will see the command section listed as an element in the element/collective task listing in chapter 2 of all battery MTPs. A firing battery does not have a command section. This happens because Battery Commanders as well as Battalion Commanders perform the task "Reduce Battlefield Stress". The task appears in every MTP produced by USAFAS. You will also see the command section listed as an element that performs the task in chapter 5. When you review the task in chapter 5 keep this mind that some elements you see will not exist you specific unit, and you should disregard those elements.
 - b. Another thing that may appear unusual arises from the fact that when several different sections in different types of units perform the same task, you will see supporting individual tasks for MOS codes you do not have in your unit. Once again, disregard these individual tasks if they do not pertain to your unit.
- P-2 When you review the manual you will also see the format of the manual has changed considerably. This change was brought about in order to leverage the power of the database and to improve the school's ability to provide you with the most accurate and up to date information available.
- a. The Army has put considerable effort into the development of Combined Arms Training Strategies. (CATS) These strategies are address in more detail in the body of the manual in chapter 3.
 - b. The CATS effort has produced a number of training strategies for the FA community. Presently we have strategies for every type of unit in the FA. These strategies are listed in MS Word format on the WIDD home page. The address is listed in chapter 3. When you go to the site, open the table of contents and then go to unit training and you will see the hot link to CATS events.
- P-3 We are attempting to develop training products in a time when the bulk of systems are highly computerized and changes are common and frequent. Not only is equipment changing, but also, the concept of unit structures and missions are undergoing dramatic changes. All these things affect unit-training products. This rapidly changing environment causes changes to tasks and strategies. Up to this point, the field (users) had to wait until a new word processing document was produced to capture the new materials for specific tasks or training strategies. This caused the field to always be behind in the latest task data. We are very close to having the ability to make changes today and deliver them to the field tomorrow. By using ASAT and SATS, the field can get much closer to real time information. As tasks and CATS strategies are updated to reflect new technology, new doctrine, or improvements, the field will have access to this information through SATS. They will do this by downloading the new task from the Reimer Digital Library Data Repository (see chapter 3 for the address) or by going to WIDD homepage and getting a word processing document.

- a. The advantage of getting the database product from the Reimer data repository is that the data will be imported directly into your SATS database and will update the existing task. This will save you time and effort since the database produces reports, training events, and may be used to produce unit METL.
 - b. The disadvantage of using the WIDD home page is that the unit will have to manually input data into SATS and this will require more time and present the possibility for mistakes.
- P-4. Training strategies: In this MTP, we have attempted to define the minimum acceptable performance for units and sections in order to be considered "qualified". We have developed training strategies and Artillery Tables that support this concept.
- a. This minimum standard has been defined by units in the field and captured by developers at the field artillery school. Unit commanders may modify this standard and establish standards they feel better fit their specific mission.
 - b. We have developed many training strategies that support the artillery tables. We have a training strategy (CATS event) titled "Howitzer Section Tasks (06-TS-4001). This event includes all the tasks listed in the section tables in appendix "B" and several other tasks that have been recommended for training because they are easily trained with the howitzer section tasks.
 - c. In addition to artillery table tasks for cannon and MLRS firing sections, CATs events have been developed for most sections including the battalion and battery FDC sections, platoon operations centers, RADAR sections, Met sections, and all staff sections. The artillery tables above section level have CATS events that support them just as the sections do.
 - d. The gunnery strategy we developed requires that all elements in the gunnery chain, (weapon system, POC, FDC, and FIST) all train in a stand-alone mode (walk) on the tasks they must perform without stimulus or input from other elements. In this mode the use of training devices such as DSTATS, SISTIM, or embedded training capabilities can and should be used.
 - e. In addition to CATS events that have been developed to support the artillery tables, USAFAS has developed training support packages (TSP) to assist units. You will find a complete list of these TSPs in chapter 4 along with instructions on how to obtain and use them.

P-5. Any comments or questions should be addressed to Henry Koelzer, Chief, Unit Training Branch, Warfighting, Integration, and Development Directorate, USAFAS.

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Helpful Web Sights

Reimer Data Repository <http://155.217.58.100/dr/>

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Army Unit CATS <ftp://ftp-dcst.monroe.army.mil/CATS/armycats.htm>

Army Training Support Center Help Desk * <http://www.atsc.army.mil/helpdesk/>

* For help with SATS or any other automated delivery system.

MISSION TRAINING PLAN

MISSION TRAINING PLAN FOR THE TARGET ACQUISITION BATTERY AND THE CORPS TARGET ACQUISITION DETACHMENT

TABLE OF CONTENTS

	<u>PAGE</u>
PREFACE	ii
Table of Contents	i
Chapter 1. Unit Training	1-1
Chapter 2. Training Matrixes	2-1
2-1. General.....	2-1
2-2. Mission to Collective Tasks Listing	2-1
2-3. Supporting References to Collective Tasks Listing.....	2-3
2-4. Individual Task to Collective Task Listing	2-19
Chapter 3. Combined Arms Training Strategies	3-1
Chapter 4. Training Support Packages	4-1
Chapter 5. Training and Evaluation Outlines	5-1
Chapter 6. External Evaluation	6-1
APPENDIX A - TIME STANDARDS	A-1
APPENDIX B - ARTILLERY TABLES	B-1
APPENDIX C - OPFOR TASKS	C-1
Glossary	Glossary-1
Supporting References	Reference-1
Authentication	Authentication-Error! Bookmark not defined.

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ARTEP 6-303-30-MTP

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CHAPTER 1

Unit Training

- 1-1. General: This mission training plan (MTP) provides the commander and leaders with guidance on how to train the key collective tasks of the unit. It also provides guidance for those that must evaluate a unit's performance (observer controllers/mentors/evaluators).
- 1-2. The specific details of the unit's training program depends on the following factors:
 - a. A Combined Arms Training Strategy.
 - b. Unit's mission-essential task list (METL).
 - c. Directives and guidance from higher headquarters.
 - d. Training priorities of the unit.
 - d. Availability of training resources and areas.
- 1-3. Supporting Material: This MTP describes a mission-oriented training program that must tie in with the next higher echelon's training program. The unit's training program consists of:
 - a. ARTEP/MTP: This Army training and evaluation program (ARTEP) indicates the relationship of the battery's training program to the battalion-training program, etc.
 - b. Soldier training publications (STPs) for the appropriate military occupational specialty (MOS) and skill levels (SLs).
 - c. Officer Education System (OES) manual for Officers or the Warrant Officers Education System (WOES).
- 1-4. Contents: This MTP is organized into six chapters and three appendices:
 - a. Chapter 1: Unit Training provides the explanation and organization of this MTP. This chapter explains how to use this MTP in establishing an effective training program. It also gives guidance for evaluating a unit's performance.
 - b. Chapter 2: Training Matrix, shows the relationship between Army Universal Task List (AUTL), BOS, and collective tasks. Also provided is the relationship between Collective and Individual supporting tasks.
 - c. Chapter 3: Combined Arms Training Strategy (CATS), training event matrices. This chapter gives an overview of CATS and how it affects unit training. It also tells users of this manual how to obtain CATS.
 - d. Chapter 4: Training Support Packages available. This chapter contains information about Training Support Packages available for units affected by this MTP. It also contains information on how to best use them and where to obtain them.
 - e. Chapter 5: Training and Evaluation Outlines, provides the training and evaluation criteria for all the tasks. Each task has a training and evaluation outline (T&EO) that identifies task steps, performance measures, and individual and leader tasks. Critical performance measures are identified with a "+". See section 1-4 "Evaluation" for explanation of critical

performance measures. Each T&EO is part of a mission and, in various combinations, composes training exercises.

- f. Chapter 6: External Evaluation, provides instructions for the planning, preparation, and execution of an external evaluation.
- g. Appendix A: Time and Accuracy Standards, describes fire mission standards both digital and manual (cannon only).
- h. Appendix B: Artillery Tables, lists those tasks that have been determined to be combat critical for specific levels of fire support (launcher/gun, platoon, battery, and battalion.) These tasks are directly associated with section qualification and certification. CATS events have been developed around these tables.
- g. Appendix C: OPFOR Tasks and Standards, provides enhanced realism during unit training.

1-5. Task Assessment:

- a. Each task has a standard that measures the successful performance of the task and task steps that give directions on the how-to of task performance. Furthermore, some steps have performance measures listed as well. In order to assess a task and give a "T, P, or U" rating, we have attempted to identify a criteria that satisfies the needs of the commanders and is as non-ambiguous as possible. Keeping in mind that the commander has the ultimate responsibility of rating a task, this method below represents one way to assess tasks. It cannot possibly take into account all possible situations and apply METT-TC to the assessment. The commander must do that and use his subjective opinion to give the final rating.
- b. In addition to the standard, several task steps/performance measures are listed for each task. Each task step/performance measure is graded either "GO" or "NO-GO". The question, "Does a unit have to perform each task step/performance measure successfully in order to receive a "Trained" for the task?" has always arisen. In the past, the answer according to the MTP manuals was "Yes". We know however, the practical answer is no. As long as the task standard is met, and critical steps, identified with a "+", are performed to standard the unit will successfully perform the task. If every step were required for successful completion of a task, the unit would never have a rating of "Practice" for any task. We have attempted to identify critical steps for each task. We may have overlooked some steps, and you may not agree with our evaluation of critical steps. We ask your help to identify critical steps during your review and use of this manual.
 - (1) A rating of "T" = All critical task steps/performance measures as indicated by a "+" are performed, 70% of those task steps not listed as critical are performed and the element attains the task standard. "T" (trained) means that the unit can successfully perform the task to standard. Only sustainment training is needed. The leader/OC or trainer judges task performance to be free of significant shortcomings. Practice on "T" tasks is designed to keep soldiers from losing proficiency.
 - (2) A rating of "P" = All critical task steps/performance measures as indicated by a "+" are performed, less than 70% of those task steps not listed as critical are performed and the task standard is met. "P" (practice) means that the unit can perform the task with some shortcomings. The shortcomings are not severe enough to require complete retraining. Only refresher training is required. It is possible to fail each critical task step and attain the rating of "P". The determining factor is the task standard. The task standard must be met to receive a rating of "P".

(3) A rating of "U" = The unit fails to attain the task standard. "U" (untrained) means that the unit cannot perform the task to standard. The element has failed one or more critical task step/performance measure. The determining factor is the failure of the unit to perform the task to the stated standard. It may be assumed that if a critical task step is failed, then the task standard cannot be met. The leader must prepare a comprehensive strategy to train all tasks not executed to standard.

- Any discrepancy you find in our analysis of critical task steps needs to come to the attention of the Field Artillery School (ATTN: Henry Koelzer koelzerh@doimex2.sill.army.mil) Phone DSN 639-3300/4050 CML 580-442-3300/4050

- a. Units should strive to receive a "GO" on each performance measure. "NOGOs" should be brought out during AARs and Critiques. Units should train to eliminate "NO-GOs" from future evaluations.
- f. Evaluations can be internal or external. Internal evaluations are conducted at all levels, and they must be inherent in all training. External evaluations are usually more formal and are normally conducted by a headquarters above the unit being evaluated. (See Chapter 6, External Evaluation.)
- g. A critical weakness in training is the failure to evaluate each task every time it is executed. The ARTEP concept is based on simultaneous training and evaluation. Too often, leaders do not practice continuous evaluation. Often, soldiers or small units are trained to perform a task to standard; then later, when they execute that task as part of a training exercise, they execute it poorly or incorrectly and are not corrected. For this program to work, trainers and leaders must continually evaluate training as it is being executed.
- h. Leaders should emphasize direct, on-the-spot evaluations. Correcting poor performance during individual or small group training is easy to do. In higher-level exercises, it is usually not feasible to do this with outside evaluators, but the opportunity for correction should not be overlooked. Plan AARs at frequent logical intervals during the exercises (usually after the completion of a major subordinate task). This is a proven technique that allows you to correct performance shortcomings while they are still fresh in everyone's mind and prevents reinforcement of bad habits.
- i. FM 25-101 provides detailed instructions for conducting an AAR and detailed guidance on coaching and critiquing during training.

1-6. Training And Evaluation Outlines

- a. General: Chapter 5 contains the collective task T&EOs for the unit. T&EOs are the foundation of the MTP and the collective training of the unit. T&EOs are training objectives (task, conditions, and standards) for the collective tasks, which support critical operations. The unit must analyze its METL to determine which T&EOs it must train. The unit must master those designated tasks to accomplish its critical mission.
- b. Structure: The T&EOs in chapter 5 are listed at Table 5-1.
- c. Format: Each T&EO contains the following items:
 - (1). Element: This identifies the unit or unit element(s) that performs the task.

- (2). Task: This describes the action to be performed by the unit.
 - (3). References: These are in parenthesis following the task number.
 - (4). Iteration: This is used to identify how many times the task was performed and evaluated during training. The "M" identifies when the task is performed in mission-oriented protective posture, level 4 (MOPP 4). Unless otherwise indicated, some iterations of all tasks are performed in MOPP 4.
- d. Commander/Leader Assessment: This is used by the unit leadership to assess the proficiency of the unit in performing the task to standard. Assessments are subjective in nature and use all available evaluation data and subunit leader input to develop an assessment of the organization's overall capability to accomplish the task. The following ratings are used:
- (1). T – Trained: The unit is trained and has demonstrated proficiency in accomplishing the task to standards.
 - (2) P - Needs practice: The unit needs to practice the task. Performance has demonstrated that the unit does not achieve standard without some difficulty or has failed to perform some task steps to standard.
 - (3) U – Untrained: The unit does not demonstrate an ability to achieve the task standard.
- f. Condition: A statement of the situation or environment in which the unit is to perform the collective task.
- g. Task standard: Performance criteria to successfully execute the task. This overall standard should be the focus of training. It should be understood by every soldier.
- h. Task Steps and Performance Measures: Task Steps are a list of actions that are required to successfully complete the task. These actions are further stated in terms of observable performance measures for evaluating training proficiency. The unit must be evaluated in the context of the current METT-TC conditions. Critical performance measures are identified with a "+". The unit must receive a "GO" on all performance measures identified with a "+".
- i. GO/NO-GO Column: This column is provided for annotating the element's performance of the task steps. Evaluate each performance measure for a task step and place an "X" in the appropriate column.
- j. Task Performance/Evaluation Summary Block: This block provides the trainer a means of recording the total number of task steps and performance measures evaluated and those evaluated as "GO." It provides the trainer a means to rate the unit's demonstrated performance as a "GO" or "NO-GO." It also provides the leader with a historical record for five training iterations.
- k. Supporting Individual Tasks: A listing of all supporting individual tasks required to perform the collective task correctly.
- l. OPFOR Tasks and Standards: Appendix C provides a list of generic OPFOR tasks. The standards specify overall OPFOR performance for each collective task.

- 1-6. Mission and Tasks: Because the field artillery supports all missions listed in the Army Tactical Mission list, (Offensive Actions, Defensive Actions, Stability Actions, Support Actions, Conduct Tactical Mission Tasks, Conduct Enabling Operations, and conduct Forcible Entry Operations), our mission list will fall directly in line with the tactical level of the Army Unit Task List. (AUTL). The AUTL is the language the Army is using to help understand the relationship between battlefield operation systems (BOS) and the supporting collective tasks among the BOS. Our existing missions fall directly in line with the AUTL.
- a. Move
 - b. Deploy
 - c. Acquire Targets
 - d. Deliver Fires
 - e. Perform Logistics
 - f. Coordinate Fire Support
 - g. Survive
 - h. Communicate
 - i. The missions we list are not really missions at all. They are however, categories of tasks. These categories allow commanders to easily locate collective tasks that will support their METL.
 - j. Collective training by its nature, is multi-echelon. A unit may train a specific category of tasks (Deploy/Maneuver) separately, however when performing collective training more than one category of tasks is almost always trained. I.e. Some Command and Control tasks will usually be performed during any training. Leaders are taking charge, making decisions, and informing subordinates of those decisions by some means of communications. Units must not forget the multi mission/AUTL level of training.
- 1-8. Principles of Training: This MTP is based on the training principles found in FM 25-100, Training the Force.
- 1-9. Training Strategy: The Army's Combined Arms Training Strategy (CATS), provides a template whereby units can develop and execute a training program for their critical missions. The purpose of CATS is to provide direction and guidance on how the Army trains and identifies the resources required to support that training. CATS provide the tools that enable the Army to focus and manage training in an integrated manner. Central to CATS is a series of proponent-generated unit and institutional strategies that describe the training and training resources required to train to standard.
- a. The unit training strategies central to CATS provide the commander with a descriptive "menu" for training. These strategies have been developed based on specific base TO&Es and do not reflect the MTOE that actually exists in the field. Commanders must massage these strategies to fit their specific situation and resources.
 - b. A unit's training strategy is composed of three separate training strategies. When integrated with the training tasks found in the MTP, they form a comprehensive and focused training strategy that allows the unit to train to standard. The elements of this unit's training strategy are:

- (1) Combined Arms Training Strategy. CATS provides a set of recommended training frequencies for key training events in a unit and depict those resources that are required to support the training events. This training includes not only those elements organic to a specific unit, but also units that work in coordination with that unit. I.e. The elements of the maneuver brigade that are supported by the brigade fire support element and the Forward Support Battalion or Aviation Lift Company habitually tasked to support the unit.
 - (2) Individual Training Strategy: The unit commander will develop a strategy to train individual tasks that are not trained at the institution and reinforce tasks taught at the institution. This strategy usually consists of some sort of "Prime Time Training" or "Sergeant's Time Training". The name given the training event is unimportant. The training time allocated is that time whereby the First Line Supervisor, meeting commanders guidance, trains his soldiers in those tasks required to accomplish those collective tasks that support the unit METL.
 - (3) Crew Training Strategy: This strategy allows for the section chief (first line supervisor) to train those METL tasks the commander has determined to be critical.
- c. When developing the unit's training plan, the commander identifies the training tasks from the MTP required to train his METL. Chapter 2 contains a matrix that lists tasks with an associated mission, however this may not reflect a complete or accurate list of tasks that a unit may need to accomplish its METL tasks.
- 1-10. Conducting Training: This MTP is designed to facilitate the planning, preparation, and conduct of unit training as explained in the FM 25-100, Training the Force, and FM 25-101, Battle Focused Training.
- a. The commander assigns the missions and tasks for training based on his METL and the training guidance from the next higher headquarters. Trainers must plan and execute training in support of this guidance.
 - b. The commander reviews the mission outline in Chapter 3 to determine whether the FTX and STXs provided will support or can be modified to support the senior commander's guidance. If they do not support the guidance or need to be modified, refer to the matrix in Chapter 2. The matrix provides a listing of collective tasks that must be mastered to perform the mission.
 - c. The commander prioritizes the tasks that need training.
 - d. The commander integrates training tasks into the training schedule by:
 - (1) Listing the tasks in the priority and frequency they need to be trained.
 - (2) Determining the amount of time required and how multiechelon training can be used for the best results.
 - (3) Determining where the training can take place.
 - (4) Determining who is responsible for what. The leader of the element being trained must always be involved.
 - (5) Organizing his requirements into blocks of time and training vehicles.

- e. The commander must approve the list of tasks to be trained and schedule them on the unit-training schedule.
- f. The commander must determine the equipment and supplies needed to conduct the training.
- g. The commander must keep subordinate leaders informed and oversee their training. The standards must be rigidly enforced.

1-11. Safety:

- a. Safety is a component of force protection. Commanders, leaders, and soldiers use risk assessment and management to tie force protection into the mission. Risk management assigns responsibility, institutionalizes the commander's review of operational safety, and leads to decision making at a level of command appropriate to the risk. The objective of safety is to help units protect combat power through accident prevention, which enables units to win fast and decisively with minimum losses. Safety is an integral part of all combat operations and begins with readiness. Readiness determines a unit's ability to perform its METL to standard. Readiness standards addressed during METL assessment are:
 - (1) Soldiers with the self-discipline to consistently perform tasks to standard.
 - (2) Leaders who are ready, willing, and able to enforce standards.
 - (3) Training that provides skills needed for performance to standard.
 - (3) Standards and procedures for task preference that are clear and practical.
 - (4) Support for task preference, including equipment, personnel, maintenance, facilities, and service.
- b. Risk management is a tool that addresses the root causes (readiness shortcomings) of accidents. It assists commanders and leaders in not only identifying what the next accident is going to be, but it also helps identify who will have the next accident. Risk management is a way to put more realism into training without paying the price in deaths, injuries, or damaged equipment. It also enhances soldier confidence in their ability to do their mission safely and in their leadership.
- c. Safety demands total chain of command involvement in planning, preparing, executing, and evaluating training. The chain of command responsibilities include--
 - (1) Commanders, who must:
 - (a) Seek optimum, not adequate, performance.
 - (b) Specify the risk acceptable to accomplish the mission.
 - (c) Select risk reductions provided by staff.
 - (d) Accept or reject residual risk, based on the benefit to be derived.
 - (e) Train and motivate leaders at all levels to effectively use

risk management concepts.

- (2) Staff, who must:
 - (a) Assist the commander in assessing risks and develop risk reduction options for training.
 - (b) Integrate risk controls in plans, orders, METL standards, and performance measures.
 - (c) Eliminate unnecessary safety restrictions that diminish training effectiveness.
 - (d) Assess safety performance during training; evaluate safety performance during after action reviews (AARs).
- (3) Subordinate leaders, who must:
 - (a) Apply consistently effective risk management concepts and methods to operations they lead.
 - (b) Report risk issues beyond their control or authority to their superiors.
- (4) Individual soldiers, who must:
 - (a) Report unsafe conditions, act, and correct the situation when possible.
 - (c) Establish a buddy system to keep a safety watch on one another.
 - (c) Take responsibility for personal safety.
 - (d) Work as a team member.
 - (e) Modify own risk behavior.
- e. Risk management is a five-step cyclic process that is easily integrated into the decision making process outlined in FM 101-5. The five steps are:
 - (1) Identify Hazards. Identify the most probable hazards for the missions.
 - (2) Assess Hazards. Analyze each hazard to determine the probability of its causing an accident and the probable effect of the accident. Identify control options to eliminate or reduce the hazard. The Army Standard Risk Assessment Matrix (Figure 1-1) is a tool for assessing hazards.
 - (3) Make Risk Decisions. Weigh the risk against the benefits of performing the operations. Accept no unnecessary risks and make any residual risk decisions at the proper level of command

		HAZARD PROBABILITY				
		Frequent	Probable	Occasional	Remote	Improbable
		A	B	C	D	E
CATASTROPHIC	I	EXTREMELY HIGH				
CRITICAL	II	HIGH				
MARGINAL	III	MEDIUM				
NEGLIGIBLE	IV	LOW				

Effect

Catastrophic Death or permanent total disability, system loss, major property damage.

Critical Permanent partial disability, temporary total disability in excess of 3 months, major system damage, significant property damage

Marginal Minor injury, lost workday accident, compensable injury or illness, minor system damage, minor property damage

Negligible First aid or minor supportive medical treatment, minor system impairment

Probability

Frequent Individual soldier/item Occurs often in career/equipment service life.
All soldiers exposed or item inventory Continuously experienced.

Probable Individual soldier/item Occurs several times in career/equipment service life.
All soldiers exposed or item inventory Occurs frequently.

Occasional Individual soldier/item Occurs sometime in career/equipment service life.
All soldiers exposed or item inventory Occurs sporadically, or several times in inventory service life.

Remote Individual soldier/item Possible to occur in career/equipment service life.
All soldiers exposed or item inventory Remote chance of occurrence; expected to occur sometime in inventory service life.

Improbable Individual soldier/item Can assume will not occur in career/equipment service life.
All soldiers exposed or item inventory Possible, but improbable; occurs only very rarely.

Risk Levels

Extremely High Loss of ability to accomplish mission.
High Significantly degrades mission capabilities in terms of required mission standards.
Medium Degrades mission capabilities in terms of required mission.
Low Little or no impact on mission accomplishment.

Figure 1-1. Risk Assessment Matrix:

- (4) Implement Controls. Integrate specific controls into operational plans (OPLANs), operation orders (OPORDs), standing operating procedures (SOPs) and rehearsals. Communicate controls to the individual soldier.
 - (4) Supervise. Determine the effectiveness of controls in reducing the probability and effect of identified hazards to include follow up and after action review. Develop the lessons learned.
- 1-12. Environmental Protection: Protection of natural resources has continued to become an ever-increasing concern to the Army. It is the responsibility of all unit leaders to decrease, and if possible, eliminate damage to the environment when conducting training. Environmental risk management parallels safety risk management and is based on the same philosophy as safety risk management. Environmental risk management consists of the following steps:
- a. Identify Hazards: Identify potential sources for environmental degradation during analysis of mission, enemy, terrain, troops, and time available (METT-T) factors. This requires identification of environmental hazards. An environmental hazard is a condition with the potential for polluting air, soil, or water and or destroying cultural and historical artifacts.
 - b. Assess the Hazard: Analyze potential severity of environmental degradation using environmental risk assessment matrixes (Figure 1-3). Severity of environmental degradation is considered when determining the potential effect an operation will have on the environment. The risk impact value is defined as an indicator of the severity of environmental degradation. Quantify the risk to the environment resulting from the operation as extremely high, high, medium, or low, using the environmental risk assessment matrixes.
 - c. Make Environmental Risk Decisions. Make decisions and develop measures to reduce high environmental risks.
 - d. Brief Chain of Command: Brief chain of command (to include installation environmental office, if applicable) on proposed plans and pertinent high-risk environmental matrixes. Risk decisions are made at a level of command that corresponds to the degree of risk.
 - e. Implement Controls: Implement environmental protection measures by ntegrating them into plans, orders, SOPs, training performance standards, and rehearsals.
 - f. Supervise: Supervise and enforce environmental protection standards.

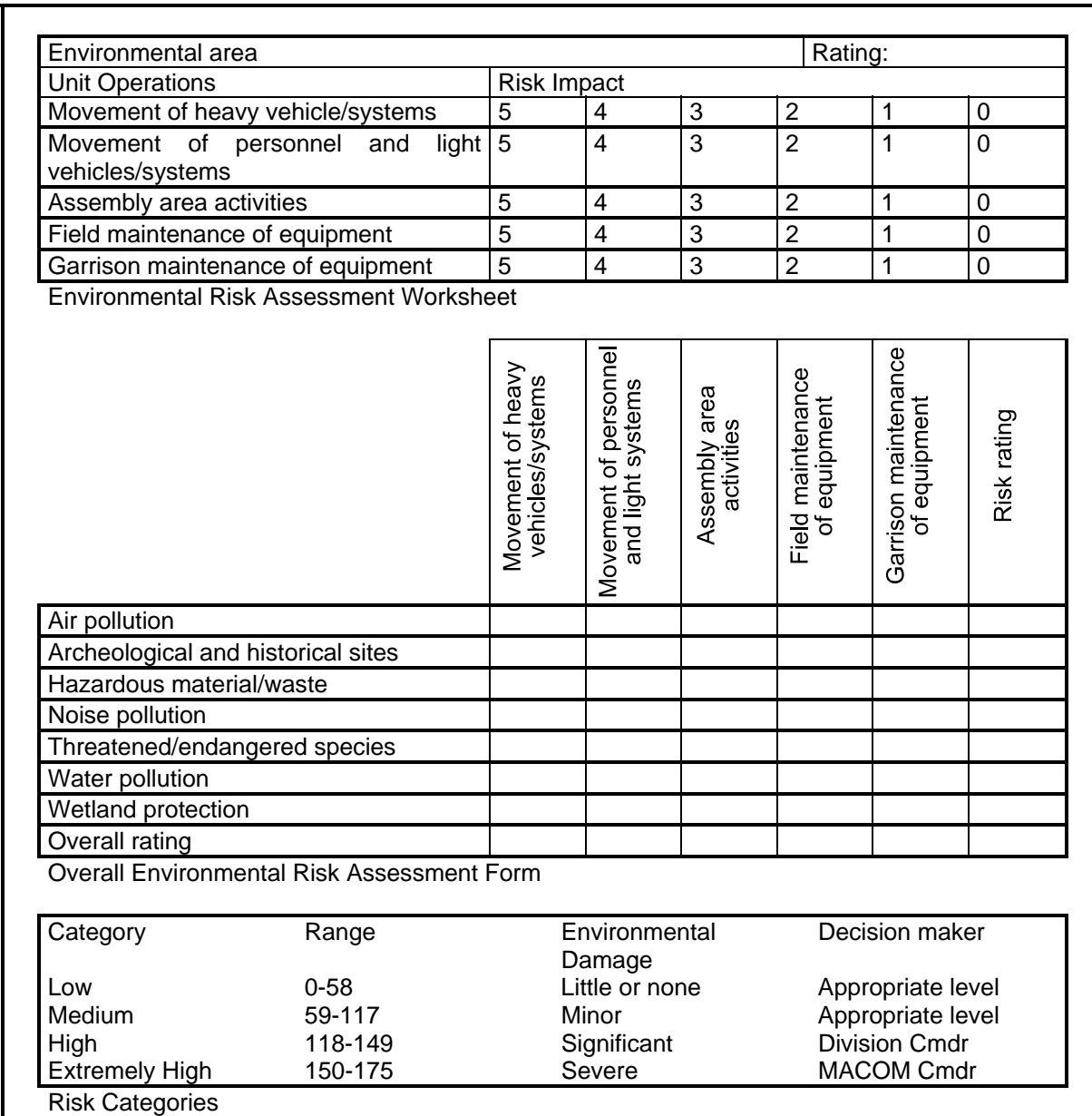


Figure 1-2. Environmental Risk Assessment Matrix

CHAPTER 2

Training Matrixes

2-1. General. The training Listing assists the commander in planning the training of his unit's personnel. The mission identification table listed below (Figure 2-1) provides mission identification for the unit.

Mission Identification Table	
Mission Title	
• ACQUIRE TARGETS	
• COMMUNICATE	
• DEPLOY	
• MAINTAIN AND RESUPPLY	
• MOVE	
• SURVIVE	

Figure 2-1. Mission Identification Table.

2-2. Mission to Collective Tasks Listing. This listing (Figure 2-2), identifies the mission and their supporting collective tasks. The tasks are listed under the appropriate BOS which are indicated by an asterisk in the listing. The BOS used in this listing are defined in TRADOC Pam 11-9. A specific mission is trained by identifying collective tasks in the vertical column for the mission. Based on the proficiency of the unit, training is focused on operational weaknesses.

MISSION: ACQUIRE TARGETS

Collective Task(s) (06-4-Q001)	PERFORM HASTY SURVEY (RADAR)
(06-4-Q003)	EMPLACE AND PREPARE RADAR EQUIPMENT FOR OPERATIONS
(06-4-Q009)	OCCUPY A RADAR SITE
(06-4-Q010)	RECONNOITER A RADAR POSITION
(06-4-Q011)	PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT
(06-4-Q045)	PERFORM SURVEILLANCE AND LOCATE TARGETS

MISSION: COMMUNICATE

Collective Task(s) (06-2-A000.06-Q000)	ESTABLISH AND MAINTAIN COMMUNICATIONS
(06-2-A005)	PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT
(06-2-A078)	PERFORM OPERATORS MAINTENANCE ON COMMUNICATIONS EQUIPMENT
(11-5-0102.06-A000)	INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION
(11-5-1102.06-A001)	INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINCGARS) FREQUENCY HOPPING (FH) NET

MISSION: DEPLOY

Collective Task(s) (06-2-A066) CONDUCT BATTERY PRE/REDEPLOYMENT OPERATIONS

MISSION: MAINTAIN AND RESUPPLY

Collective Task(s) (06-2-A005) PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT
(06-2-A007) COORDINATE COMBAT SERVICE SUPPORT FOR A FIELD ARTILLERY BATTERY
(06-2-A078) PERFORM OPERATORS MAINTAINENCE ON COMMUNICATIONS EQUIPMENT
(06-4-A001) MANAGE MAINTENANCE RECORDS AND SUBMIT REPORTS
(06-4-A002) ESTABLISH AN ORGANIZATIONAL MAINTENANCE FACILITY
(06-4-A003) MAINTAIN PETROLEUM, OILS, AND LUBRICANTS
(06-4-Q011) PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT
(10-2-C230.06-A001) PROVIDE UNIT SUPPLY SUPPORT
(12-2-C321.06-A007) MAINTAIN COMPANY/BATTERY STRENGTH
(12-3-C216.06-A008) MAINTAIN PLATOON STRENGTH
(43-2-C322.06-A000) PERFORM UNIT LEVEL MAINTENANCE
(43-2-C323.06-A001) MANAGE UNIT MAINTENANCE OPERATIONS

MISSION: MOVE

Collective Task(s) (03-3-C208.06-A006) CROSS A RADIOLOGICALLY CONTAMINATED AREA
(03-3-C226.06-A011) CROSS CHEMICALLY CONTAMINATED AREA
(06-2-A003) OCCUPY A TACTICAL ASSEMBLY AREA
(06-2-A022) DEFEND AGAINST AMBUSH
(06-3-A004) COMMAND AND CONTROL BATTERY/PLATOON/SECTION MOVEMENT OPERATIONS
(06-4-Q002) MARCH-ORDER RADAR EQUIPMENT

MISSION: SURVIVE

Collective Task(s) (03-2-C310.06-0000) CONDUCT A CHEMICAL SURVEY
(03-2-C312.06-A001) CONDUCT THOROUGH DECONTAMINATION OPERATIONS
(03-3-C201.06-A002) PREPARE FOR OPERATIONS UNDER NBC CONDITIONS
(03-3-C202.06-A003) PREPARE FOR A CHEMICAL ATTACK
(03-3-C203.06-A004) RESPOND TO A CHEMICAL ATTACK
(03-3-C205.06-A001) PREPARE FOR A FRIENDLY NUCLEAR STRIKE
(03-3-C206.06-A005) PREPARE FOR NUCLEAR ATTACK
(03-3-C208.06-A006) CROSS A RADIOLOGICALLY CONTAMINATED AREA
(03-3-C222.06-A007) RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR ATTACK
(03-3-C223.06-A008) RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK
(03-3-C224.06-A009) CONDUCT OPERATIONAL DECONTAMINATION
(03-3-C225.06-A010) CONDUCT CHEMICAL RECONNAISSANCE
(03-3-C226.06-A011) CROSS CHEMICALLY CONTAMINATED AREA
(06-2-A022) DEFEND AGAINST AMBUSH

(06-3-A000)	PLAN AND CONDUCT DEFENSE AND SECURITY OF THE BATTERY/PLATOON AREA AND MATERIAL
(06-4-V004)	SUBMIT SURVEY REPORTS AND COMBAT INFORMATION
(06-5-A000)	PERFORM OBSERVATION AND SURVEILLANCE
(06-5-A001)	PERFORM CRATER ANALYSIS OPERATIONS
(06-5-A002)	PERFORM ANTIARMOR OPERATIONS
(06-5-A003)	PERFORM DESTRUCTION OF MATERIAL AND RECORDS
(08-2-0003.06-A001)	TREAT CASUALTIES
(08-2-C316.06-A006)	TRANSPORT CASUALTIES
(08-2-R315.06-A007)	PERFORM FIELD SANITATION FUNCTIONS
(10-2-C002.06-A000)	PERFORM UNIT GRAVES REGISTRATION FUNCTIONS
(12-1-C401.06-A000)	REDUCE BATTLEFIELD STRESS
(19-2-C702.06-A000)	HANDLE ENEMY PRISONERS OF WAR
(19-3-3105.06-A001)	PROCESS CAPTURED DOCUMENTS AND EQUIPMENT
(44-1-C220.06-A000)	USE PASSIVE AIR DEFENSE MEASURES
(44-1-C221.06-A001)	TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS
(71-3-R231.06-0001)	PERFORM RISK MANAGEMENT PROCEDURES

Figure 2-2. Collective Task to Missions.

2-3. Supporting References to Collective Tasks Listing. This listing (Figure 2-3), identifies references that provide additional information on each of the Collective Tasks.

BOS: Develop Intelligence

Collective Task:	06-4-A032	PREPARE AND MAINTAIN TARGET CARDS AND TARGET FILES
Reference(s)	FM 34-1	Intelligence and Electronic Warfare Operations
	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
	FM 6-20-10	Tactics, Techniques and Procedures for the Targeting Process, 8 May 1996
	FM 6-20-2	Corps Artillery, Division Artillery, and Field Artillery Brigade Headquarters
	FM 6-20-30	Tactics, Techniques, and Procedures for Fire Support for Corps and Division, 18 October 1989
Collective Task:	06-4-Q045	PERFORM SURVEILLANCE AND LOCATE TARGETS
Reference(s)	TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
	TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5
	TM 11-5840-380-10	Operator's Manual for Radar Set AN/TPQ-36 (V)8
Collective Task:	06-4-V004	SUBMIT SURVEY REPORTS AND COMBAT INFORMATION

Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
Collective Task:	06-5-A000	PERFORM OBSERVATION AND SURVEILLANCE
Reference(s)	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
Collective Task:	06-5-A001	PERFORM CRATER ANALYSIS OPERATIONS
Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
Collective Task:	06-6-A036	DEVELOP TARGETING INFORMATION DURING MISSION PLANNING, PREPARATION, AND EXECUTION
Reference(s)	FM 34-130	Intelligence Preparation Of The Battlefield
	FM 34-2	Collection Management. 8 Mar 94.
	FM 34-3	Intelligence Analysis
	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
	FM 6-20-10	Tactics, Techniques and Procedures for the Targeting Process, 8 May 1996
	FM 6-20-2	Corps Artillery, Division Artillery, and Field Artillery Brigade Headquarters
Collective Task:	19-3-3105.06-A001	PROCESS CAPTURED DOCUMENTS AND EQUIPMENT
Reference(s)	FM 19-40	Enemy Prisoners of War, Civilian Internees and Detained Persons, 27 February 1976

BOS: Deploy/Conduct Maneuver

Collective Task:	06-2-A003	OCCUPY A TACTICAL ASSEMBLY AREA
Reference(s)	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
	FM 7-10 (HTF)	The Infantry Rifle Company (Infantry, Airborne, Air Assault, Ranger) (How to Fight). 8 January 1982.
Collective Task:	06-2-A066	CONDUCT BATTERY PRE/REDEPLOYMENT OPERATIONS
Reference(s)	AR 220-10	Preparations for Oversea Movement of Units (POM) 220-45 Duty Rosters
	FM 6-20-1	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battalion. 29 November 1990.

Collective Task: 06-4-Q002 MARCH-ORDER RADAR EQUIPMENT

Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
	TM 11-5840-354-10	Operator's Manual for Radar Set, AN/TPQ-36(V)1 . . . AN/TPQ-36(V)3 . . . and AN/TPQ-36(V)5 15 September 1991.
	TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
	TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5
	TM 11-5840-380-10	Operator's Manual for Radar Set AN/TPQ-36 (V)8
	TM 5-6115-545-12	Operator's and Organizational Maintenance Manual: Generator Set, Diesel Engine Driven, Tactical Skid Mtd., 60 KW, 3 Phase, 4 Wire, 120/208 and 240/416 V (DOD Models MEP-006A) Utility Class, 50/60 HZ, ... (Model MEP-105A) Precise Class, 50/6
	TM 5-6115-585-12	Operator and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mtd, 10 KW, 1 Phase, 2 Wire; 1 Phase, 3 Wire and 3 Phase, 4 Wire; 120, 120/240 and 120/208 V (DOD Model MEP-003A) Utility Class, 60 HZ ...

Collective Task: 06-4-Q003 EMPLACE AND PREPARE RADAR EQUIPMENT FOR OPERATIONS

Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
	TM 11-5840-354-10	Operator's Manual for Radar Set, AN/TPQ-36(V)1 . . . AN/TPQ-36(V)3 . . . and AN/TPQ-36(V)5 15 September 1991.
	TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
	TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5
	TM 11-5840-380-10	Operator's Manual for Radar Set AN/TPQ-36 (V)8
	TM 5-6115-545-12	Operator's and Organizational Maintenance Manual: Generator Set, Diesel Engine Driven, Tactical Skid Mtd., 60 KW, 3 Phase, 4 Wire, 120/208 and 240/416 V (DOD Models MEP-006A) Utility Class, 50/60 HZ, ... (Model MEP-105A) Precise Class, 50/6
	TM 5-6115-585-12	Operator and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mtd, 10 KW, 1 Phase, 2 Wire; 1 Phase, 3 Wire and 3 Phase, 4 Wire; 120, 120/240 and 120/208 V (DOD Model MEP-003A) Utility Class, 60 HZ ...

Collective Task: 06-4-Q009 OCCUPY A RADAR SITE

Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
Collective Task:	06-4-Q010	RECONNOITER A RADAR POSITION
Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.

BOS: Employ Firepower

Collective Task:	06-3-A002	PLAN AND COORDINATE SURVEY OPERATIONS
Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
Collective Task:	06-3-A003	PROCESS SURVEY INFORMATION
Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
Collective Task:	06-4-C017	ESTABLISH AZIMUTH BY SIMULTANEOUS OBSERVATION
Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
Collective Task:	06-4-C018	ASSUME DIRECTIONAL CONTROL
Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
Collective Task:	06-4-C019	ESTABLISH AZIMUTH BY ASTRONOMIC OBSERVATION
Reference(s)	FM 6-2	Field Artillery Survey. 23 September 1993.
Collective Task:	06-4-Q001	PERFORM HASTY SURVEY (RADAR)
Reference(s)	FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
	FM 6-2	Field Artillery Survey. 23 September 1993.
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	TC 6-50	The Field Artillery Cannon Battery
	TM 11-5840-354-10	Operator's Manual for Radar Set, AN/TPQ-36(V)1 . . . AN/TPQ-36(V)3 . . . and AN/TPQ-36(V)5 15 September 1991.
Collective Task:	06-4-Q035	OBSERVE FRIENDLY INDIRECT FIRES (RADAR)
Reference(s)	TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
	TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5

TM 11-5840-380-10 Operator's Manual for Radar Set AN/TPQ-36 (V)8

- Collective Task:** 06-4-V001 UPDATE PADS BY USING ASSUMED DATA
- Reference(s)** FM 6-2 Field Artillery Survey. 23 September 1993.
- Collective Task:** 06-4-V002 ESTABLISH SURVEY CONTROL BY THREE POINT RESECTION
- Reference(s)** FM 6-2 Field Artillery Survey. 23 September 1993.
- Collective Task:** 06-4-V003 USE PADS TO EXTEND SURVEY CONTROL
- Reference(s)** FM 6-2 Field Artillery Survey. 23 September 1993.
- Collective Task:** 06-4-V005 PLAN AND EXECUTE SURVEY OPERATIONS
- Reference(s)** FM 6-2 Field Artillery Survey. 23 September 1993.
- Collective Task:** 06-4-V006 ESTABLISH A DECLINATION STATION
- Reference(s)** FM 21-26 Map Reading And Land Navigation, 30 September 1987.
- FM 6-2 Field Artillery Survey. 23 September 1993.
- STP 21-1-SMCT Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
- STP 21-24-SMCT Soldier's Manual of Common Tasks Skill Levels 2/3/4
- STP 6-82C14-SM-TG Field Artillery Surveyor
- Collective Task:** 06-4-V007 EXTEND AZIMUTH BY DIRECTIONAL TRAVERSE
- Reference(s)** FM 6-2 Field Artillery Survey. 23 September 1993.

BOS: Protect the Force

- Collective Task:** 03-2-C310.06-0000 CONDUCT A CHEMICAL SURVEY
- Reference(s)** FM 3-3 NBC Contamination Avoidance, 30 September 1986.
- FM 3-4 NBC Protection, 21 October 1985.
- STP 21-1-SMCT Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
- STP 21-24-SMCT Soldier's Manual of Common Tasks Skill Levels 2/3/4
- STP 21-II-MQS OFFICER ADVANCED COMMON TASKS
- STP 21-I-MQS OFFICER BASIC COMMON TASKS

Collective Task:	03-2-C312.06-A001	CONDUCT THOROUGH DECONTAMINATION OPERATIONS
Reference(s)	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
Collective Task:	03-3-C201.06-A002	PREPARE FOR OPERATIONS UNDER NBC CONDITIONS
Reference(s)	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 6-13II-MQS	Military Qualifications Standards II, Field Artillery Branch (13), Company Grade Officer's Manual. 25 March 1991.
Collective Task:	03-3-C202.06-A003	PREPARE FOR A CHEMICAL ATTACK
Reference(s)	FM 3-100	NBC Operations, 17 September 1985
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C203.06-A004	RESPOND TO A CHEMICAL ATTACK
Reference(s)	FM 3-100	NBC Operations, 17 September 1985
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.

	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C205.06-A001	PREPARE FOR A FRIENDLY NUCLEAR STRIKE
Reference(s)	FM 2104/189	Friendly Nuclear Strike Warning to Armed Forces Operating on Land.
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 6-20-1	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battalion. 29 November 1990.
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	03-3-C206.06-A005	PREPARE FOR NUCLEAR ATTACK
Reference(s)	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C208.06-A006	CROSS A RADIOLOGICALLY CONTAMINATED AREA
Reference(s)	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS

	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C222.06-A007 ATTACK	RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR
Reference(s)	FM 3-100	NBC Operations, 17 September 1985
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
Collective Task:	03-3-C223.06-A008 ATTACK	RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR
Reference(s)	FM 3-100	NBC Operations, 17 September 1985
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C224.06-A009	CONDUCT OPERATIONAL DECONTAMINATION
Reference(s)	FM 3-5	NBC Decontamination, 24 June 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
Collective Task:	03-3-C225.06-A010	CONDUCT CHEMICAL RECONNAISSANCE
Reference(s)	FM 3-19	NBC Reconnaissance
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-6	Field Behavior of NBC Agents (Including Smoke & Incendiaries), 3 November 1986.
	FM 3-7	NBC Handbook
	FM 3-8	Chemical Reference Handbook
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994

	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	03-3-C226.06-A011	CROSS CHEMICALLY CONTAMINATED AREA
Reference(s)	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-4	NBC Protection, 21 October 1985.
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	06-2-A022	DEFEND AGAINST AMBUSH
Reference(s)	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	06-3-A000	PLAN AND CONDUCT DEFENSE AND SECURITY OF THE BATTERY/PLATOON AREA AND MATERIAL
Reference(s)	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	06-5-A002	PERFORM ANTIARMOR OPERATIONS
Reference(s)	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	06-5-A003	PERFORM DESTRUCTION OF MATERIAL AND RECORDS
Reference(s)	FM 5-250	Explosives and Demolitions. 15 June 1992.
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 9-13	Ammunition Handbook. 4 November 1986.
	TB 380-41 (O)	Procedures for Safeguarding, Accounting, and Supply Control of COMSEC Material (O), 10 October 1994

Collective Task:	08-2-0003.06-A001	TREAT CASUALTIES
Reference(s)	AR 600-8-1	Army Casualty Reporting And Memorial Affairs And Line Of Duty Investigations
	FM 21-11	First Aid For Soldiers 27 October 1988.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	FM 8-10-6	Tactics, Techniques, and Procedures for Medical Evacuation in a Theater of Operations
	FM 8-230	Medical Specialist
	FM 8-285	Treatment of Chemical Agent Casualties and Contaminated Military Chemical Injuries
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
	STP 8-91B15-SM-TG	Soldiers Manual and Trainer's Guide for MOS 91B, Skill Levels 1-5
Collective Task:	08-2-C316.06-A006	TRANSPORT CASUALTIES
Reference(s)	AR 600-8-1	Army Casualty Reporting And Memorial Affairs And Line Of Duty Investigations
	FM 100-5	Operations
	FM 12-6	Personnel Doctrine
	FM 21-11	First Aid For Soldiers 27 October 1988.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	FM 57-38	Pathfinder Operations
	FM 8-10-6	Tactics, Techniques, and Procedures for Medical Evacuation in a Theater of Operations
	FM 8-285	Treatment of Chemical Agent Casualties and Contaminated Military Chemical Injuries
	FM 8-55	Planning for Health Service Support
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4

	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
	STP 21-I-MQS	OFFICER BASIC COMMON TASKS
Collective Task:	08-2-R315.06-A007	PERFORM FIELD SANITATION FUNCTIONS
Reference(s)	AR 385-10	Army Safety Program, 23 May 1988.
	AR 40-5	Preventive Medicine, 1 June 1985
	FM 10-52	Water Supply in Theater of Operations
	FM 21-10	Field Hygiene And Sanitation
	FM 21-10-1	Unit Field Sanitation Team, 11 October 1989.
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	FM 8-10	Health Service Support in a Theater of Operations. 1 March 1991.
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
Collective Task:	12-1-C401.06-A000	REDUCE BATTLEFIELD STRESS
Reference(s)	FM 22-9	Soldier Performance in Continuous Operations, 8 December 1983
	FM 26-2	Management of Stress in Army Operations, 29 August 1986
Collective Task:	19-2-C702.06-A000	HANDLE ENEMY PRISONERS OF WAR
Reference(s)	FM 19-40	Enemy Prisoners of War, Civilian Internees and Detained Persons, 27 February 1976
Collective Task:	44-1-C220.06-A000	USE PASSIVE AIR DEFENSE MEASURES
Reference(s)	FM 44-8	Small Unit Self-Defense Against Air Attack, 30 December 1981.
Collective Task:	44-1-C221.06-A001	TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS
Reference(s)	FM 44-8	Small Unit Self-Defense Against Air Attack, 30 December 1981.
	FM 44-80	Visual Aircraft Recognition
	STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4

STP 21-I-MQS OFFICER BASIC COMMON TASKS

Collective Task: 71-3-R231.06-0001 PERFORM RISK MANAGEMENT PROCEDURES

Reference(s) 6-FSCATT Fire Support Combined Arms Tactical Trainer

AR 385-10 Army Safety Program. 23 May 1988.

DA PAM 385-1 Unit Safety Management

FM 8-10 Health Service Support in a Theater of Operations. 1 March 1991.

BOS: Perform CSS and Sustainment

Collective Task: 06-2-A005 PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT

Reference(s) FM 29-2 Organizational Maintenance Operations

Collective Task: 06-2-A007 COORDINATE COMBAT SERVICE SUPPORT FOR A FIELD ARTILLERY BATTERY

Reference(s) FM 10-1 Quartermaster Principles

FM 6-20 Fire Support in the AirLand Battle. 17 May 1988.

FM 6-50 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery

FM 6-60 Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations

Collective Task: 06-2-A078 PERFORM OPERATORS MAINTAINENCE ON COMMUNICATIONS EQUIPMENT

Reference(s) DA PAM 738-750 The Army Maintenance Management System (TAMMS)

Collective Task: 06-4-A001 MANAGE MAINTENANCE RECORDS AND SUBMIT REPORTS

Reference(s) DA PAM 710-2-1 Using Unit Supply System: Manual Procedures

DA PAM 738-750 The Army Maintenance Management System (TAMMS)

Collective Task: 06-4-A002 ESTABLISH AN ORGANIZATIONAL MAINTENANCE FACILITY

Reference(s) DA PAM 738-750 The Army Maintenance Management System (TAMMS)

FM 6-20-1 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battalion. 29 November 1990.

FM 6-50 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery

	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	06-4-A003	MAINTAIN PETROLEUM, OILS, AND LUBRICANTS
Reference(s)	AR 703-1	Coal and Petroleum Products Supply and Management Activities
Collective Task:	06-4-Q011	PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT
Reference(s)	DA PAM 738-750	The Army Maintenance Management System (TAMMS)
	TM 11-5840-354-10	Operator's Manual for Radar Set, AN/TPQ-36(V)1 . . . AN/TPQ-36(V)3 . . . and AN/TPQ-36(V)5 15 September 1991.
	TM 11-5840-354-20-1	Organizational Maintenance Manual (Functional Description and Maintenance) for Radar Sets, AN/TPQ-36(V)1, AN/TPQ-36(V)3 and AN/TPQ- 36(V)5. 30 June 983.
	TM 11-5840-354-20-2	Organizational Maintenance Manual (Antenna/Transceiver Removal and Installation Procedures) for Radar Sets, AN/TPQ-36(V)1, AN/TPQ- 36(V)3 and AN/TPQ-36(V)5. 30 June 1983.
	TM 11-5840-354-20P	Organizational Maintenance Repair Parts and Special Tools Lists for AN/TPQ-36(V)1 Radar Set (US Version, 64 K Memory) and AN/TPQ- 36(V)3 Radar Set (FMS Version, 64 K Memory) and AN/TPQ-36(V)5 Radar Set (US Version, 128K Memory). 1 March 198
	TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
	TM 11-5840-355-10-2 (C)	Radar Set, AN/TPQ-37(V) (U). 29 May 1981.
	TM 11-5840-355-20-1	Organizational Maintenance Manual (Functional Description and Maintenance) for Radar Sets, AN/TPQ-37(V)1, AN/TPQ-37(V)2, AN/TPQ-37(V)5 and AN/TPQ-37(V)6. 1 October 1981.
	TM 11-5840-355-20-2	Organizational Maintenance Manual (Antenna Removal and Installation Procedures) for Radar Set, AN/TPQ-37(V)1, AN/TPQ-37(V)2 and AN/TPQ-37(V)8. 1 October 1981. 11-5840-355-20P Organizational Maintenance Repair Parts and Special Tools List fo
	TM 11-5840-355-20-3	Organizational Maintenance Manual (Transceiver Removal and Installation Procedures) Radar Sets, AN/TPQ-37(V)1 (NSN 5840-01-043-4258), AN/TPQ-37(V)2 . . . AN/TPQ-37(V)5 . . . and AN/TPQ-37(V)6 1 October 1981.
	TM 11-5840-355-20P	Organizational Maintenance Repair Parts and Special Tools List for Radar Set AN/TPQ-37(V)5 . . . Radar Set AN/TPQ-37(V)6 . . . and Generator-Power Distribution Group OA-9018/TPQ-37(V) 1 November 1988.
	TM 11-5840-364-20P	Organizational Maintenance Repair Parts and Special Tools List for OK-398(V)1/TPQ(V) Operators Control Group . . . and OK-398(V)2/TPQ Operators Control Group . . . Common Name "Shelter" Parts of AN/TPQ-36 and AN/TPQ-37(V) Radar Sets. 1 Marc

	TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5
	TM 11-5840-378-20&P	Unit Maintenance for Radar Sets AN?TPQ(V)3 and AN/TPQ(V)5
	TM 11-5840-380-10	Operator's Manual for Radar Set AN/TPQ-36 (V)8
	TM 5-6115-545-12	Operator's and Organizational Maintenance Manual: Generator Set, Diesel Engine Driven, Tactical Skid Mtd., 60 KW, 3 Phase, 4 Wire, 120/208 and 240/416 V (DOD Models MEP-006A) Utility Class, 50/60 HZ, ... (Model MEP-105A) Precise Class, 50/6
	TM 5-6115-585-12	Operator and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mtd, 10 KW, 1 Phase, 2 Wire; 1 Phase, 3 Wire and 3 Phase, 4 Wire; 120, 120/240 and 120/208 V (DOD Model MEP-003A) Utility Class, 60 HZ ...
Collective Task:	10-2-C002.06-A000	PERFORM UNIT GRAVES REGISTRATION FUNCTIONS
Reference(s)	FM 10-63	Handling Of Deceased Personnel In Theaters Of Operations, 28 February 1988.
	FM 10-63-1	Graves Registration Handbook
Collective Task:	10-2-C230.06-A001	PROVIDE UNIT SUPPLY SUPPORT
Reference(s)	AR 710-2	Supply Policy Below the Wholesale Level
	DA PAM 710-2-1	Using Unit Supply System: Manual Procedures
	FM 3-4	NBC Protection, 21 October 1985.
	FM 3-5	NBC Decontamination, 24 June 1985.
	FM 63-2	Combat Service Support Operations--Division (How to Support). 21 November 1983.
Collective Task:	12-2-C321.06-A007	MAINTAIN COMPANY/BATTERY STRENGTH
Reference(s)	FM 101-5	Staff Organization and Operations
	FM 12-6	Personnel Doctrine
	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	TC 12-6	Wartime Strength Accounting
Collective Task:	12-3-C216.06-A008	MAINTAIN PLATOON STRENGTH
Reference(s)	FM 12-6	Personnel Doctrine
	FM 3-3	NBC Contamination Avoidance, 30 September 1986.
	FM 3-5	NBC Decontamination, 24 June 1985.

	STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
	TC 12-16	Personnel and Administration Center (PAC) Drill Book. 28 August 1985.
	TC 12-6	Wartime Strength Accounting
Collective Task:	43-2-C322.06-A000	PERFORM UNIT LEVEL MAINTENANCE
Reference(s)	AR 220-1	Unit Status Reporting. 16 September 1986.
	AR 385-10	Army Safety Program. 23 May 1988.
	AR 385-30	Safety Color Code Markings and Signs 15 September 1983.
	AR 385-40	Accident Reporting And Records, 1 April 1987
	AR 700-138	Army Logistics Readiness and Sustainability. 27 December 1985.
	AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations 30 October 1989.
	DA PAM 738-750	The Army Maintenance Management System (TAMMS)
	FM 10-69	Petroleum Supply Point Equipment and Operations
	FM 20-22	Vehicle Recovery Operations
	FM 43-5	Unit Maintenance Operations. 28 September 1988.
Collective Task:	43-2-C323.06-A001	MANAGE UNIT MAINTENANCE OPERATIONS
Reference(s)	FM 43-5	Unit Maintenance Operations. 28 September 1988.
BOS: Exercise Command and Control		
Collective Task:	06-2-A000.06-Q000	ESTABLISH AND MAINTAIN COMMUNICATIONS
Reference(s)	ACP 125	Communication Instruction Radio-Telephone Procedures. 1 July 1970.
	ACP 125 US SUPPL 1	Communications Instructions Radiotelephone Procedures For Use by United States Ground Forces.
	ACP 125(E)	Communication Instructions--Radiotelephone Procedures.
	FM 24-18	Tactical Single-Channel Radio Communications Techniques
	FM 24-19	Radio Operator's Handbook.
	FM 24-35 (O)	Communication-Electronics Operations Instructions (CEOI) (O)
	FM 24-35-1	Signal Supplemental Instructions

	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	06-2-A098	PREPARE FOR COMBAT
Reference(s)	FM 100-5	Operations
	FM 7-10 (HTF)	The Infantry Rifle Company (Infantry, Airborne, Air Assault, Ranger) (How to Fight). 8 January 1982.
	FM 7-7J	The Mechanized Infantry Platoon And Squad (BRADLEY)
	FM 7-8 (HTF)	The Infantry Platoon And Squad (Infantry, Airborne, Air Assault, Ranger)(How To Fight), 31 December 1980
Collective Task:	06-2-A099	DEVELOP AND COMMUNICATE A PLAN
Reference(s)	FM 100-5	Operations
	FM 7-10 (HTF)	The Infantry Rifle Company (Infantry, Airborne, Air Assault, Ranger) (How to Fight). 8 January 1982.
	FM 7-8 (HTF)	The Infantry Platoon And Squad (Infantry, Airborne, Air Assault, Ranger)(How To Fight), 31 December 1980
Collective Task:	06-3-A004	COMMAND AND CONTROL BATTERY/PLATOON/SECTION MOVEMENT OPERATIONS
Reference(s)	FM 6-20	Fire Support in the AirLand Battle. 17 May 1988.
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
	FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
Collective Task:	11-5-0102.06-A000	INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION
Reference(s)	FM 19-30	Physical Security, 1 March 1979.
	FM 20-3	Camouflage
	FM 24-18	Tactical Single-Channel Radio Communications Techniques
	FM 24-19	Radio Operator's Handbook.
	FM 24-33	Communications Techniques Electronic Counter-Countermeasures, 22 March 1985.
	FM 24-35 (O)	Communication-Electronics Operations Instructions (CEOI) (O)
	FM 24-35-1	Signal Supplemental Instructions
	FM 3-4	NBC Protection, 21 October 1985.

	FM 3-5	NBC Decontamination, 24 June 1985.
	FM 5-36	Route Reconnaissance and Classification
Collective Task:	11-5-1102.06-A001	INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINGGARS) FREQUENCY HOPPING (FH) NET
Reference(s)	FM 11-32	Combat Net Radio Operations
	FM 20-3	Camouflage
	FM 24-18	Tactical Single-Channel Radio Communications Techniques
	FM 24-19	Radio Operator's Handbook.
	FM 24-33	Communications Techniques Electronic Counter-Countermeasures, 22 March 1985.
	FM 24-35 (O)	Communication-Electronics Operations Instructions (CEOI) (O)
	FM 24-35-1	Signal Supplemental Instructions

Figure 2-3. Collective Task to Supporting References.

2-4. Individual Task to Collective Task Listing. This listing (Figure 2-4), identifies the relationship that exists between the Collective Tasks in this publication and the Individual Tasks that support it.

03-2-C310.06-0000 CONDUCT A CHEMICAL SURVEY

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

- 031-503-1014 IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
- 031-503-1015 PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
- 031-503-1020 DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
- 071-329-1005 DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

- 031-503-2001 USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

- 031-503-3004 SUPERVISE THE CROSSING OF A CONTAMINATED AREA
- 031-503-3008 IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
- 031-503-3010 SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS

071-326-5626 PREPARE AN ORAL OPERATION ORDER

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
04-3303.01-0020 Prepare Squad/Platoon Combat Orders

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)
O4-3303.02-0014 Prepare Platoon or Company Combat Orders
O4-5030.00-2013 Implement Mission-Oriented Protective Posture Based on Threat or Direction
O4-5030.00-2022 Supervise Employment of Nuclear, Biological, or Chemical Markers

03-2-C312.06-A001 CONDUCT THOROUGH DECONTAMINATION OPERATIONS

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
031-503-1004 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH
HOOD
031-503-1006 PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN
DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE
MASK
031-503-1007 DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN
M258A1 DECONTAMINATION KIT
031-503-1008 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION WHILE ELIMINATING BODYWASTE WHEN WEARING
MOPP4
031-503-1011 MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1012 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL
INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE
MASK WITH HOOD
031-503-1014 IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
031-503-1020 DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
031-503-1033 DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING
KIT (SDK)
031-503-1034 DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295
INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
031-503-3009 LEAD MOPP GEAR EXCHANGE
031-507-3003 SUPERVISE HASTY DECONTAMINATION
071-326-3013 CONDUCT A TACTICAL ROAD MARCH

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)
O4-5030.00-2020 Supervise Nuclear, Biological, or Chemical Decontamination

03-3-C201.06-A002 PREPARE FOR OPERATIONS UNDER NBC CONDITIONS**Enlisted MOS: COM Skill Level: 1**

Individual Task(s)	
031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1006	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE MASK
031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1024	REPLACE CANISTER ON YOUR M40-SERIES PROTECTIVE MASK
031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD

Enlisted MOS: COM Skill Level: 2

Individual Task(s)	
031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
031-503-3006	SUPERVISE RADIATION MONITORING
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
031-503-3009	LEAD MOPP GEAR EXCHANGE
031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM

Enlisted MOS: COM Skill Level: 4

Individual Task(s)	
031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
031-503-4003	CONTROL UNIT RADIATION EXPOSURE

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)	
O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
O4-5030.00-2015	Supervise Radiation Monitoring
O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack

03-3-C202.06-A003 PREPARE FOR A CHEMICAL ATTACK

Enlisted MOS: COM Skill Level: 1

Individual Task(s)	
031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM

Enlisted MOS: COM Skill Level: 4

Individual Task(s)	
031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
04-3303.01-0020	Prepare Squad/Platoon Combat Orders

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)	
O4-3303.02-0014	Prepare Platoon or Company Combat Orders
O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack

03-3-C203.06-A004 RESPOND TO A CHEMICAL ATTACK

Enlisted MOS: COM Skill Level: 1

Individual Task(s)	
031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1019	REACT TO CHEMICAL OR BIOLOGICAL HAZARD/ATTACK

031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
081-831-1000	EVALUATE A CASUALTY
081-831-1030	ADMINISTER NERVE AGENT ANTIDOTE TO SELF (SELF-AID)
081-831-1031	ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

01-5030.00-1007	Decontaminate Your Skin and Personal Equipment
01-5700.01-0001	Communicate on a Tactical Radio
04-8310.00-3016	Adminster First Aid to a Nerve Agent Casualty (Buddy-Aid)

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)

O4-5030.00-2008	Prepare and Submit Nuclear, Biological, or Chemical 1 Report
O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
O4-5030.00-2020	Supervise Nuclear, Biological, or Chemical Decontamination

03-3-C205.06-A001 PREPARE FOR A FRIENDLY NUCLEAR STRIKE**Enlisted MOS: COM Skill Level: 1**

Individual Task(s)

031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1018	REACT TO A NUCLEAR HAZARD
031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD

031-503-1028 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
031-503-2022 USE AND MAINTAIN THE AN/VDR-2 RADIAC SET

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
031-503-3005 PREPARE AND SUBMIT NBC 1 REPORTS
031-503-3006 SUPERVISE RADIATION MONITORING
031-503-3008 IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
031-503-4002 SUPERVISE UNIT PREPARATION FOR NBC ATTACK
031-503-4003 CONTROL UNIT RADIATION EXPOSURE

03-3-C206.06-A005 PREPARE FOR NUCLEAR ATTACK

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
031-503-2004 PREPARE AND SUBMIT NBC 4 REPORTS
031-503-2013 USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES
RADIACMETER
031-503-2020 USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147
DOSIMETER AND PP1578-SERIES CHARGER
031-503-2022 USE AND MAINTAIN THE AN/VDR-2 RADIAC SET

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
031-503-3006 SUPERVISE RADIATION MONITORING

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
031-503-4002 SUPERVISE UNIT PREPARATION FOR NBC ATTACK

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
01-5700.01-0001 Communicate on a Tactical Radio
04-3303.01-0020 Prepare Squad/Platoon Combat Orders

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)
 O4-3303.02-0014 Prepare Platoon or Company Combat Orders
 O4-5030.00-2015 Supervise Radiation Monitoring
 O4-5030.00-2017 Prepare for Nuclear, Biological, or Chemical Attack

03-3-C208.06-A006 CROSS A RADIOLOGICALLY CONTAMINATED AREA

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
 031-503-1014 IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
 071-329-1005 DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
 031-503-2013 USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
 031-503-2020 USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
 031-503-2022 USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
 121-030-3534 REPORT CASUALTIES

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
 031-503-3004 SUPERVISE THE CROSSING OF A CONTAMINATED AREA
 031-503-3006 SUPERVISE RADIATION MONITORING

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
 031-503-4003 CONTROL UNIT RADIATION EXPOSURE

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
 01-5700.01-0001 Communicate on a Tactical Radio

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)
 O4-5030.00-2015 Supervise Radiation Monitoring
 O4-5030.00-2019 Control Unit Radiation Exposure

03-3-C222.06-A007 RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR ATTACK

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
031-503-3006	SUPERVISE RADIATION MONITORING

Enlisted MOS: COM Skill Level: 4

Individual Task(s)	
031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
031-503-4003	CONTROL UNIT RADIATION EXPOSURE

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)	
O4-5030.00-2015	Supervise Radiation Monitoring
O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack
O4-5030.00-2019	Control Unit Radiation Exposure

03-3-C223.06-A008 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

Enlisted MOS: COM Skill Level: 1

Individual Task(s)	
031-503-1018	REACT TO A NUCLEAR HAZARD
081-831-1005	PREVENT SHOCK
081-831-1007	GIVE FIRST AID FOR BURNS
081-831-1016	PUT ON A FIELD OR PRESSURE DRESSING
081-831-1017	PUT ON A TOURNIQUET
081-831-1025	APPLY A DRESSING TO AN OPEN ABDOMINAL WOUND
081-831-1033	APPLY A DRESSING TO AN OPEN HEAD WOUND
081-831-1034	SPLINT A SUSPECTED FRACTURE

Enlisted MOS: COM Skill Level: 2

Individual Task(s)	
031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
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031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
031-503-3006	SUPERVISE RADIATION MONITORING
081-831-0101	REQUEST MEDICAL EVACUATION

Enlisted MOS: COM Skill Level: 4

Individual Task(s)	
031-503-4003	CONTROL UNIT RADIATION EXPOSURE

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
01-5700.01-0001	Communicate on a Tactical Radio
01-5700.01-0002	Determine Call Signs, Frequencies, and Item Numbers
04-8310.00-3014	Give First Aid for Burns

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)	
04-5030.00-2007	Supervise Unit Response to Nuclear Attack or Radiological Hazard
04-5030.00-2008	Prepare and Submit Nuclear, Biological, or Chemical 1 Report
04-5030.00-2015	Supervise Radiation Monitoring

03-3-C224.06-A009 CONDUCT OPERATIONAL DECONTAMINATION**Enlisted MOS: COM Skill Level: 1**

Individual Task(s)	
031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1006	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE MASK
031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1024	REPLACE CANISTER ON YOUR M40-SERIES PROTECTIVE MASK
031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
071-329-1000	Identify Topographic Symbols on a Military Map
071-329-1001	Identify Terrain Features on a Map
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
071-329-1008	Measure Distance on a Map

081-831-1031 ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)
551-721-1352 Perform Vehicle Preventive Maintenance Checks and Services (PMCS)

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
113-573-8006 USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
031-503-3006 SUPERVISE RADIATION MONITORING
031-503-3009 LEAD MOPP GEAR EXCHANGE
031-503-3010 SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
031-507-3003 SUPERVISE HASTY DECONTAMINATION

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
850-001-4001 INTEGRATE RISK MANAGEMENT IN PLATOON MISSION

03-3-C225.06-A010 CONDUCT CHEMICAL RECONNAISSANCE

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
031-503-1004 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH
HOOD
031-503-1005 MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1008 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION WHILE ELIMINATING BODYWASTE WHEN WEARING
MOPP4
031-503-1011 MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1014 IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
031-503-1015 PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH
MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1020 DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
031-503-1023 PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN
CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1025 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH
HOOD
031-503-1028 PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/
CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
031-503-1033 DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING
KIT (SDK)
031-503-1034 DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295
INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
551-721-1352 Perform Vehicle Preventive Maintenance Checks and Services (PMCS)

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS
031-503-3009	LEAD MOPP GEAR EXCHANGE
091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
031-507-3003	SUPERVISE HASTY DECONTAMINATION
071-326-5626	PREPARE AN ORAL OPERATION ORDER
091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

01-5030.00-1007	Decontaminate Your Skin and Personal Equipment
01-5700.01-0001	Communicate on a Tactical Radio
04-3303.01-0019	Use a Map Overlay
04-3303.01-0020	Prepare Squad/Platoon Combat Orders
04-3303.01-0034	Navigate Using a Map and Compass

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)

04-3303.02-0014	Prepare Platoon or Company Combat Orders
04-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
04-5030.00-2020	Supervise Nuclear, Biological, or Chemical Decontamination
04-5030.00-2022	Supervise Employment of Nuclear, Biological, or Chemical Markers

03-3-C226.06-A011 CROSS CHEMICALLY CONTAMINATED AREA**Enlisted MOS: COM Skill Level: 1**

Individual Task(s)

031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR

ARTEP 6-303-30-MTP

031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
071-326-0503	MOVE OVER, THROUGH, OR AROUND OBSTACLES (EXCEPT MINEFIELDS)
071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS
031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
121-030-3534	REPORT CASUALTIES

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
031-503-3006	SUPERVISE RADIATION MONITORING
031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

01-5030.00-1007	Decontaminate Your Skin and Personal Equipment
04-3306.01-0003	Move Over, Through, or Around Obstacles (Except Minefields)

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)

04-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
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06-2-A000.06-Q000 ESTABLISH AND MAINTAIN COMMUNICATIONS

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-275-8013	Construct Field Expedient Antennas
061-276-1012	Install Antenna Group OE-254/GRC
061-288-5103	Install Antenna Group OE-254/GRC(Version 11)
113-587-2061	Operate Radio Set AN/VRC-64 or AN/GRC-160 with TSEC/KY-57
113-587-2063	Operate Radio Set AN/VRC-43 or AN/VRC-46 with TSEC/KY-57

Enlisted MOS: 13R Skill Level: 4

Individual Task(s)
 061-275-8015 Supervise SINCGARS Net Control Station (NCS) Procedures

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-275-8003 Operate SINCGARS ICOM
 061-276-1011 Use SOI Extract

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
 113-573-8006 USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
 113-572-4008 TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
 113-572-5005 RECEIVE A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
 113-572-6005 WRITE A UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
 113-572-6006 READ A UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
 113-573-0002 CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES

06-2-A003 OCCUPY A TACTICAL ASSEMBLY AREA

Enlisted MOS: 13B Skill Level: 1

Individual Task(s)
 061-275-8010 Use Field Wire Laying Techniques
 071-022-0001 Perform Operator Maintenance on a Caliber .50 M2 Machine Gun
 071-022-0003 Operate a Caliber .50 M2 Machine Gun
 071-022-0010 Mount a Caliber .50 M2 Machine Gun on an M3 Tripod

Enlisted MOS: 13B Skill Level: 3

Individual Task(s)
 061-266-3313 Prepare Range Card(s) for a Howitzer

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)
 061-266-4014 Prepare and Defend a Unit Against an Attack
 061-266-4015 Conduct the Battery or Platoon Reconnaissance, Selection, and Occupation of a Position

Enlisted MOS: 13C Skill Level: 1

Individual Task(s)

061-275-8006	Operate as a Net Control Station (NCS)
061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals

Enlisted MOS: 13D Skill Level: 1

Individual Task(s)

061-275-8006	Operate as a Net Control Station (NCS)
061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals

Enlisted MOS: 13M Skill Level: 1

Individual Task(s)

061-310-8022	Operate the M985 and M989A1
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Enlisted MOS: 13M Skill Level: 2

Individual Task(s)

061-310-8011	Perform Ground Reconnaissance of a Firing Platoon Area
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Enlisted MOS: 13M Skill Level: 1

Individual Task(s)

061-310-8004	Operate the M993
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Enlisted MOS: 13M Skill Level: 2

Individual Task(s)

061-310-8008	Enter Operational Area Data into the FCS
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Enlisted MOS: 13P Skill Level: 1

Individual Task(s)

061-275-8004	Operate SINCGARS ICOM w/VIC-1
061-275-8006	Operate as a Net Control Station (NCS)
061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
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Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-312-3007	PREPARE A RANGE CARD FOR AN M60 MACHINE GUN
071-312-3027	LOAD AN M60 MACHINE GUN
071-312-3028	UNLOAD AN M60 MACHINE GUN
071-325-4425	EMPLOY AN M18A1 CLAYMORE MINE

071-325-4426	RECOVER AN M18A1 CLAYMORE MINE
071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
071-331-0852	CLEAR A FIELD OF FIRE

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
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Enlisted MOS: COM Skill Level: 3

Individual Task(s)

031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM
071-326-5705	ESTABLISH AN OBSERVATION POST

Enlisted MOS: COM Skill Level: 4

Individual Task(s)

071-326-5770	PREPARE A PLATOON SECTOR SKETCH
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06-2-A005 PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT**Enlisted MOS: COM Skill Level: 2**

Individual Task(s)

113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
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Enlisted MOS: COM Skill Level: 4

Individual Task(s)

113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES
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06-2-A007 COORDINATE COMBAT SERVICE SUPPORT FOR A FIELD ARTILLERY BATTERY**Enlisted MOS: 77F Skill Level: 1**

Individual Task(s)

101-519-1167	Prepare DA form 3643 (Daily issue of petroleum products)
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Enlisted MOS: 92Y Skill Level: 1

Individual Task(s)

101-521-1154	RECEIVE SUPPLIES AND EQUIPMENT
101-521-1155	SUPPLIES AND EQUIPMENT TO HAND-RECEIPT HOLDERS

Enlisted MOS: 92Y Skill Level: 3

Individual Task(s)

- 101-521-3102 DISPOSE OF ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
- 101-521-3105 DIRECT THE CONTROL AND SECURITY OF WEAPONS AND AMMUNITION IN UNIT STORAGE AREA
- 101-521-3252 CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS

Enlisted MOS: 92Y Skill Level: 4

Individual Task(s)

- 101-521-3101 ACCOUNT FOR ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
- 101-521-3251 MAINTAIN MANUAL/AUTOMATED HAND RECEIPT

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

- 071-326-0515 SELECT A MOVEMENT ROUTE USING A MAP
- 071-329-1019 USE A MAP OVERLAY
- 081-831-0101 REQUEST MEDICAL EVACUATION
- 121-030-3534 REPORT CASUALTIES

Enlisted MOS: COM Skill Level: 4

Individual Task(s)

- 071-332-5000 Prepare an Operation Overlay
- 081-831-0102 SUPERVISE UNIT PREVENTIVE MEDICINE AND FIELD SANITATION PROCEDURES

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

- O3-5101.00-0281 Direct the Preparation and Maintenance of Unit Supply Records
- O3-5101.00-0282 Direct the Storage of Unit Supplies, Weapons, Equipment, and Ammunition
- O3-5101.00-0283 Supervise the Maintenance of Unit Prescribed Load List

06-2-A022 DEFEND AGAINST AMBUSH

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

- 071-311-2007 ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
- 071-312-3031 ENGAGE TARGETS WITH AN M60 MACHINE GUN
- 071-325-4407 EMPLOY HAND GRENADES
- 071-326-0502 MOVE UNDER DIRECT FIRE
- 071-326-0503 MOVE OVER, THROUGH, OR AROUND OBSTACLES (EXCEPT MINEFIELDS)
- 071-326-0513 SELECT TEMPORARY FIGHTING POSITIONS
- 551-721-1359 DRIVE VEHICLE IN A CONVOY
- 551-721-1408 IMPLEMENT DEFENSIVE PROCEDURES WHEN UNDER ENEMY ATTACK OR AMBUSH IN A TRUCK CONVOY

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

551-721-3348	PERFORM DUTIES AS SERIAL/MARCH UNIT COMMANDER
551-721-3352	DIRECT CONVOY DEFENSE OPERATIONS

Enlisted MOS: COM Skill Level: 4

Individual Task(s)

071-326-3013	CONDUCT A TACTICAL ROAD MARCH
551-721-4326	PERFORM DUTIES AS CONVOY COMMANDER

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

04-3305.01-0005	Engage targets with an M16A1 or M16A2 Rifle
04-3305.01-0007	Employ Hand Grenades
04-3305.01-0008	Engage Targets with M72A2
04-3305.01-0009	Operate M60 Machine Gun
04-3305.01-0010	Engage Targets with an M60 Machine Gun
04-3305.01-0012	Operate an M249 Machine Gun
04-3305.01-0013	Engage Targets with an M249 Machine Gun
04-3306.01-0002	Move Under Direct Fire
04-3306.01-0003	Move Over, Through, or Around Obstacles (Except Minefields)

06-2-A066 CONDUCT BATTERY PRE/REDEPLOYMENT OPERATIONS**Enlisted MOS: COM Skill Level: 2**

Individual Task(s)

850-001-2001	ASSESS POTENTIAL FOR ACCIDENTS
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Enlisted MOS: COM Skill Level: 3

Individual Task(s)

071-328-5301	INSPECT PERSONNEL/EQUIPMENT
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Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)

01-2999.99-0600	Command a Battery
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Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

03-9007.01-0020	Give Briefings
04-3304.01-0002	Conduct Inspection
04-8951.00-0832	Conduct Training
03-3711.12-0001	Implement Operations Security

03-4651.90-0001	Supervise Training and Licensing of Unit Equipment Operators
03-4976.90-0501	Prepare a Materiel Condition Status Report
03-9001.10-0004	Apply the Ethical Decision-Making Process as a Commander or Staff Officer
03-9001.13-0001	Solve Problems Using the Military Problem Solving Process

06-2-A078 PERFORM OPERATORS MAINTAINENCE ON COMMUNICATIONS EQUIPMENT

Enlisted MOS: 13B Skill Level: 1

Individual Task(s)	
061-275-8004	Operate SINCGARS ICOM w/VIC-1

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)	
113-587-2063	Operate Radio Set AN/VRC-43 or AN/VRC-46 with TSEC/KY-57

Enlisted MOS: 13C Skill Level: 3

Individual Task(s)	
061-300-5019	Supervise Operation of TAFCS (AFATDS Units)

Enlisted MOS: 13E Skill Level: 1

Individual Task(s)	
061-279-5003	Maintain Communication Using the AFC/DS

Enlisted MOS: 13P Skill Level: 1

Individual Task(s)	
061-275-8016	Supervise the Operation of Improved High Frequency Radio (IHFR) Sets
061-275-8020	Supervise Field Artillery (FA) Automation/Communications System Operation
061-276-1010	Install Antenna Group OE-303
061-287-5010	Process Multiple Launch Rocket System (MLRS) Fire Plan(s)

Enlisted MOS: 13P Skill Level: 3

Individual Task(s)	
061-287-5023	Advice Supported Unit of MLRS Capabilities and Limitations.
061-287-5024	Disseminate Fire Support Information to Lower, and Higher Field Artillery Elements.

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES

Officer MOS: 13A Skill Level: 2nd Lieutenant

Individual Task(s)	
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091-900-0006 DIRECT UNIT MAINTENANCE OPERATIONS DURING UNIT OPERATIONS

06-2-A098 PREPARE FOR COMBAT

Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)
01-2999.99-0600 Command a Battery

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
O1-9007.01-0250 Brief to Inform, Persuade, or Direct
O3-9001.10-0003 Apply the Ethical Decision-Making Process
O3-9001.10-0004 Apply the Ethical Decision-Making Process as a Commander or Staff Officer
O3-9001.12-0002 Communicate Effectively
O3-9001.12-0003 Communicate Effectively as a Commander or Staff Officer
S1-9011.04-0001 Command and Staff Functions

06-2-A099 DEVELOP AND COMMUNICATE A PLAN

Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)
01-2999.99-0600 Command a Battery

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
O1-9007.01-0250 Brief to Inform, Persuade, or Direct
O3-9001.10-0003 Apply the Ethical Decision-Making Process
O3-9001.10-0004 Apply the Ethical Decision-Making Process as a Commander or Staff Officer
O3-9001.12-0002 Communicate Effectively
O3-9001.12-0003 Communicate Effectively as a Commander or Staff Officer

06-3-A000 PLAN AND CONDUCT DEFENSE AND SECURITY OF THE BATTERY/PLATOON AREA AND MATERIAL

Enlisted MOS: 13B Skill Level: 1

Individual Task(s)
071-022-0003 Operate a Caliber .50 M2 Machine Gun
071-312-3004 Construct a Fighting Position for an M60 Machine Gun
071-313-3455 Set Headspace and Timing on a Caliber .50 Machine Gun

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)

061-306-6004	Perform Crater and Shell Fragment Analysis
061-306-6005	Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report

Enlisted MOS: 92Y Skill Level: 1

Individual Task(s)	
101-521-1163	Prepare and Maintain a Document Register

Enlisted MOS: COM Skill Level: 1

Individual Task(s)	
071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
071-312-3003	LAY AN M60 MACHINE GUN USING FIELD EXPEDIENTS
071-312-3007	PREPARE A RANGE CARD FOR AN M60 MACHINE GUN
071-312-3027	LOAD AN M60 MACHINE GUN
071-312-3031	ENGAGE TARGETS WITH AN M60 MACHINE GUN
071-325-4425	EMPLOY AN M18A1 CLAYMORE MINE
071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
071-331-0801	CHALLENGE PERSONS ENTERING YOUR AREA
071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
071-331-0852	CLEAR A FIELD OF FIRE
181-906-1505	CONDUCT COMBAT OPERATIONS ACCORDING TO THE LAW OF WAR
551-721-1408	IMPLEMENT DEFENSIVE PROCEDURES WHEN UNDER ENEMY ATTACK OR AMBUSH IN A TRUCK CONVOY

Enlisted MOS: COM Skill Level: 2

Individual Task(s)	
071-329-1019	USE A MAP OVERLAY
081-831-0101	REQUEST MEDICAL EVACUATION
441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT

Enlisted MOS: COM Skill Level: 3

Individual Task(s)	
071-326-5705	ESTABLISH AN OBSERVATION POST
441-091-3001	DIRECT UNIT AIR DEFENSE

Enlisted MOS: COM Skill Level: 4

Individual Task(s)	
071-326-5770	PREPARE A PLATOON SECTOR SKETCH
071-326-5775	COORDINATE WITH AN ADJACENT PLATOON

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
01-5700.01-0001	Communicate on a Tactical Radio
04-3301.01-0013	Defend a Squad/Platoon Position
04-3303.01-0019	Use a Map Overlay

04-3305.01-0005	Engage targets with an M16A1 or M16A2 Rifle
04-3305.01-0006	Employ M18A1 Claymore
04-3305.01-0009	Operate M60 Machine Gun
04-3305.01-0010	Engage Targets with an M60 Machine Gun
04-3305.01-0011	Prepare a Range Card for an M60 Machine Gun
04-3305.01-0012	Operate an M249 Machine Gun
04-3305.01-0013	Engage Targets with an M249 Machine Gun
04-3306.01-0006	Use Challenge and Password
04-3301.02-0012	Defend a Platoon Position

06-3-A002 PLAN AND COORDINATE SURVEY OPERATIONS

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)

113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
113-573-4006	USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)

061-302-5006	Plan an Astronomic Observation
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Enlisted MOS: 82C Skill Level: 4

Individual Task(s)

061-302-4301	Plan a Survey Operation
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Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-329-1000	Identify Topographic Symbols on a Military Map
071-329-1001	Identify Terrain Features on a Map
071-329-1008	Measure Distance on a Map

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

06-3-A003 PROCESS SURVEY INFORMATION

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)

113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
113-573-4006	USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-302-5028	Enter a New Survey Control Point in the FED MSR
061-302-5029	Update the Survey Control Point File in the FED MSR
061-302-5030	Process a Survey Search Request in the FED MSR

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)

061-302-2102	Evaluate Survey Information
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Enlisted MOS: 82C Skill Level: 3

Individual Task(s)

061-275-8014	Supervise the Operation of SINGGARS
061-302-5024	Check Survey Field Notes and Computations
061-302-5027	Process a Survey Order with the FED MSR

Enlisted MOS: 82C Skill Level: 4

Individual Task(s)

061-302-4301	Plan a Survey Operation
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Enlisted MOS: COM Skill Level: 2

Individual Task(s)

071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
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06-3-A004 COMMAND AND CONTROL BATTERY/PLATOON/SECTION MOVEMENT OPERATIONS

Enlisted MOS: 13P Skill Level: 4

Individual Task(s)

061-287-5017	Verify Reporting of Tactical Platoon Status
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Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-329-1008	Measure Distance on a Map
071-329-1012	ORIENT A MAP TO THE GROUND BY MAP TERRAIN ASSOCIATION
551-721-1359	DRIVE VEHICLE IN A CONVOY
551-721-1363	DRIVE VEHICLE WITH OR WITHOUT TRAILER/SEMITRAILER IN BLACKOUT CONDITIONS

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

071-329-1019	USE A MAP OVERLAY
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850-001-2001 ASSESS POTENTIAL FOR ACCIDENTS

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

071-331-0820 ANALYZE TERRAIN
 551-721-3352 DIRECT CONVOY DEFENSE OPERATIONS

Enlisted MOS: COM Skill Level: 4

Individual Task(s)

051-196-3065 PREPARE A ROUTE RECONNAISSANCE OVERLAY
 071-326-3013 CONDUCT A TACTICAL ROAD MARCH
 071-326-5626 PREPARE AN ORAL OPERATION ORDER
 071-326-5630 CONDUCT MOVEMENT TECHNIQUES BY A PLATOON
 071-326-5805 CONDUCT A ROUTE RECONNAISSANCE MISSION
 071-332-5000 Prepare an Operation Overlay
 071-720-0015 CONDUCT AN AREA RECONNAISSANCE BY A PLATOON
 551-721-3359 PREPARE A STRIP MAP
 551-721-4326 PERFORM DUTIES AS CONVOY COMMANDER

Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)

01-2999.99-0600 Command a Battery

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

03-4651.90-0001 Supervise Training and Licensing of Unit Equipment Operators

06-4-A001 MANAGE MAINTENANCE RECORDS AND SUBMIT REPORTS

Enlisted MOS: 63B Skill Level: 3

Individual Task(s)

091-309-0633 PREPARE MATERIAL CONDITION STATUS REPORT
 091-309-0671 INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
 091-309-0673 INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
 091-309-0680 INSPECT RECORD OF DEMANDS
 091-309-0685 PREPARE ACCIDENT REPORT (DA FORM 285)
 091-309-0698 INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
 091-309-0700 INSPECT RECONCILIATION LISTING (AUTOMATED)
 091-309-2026 INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

06-4-A002 ESTABLISH AN ORGANIZATIONAL MAINTENANCE FACILITY

Enlisted MOS: 13B Skill Level: 1

Individual Task(s)
061-271-1475 Perform Maintenance of the Valve Selector Speed Shift, and Valve Wheels (M198) (U6)

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
850-001-2001 ASSESS POTENTIAL FOR ACCIDENTS

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
091-309-0710 SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
091-309-0711 DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
03-4376.04-0001 Evaluate Unit Calibration Program
03-4651.90-0001 Supervise Training and Licensing of Unit Equipment Operators
03-4966.90-0010 Supervise Preventive Maintenance Checks and Services
03-4976.90-0501 Prepare a Materiel Condition Status Report
03-5101.00-0283 Supervise the Maintenance of Unit Prescribed Load List

06-4-A003 MAINTAIN PETROLEUM, OILS, AND LUBRICANTS

Enlisted MOS: 77F Skill Level: 1

Individual Task(s)
101-519-1167 Prepare DA form 3643 (Daily issue of petroleum products)

Enlisted MOS: 92Y Skill Level: 3

Individual Task(s)
101-521-3252 CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS

06-4-C017 ESTABLISH AZIMUTH BY SIMULTANEOUS OBSERVATION

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
061-275-8003 Operate SINCGARS ICOM
061-302-1026 Record Field Notes
061-302-1047 Compute an Azimuth From a Simultaneous Observation
061-302-1060 Measure Angles with a 0.2-MIL Theodolite
061-302-1061 Measure Angles with a 0.002-MIL Theodolite
061-302-5000 Perform an Astronomic Observation with a Theodolite
061-302-5020 Compute a Hasty Astronomic Observation with the FED MSR

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)
 061-275-8014 Supervise the Operation of SINCGARS

06-4-C018 ASSUME DIRECTIONAL CONTROL

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-302-1040 Compute Azimuth and Distance From Known Coordinates
 071-510-0001 Determine Azimuth Using a Protractor

Enlisted MOS: 82C Skill Level: 4

Individual Task(s)
 061-302-4301 Plan a Survey Operation

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
 071-329-1002 Determine the Grid Coordinates of a Point on a Military Map

06-4-C019 ESTABLISH AZIMUTH BY ASTRONOMIC OBSERVATION

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-302-1026 Record Field Notes
 061-302-1045 Compute an Azimuth From a Sun or Star Altitude Observation
 061-302-1046 Compute an Azimuth From a Polaris Tabular Observation
 061-302-1048 Compute Grid Convergence
 061-302-1060 Measure Angles with a 0.2-MIL Theodolite
 061-302-1061 Measure Angles with a 0.002-MIL Theodolite
 061-302-1070 Compute Azimuth From an Artillery Astronomic Observation
 061-302-5000 Perform an Astronomic Observation with a Theodolite
 061-302-5019 Compute a Star ID with the FED MSR

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)
 061-302-5006 Plan an Astronomic Observation
 061-302-5024 Check Survey Field Notes and Computations

06-4-Q001 PERFORM HASTY SURVEY (RADAR)

Enlisted MOS: 13R Skill Level: 1

ARTEP 6-303-30-MTP

Individual Task(s)

061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-302-1002	Set up and March Order an Aiming Circle
061-302-1003	Measure Angles with An M2 Aiming Circle
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map

Enlisted MOS: 13R Skill Level: 3

Individual Task(s)

061-266-4013	Declinate the M2 or M2A2 Aiming Circle
061-302-1002	Set up and March Order an Aiming Circle
061-302-1003	Measure Angles with An M2 Aiming Circle
061-302-1004	DECLINATE AN M2 AIMING CIRCLE
061-302-1059	Perform Checks, Adjustments, and Services on the Aiming Circle

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-329-1001	Identify Terrain Features on a Map
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
071-329-1008	Measure Distance on a Map

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

071-510-0001	Determine Azimuth Using a Protractor
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06-4-Q002 MARCH-ORDER RADAR EQUIPMENT

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
061-275-8013	Construct Field Expedient Antennas
061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-294-5109	March-order the Common Shelter OK/TPQ-398
061-294-5110	March Order the AN/TPQ-36 Radar Trailer
061-294-5111	March Order the AN/TPQ-37 Radar Trailer
061-294-5112	March Order the MEP-115A/816A 60-KW Generator
061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
061-294-5117	March Order the MEP-112A Generator Set

06-4-Q003 EMPLACE AND PREPARE RADAR EQUIPMENT FOR OPERATIONS

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINGARS ICOM
061-275-8013	Construct Field Expedient Antennas
061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
061-294-5102	Apply Power to the AN/TPQ-36 Radar
061-294-5103	Initialize the Firefinder Radars
061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
061-294-5107	Apply Power to the AN/TPQ-37 Radar
061-294-5115	Prepare the Operations Control Group OK-398(V)/TPQ for Operation
061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
061-294-5118	Emplace the MEP-112A Generator Set
061-294-5120	Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)

Enlisted MOS: 13R Skill Level: 2

Individual Task(s)

061-294-5201	Evaluate Mission Operations Data for Firefinder Radars
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06-4-Q009 OCCUPY A RADAR SITE**Enlisted MOS: 13R Skill Level: 1**

Individual Task(s)

061-275-8003	Operate SINGARS ICOM
061-275-8013	Construct Field Expedient Antennas
061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
061-294-5102	Apply Power to the AN/TPQ-36 Radar
061-294-5103	Initialize the Firefinder Radars
061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
061-294-5107	Apply Power to the AN/TPQ-37 Radar
061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
061-294-5118	Emplace the MEP-112A Generator Set

Enlisted MOS: 13R Skill Level: 2

Individual Task(s)

061-294-5201	Evaluate Mission Operations Data for Firefinder Radars
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Enlisted MOS: 13R Skill Level: 4

Individual Task(s)

061-275-8016	Supervise the Operation of Improved High Frequency Radio (IHFR) Sets
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Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
071-331-0852	CLEAR A FIELD OF FIRE

06-4-Q010 RECONNOITER A RADAR POSITION

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
061-302-1002	Set up and March Order an Aiming Circle
061-302-1003	Measure Angles with An M2 Aiming Circle

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-329-1001	Identify Terrain Features on a Map
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
071-329-1008	Measure Distance on a Map

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
071-329-1006	Navigate from One Point on the Ground to Another Point While Dismounted
071-329-1015	Locate an Unknown Point on a Map and on the Ground by Resection
113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

06-4-Q011 PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
061-275-8013	Construct Field Expedient Antennas
061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
061-294-5104	Perform Operator PMCS on the AN/TPQ-36 Radar System
061-294-5108	Perform Operator PMCS on the AN/TPQ-37 Radar System

Enlisted MOS: 13R Skill Level: 3

Individual Task(s)
 061-302-1059 Perform Checks, Adjustments, and Services on the Aiming Circle

06-4-Q035 OBSERVE FRIENDLY INDIRECT FIRES (RADAR)

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)
 061-294-5001 Prepare the AN/TPQ-36 (V)8 Shelter for Operation
 061-294-5004 Initialize the AN/TPQ-36 (V)8 Radar Set
 061-294-5010 Operate the AN/TPQ-36 (V)8 Radar Set in the Friendly Mode
 061-294-5100 Emplace the AN/TPQ-36 Radar Trailer
 061-294-5101 Emplace Operations Control Group OK-398(V)/TPQ
 061-294-5102 Apply Power to the AN/TPQ-36 Radar
 061-294-5103 Initialize the Firefinder Radars
 061-294-5105 Emplace the AN/TPQ-37 Radar Trailer
 061-294-5106 Emplace the MEP-115A/816A 60-KW Generator
 061-294-5107 Apply Power to the AN/TPQ-37 Radar
 061-294-5113 Operate the Firefinder Radars in the Friendly Fire Mode
 061-294-5115 Prepare the Operations Control Group OK-398(V)/TPQ for Operation
 061-294-5116 Operate Modular Azimuth Positioning System (MAPS)
 061-294-5118 Emplace the MEP-112A Generator Set
 061-294-5120 Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)

Enlisted MOS: 13R Skill Level: 2

Individual Task(s)
 061-294-5200 Evaluate Initialization of the Firefinder Radars

Enlisted MOS: 13R Skill Level: 4

Individual Task(s)
 061-275-2001 Employ Field Artillery Communications Systems
 061-284-4211 Advise Maneuver Commander on Employment of Target Acquisition Assets

06-4-Q045 PERFORM SURVEILLANCE AND LOCATE TARGETS

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)
 061-294-5001 Prepare the AN/TPQ-36 (V)8 Shelter for Operation
 061-294-5004 Initialize the AN/TPQ-36 (V)8 Radar Set
 061-294-5010 Operate the AN/TPQ-36 (V)8 Radar Set in the Friendly Mode
 061-294-5100 Emplace the AN/TPQ-36 Radar Trailer
 061-294-5101 Emplace Operations Control Group OK-398(V)/TPQ
 061-294-5102 Apply Power to the AN/TPQ-36 Radar
 061-294-5103 Initialize the Firefinder Radars
 061-294-5105 Emplace the AN/TPQ-37 Radar Trailer
 061-294-5106 Emplace the MEP-115A/816A 60-KW Generator

061-294-5107	Apply Power to the AN/TPQ-37 Radar
061-294-5113	Operate the Firefinder Radars in the Friendly Fire Mode
061-294-5114	Operate the Firefinder Radar in the Hostile Mode
061-294-5115	Prepare the Operations Control Group OK-398(V)/TPQ for Operation
061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
061-294-5118	Emplace the MEP-112A Generator Set
061-294-5119	Operate the AN/TPQ-36(V)8 in the Hostile Mode
061-294-5120	Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)

Enlisted MOS: 13R Skill Level: 2

Individual Task(s)

061-294-5200	Evaluate Initialization of the Firefinder Radars
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06-4-V001 UPDATE PADS BY USING ASSUMED DATA

Enlisted MOS: 13M Skill Level: 1

Individual Task(s)

113-610-2044	Navigate Using the AN/ PSN-11
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Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-302-1026	Record Field Notes
061-302-1060	Measure Angles with a 0.2-MIL Theodolite
061-302-1061	Measure Angles with a 0.002-MIL Theodolite
061-302-5002	Update the Position and Azimuth Determining System (PADS)
061-302-5003	Convert to Common Control
071-329-1004	Determine the Elevation of a Point on the Ground Using a Map

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)

061-302-2102	Evaluate Survey Information
061-302-5008	Plan a Position and Azimuth Determining System (PADS) Survey

Enlisted MOS: 82C Skill Level: 4

Individual Task(s)

061-302-4301	Plan a Survey Operation
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Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
 071-329-1015 Locate an Unknown Point on a Map and on the Ground by Resection

06-4-V002 ESTABLISH SURVEY CONTROL BY THREE POINT RESECTION

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-302-1015 Compute Comparative Accuracy of Two Distances
 061-302-1026 Record Field Notes
 061-302-1044 Compute a Three-Point Resection
 061-302-1060 Measure Angles with a 0.2-MIL Theodolite
 061-302-1061 Measure Angles with a 0.002-MIL Theodolite
 061-302-8001 Transmit Information Messages

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)
 061-302-2102 Evaluate Survey Information

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)
 061-302-3203 Plan a Three-Point Resection
 061-302-5024 Check Survey Field Notes and Computations

06-4-V003 USE PADS TO EXTEND SURVEY CONTROL

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-302-1013 Measure Distance with a 30-Meter Steel Tape
 061-302-1014 Repair a 30-Meter Steel Tape
 061-302-1015 Compute Comparative Accuracy of Two Distances
 061-302-1026 Record Field Notes
 061-302-1040 Compute Azimuth and Distance From Known Coordinates
 061-302-1041 Compute a Traverse and Closing Data
 061-302-1042 Compute an Intersection
 061-302-1043 Compute a Chain of Triangles
 061-302-1060 Measure Angles with a 0.2-MIL Theodolite
 061-302-1061 Measure Angles with a 0.002-MIL Theodolite
 061-302-1063 Mark Survey Positions with the Position and Azimuth Determining System (PADS)
 061-302-1065 Compute Conversion and Transformation of Coordinates and Azimuth
 061-302-1069 Prepare the Backup Computer System (BUCS) for Field Artillery Survey Observation
 061-302-1070 Compute Azimuth From an Artillery Astronomic Observation
 061-302-1132 Compute a Trig Traverse to Determine a Distance
 061-302-1202 Measure Distance with the Survey Equipment, Distance Measuring, Electronic-Medium Range (SEDME-MR)

061-302-2179	Perform Operator Preventive Maintenance on the Position and Azimuth Determining System (PADS)
061-302-5000	Perform an Astronomic Observation with a Theodolite
061-302-5002	Update the Position and Azimuth Determining System (PADS)
061-302-5003	Convert to Common Control
061-302-5004	Perform Initialization of the Position and Azimuth Determining System (PADS)
061-302-5005	Transfer the Position and Azimuth Determining System (PADS) to a Helicopter
061-302-5050	Measure an Azimuth with the Azimuth GYRO
061-302-5051	Perform Operator Checks and Services on the Azimuth GYRO

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)

061-302-2102	Evaluate Survey Information
061-302-2165	Install the Position and Azimuth Determining System (PADS) in a Vehicle
061-302-3307	Plan a Trig Traverse
061-302-5008	Plan a Position and Azimuth Determining System (PADS) Survey

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)

061-302-3201	Plan a Traverse Scheme
061-302-3202	Plan a Triangulation or Intersection Scheme
061-302-3203	Plan a Three-Point Resection
061-302-3217	Determine Datum, Spheroid or Ellipsoid, and Grid System for Area of Operation
061-302-4301	Plan a Survey Operation
061-302-5007	Locate Traverse Error
061-302-5009	Check Conversion and Transformation Computations
061-302-5024	Check Survey Field Notes and Computations

Enlisted MOS: 82C Skill Level: 4

Individual Task(s)

061-302-4301	Plan a Survey Operation
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06-4-V004 SUBMIT SURVEY REPORTS AND COMBAT INFORMATION

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)

061-306-6004	Perform Crater and Shell Fragment Analysis
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Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
061-276-1011	Use SOI Extract
061-302-8001	Transmit Information Messages

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)
 061-302-2102 Evaluate Survey Information

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)
 061-275-8014 Supervise the Operation of SINCGARS
 061-275-8017 Supervise the Operation of Mobile Subscriber Terminal Equipment

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
 061-306-6005 Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report
 301-348-1050 REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
 031-503-3005 PREPARE AND SUBMIT NBC 1 REPORTS

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
 03-3711.04-0001 Report Information of Potential Intelligence Value

06-4-V005 PLAN AND EXECUTE SURVEY OPERATIONS

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
 061-302-5028 Enter a New Survey Control Point in the FED MSR
 061-302-5029 Update the Survey Control Point File in the FED MSR
 061-302-5030 Process a Survey Search Request in the FED MSR

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)
 061-302-5008 Plan a Position and Azimuth Determining System (PADS) Survey

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)
 061-302-3201 Plan a Traverse Scheme
 061-302-3202 Plan a Triangulation or Intersection Scheme
 061-302-3203 Plan a Three-Point Resection
 061-302-3307 Plan a Trig Traverse
 061-302-5027 Process a Survey Order with the FED MSR

Enlisted MOS: 82C Skill Level: 4

Individual Task(s)
061-302-4301 Plan a Survey Operation

06-4-V006 ESTABLISH A DECLINATION STATION

Enlisted MOS: 13B Skill Level: 4

Individual Task(s)
061-266-4013 Declinate the M2 or M2A2 Aiming Circle

Enlisted MOS: 13D Skill Level: 1

Individual Task(s)
071-510-0001 Determine Azimuth Using a Protractor

Enlisted MOS: 13F Skill Level: 1

Individual Task(s)
071-510-0001 Determine Azimuth Using a Protractor

Enlisted MOS: 13P Skill Level: 1

Individual Task(s)
071-510-0001 Determine Azimuth Using a Protractor

Enlisted MOS: 13R Skill Level: 1

Individual Task(s)
071-329-1002 Determine the Grid Coordinates of a Point on a Military Map

Enlisted MOS: 13R Skill Level: 3

Individual Task(s)
061-266-4013 Declinate the M2 or M2A2 Aiming Circle

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)
071-074-0002 Determine a Grid Azimuth Using an M2 Compass
071-510-0001 Determine Azimuth Using a Protractor

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)
061-302-2181 Establish a Declination Station

06-4-V007 EXTEND AZIMUTH BY DIRECTIONAL TRAVERSE

Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-302-1026	Record Field Notes
061-302-1040	Compute Azimuth and Distance From Known Coordinates
061-302-1041	Compute a Traverse and Closing Data
061-302-1060	Measure Angles with a 0.2-MIL Theodolite
061-302-1061	Measure Angles with a 0.002-MIL Theodolite

Enlisted MOS: 82C Skill Level: 3

Individual Task(s)

061-302-3201	Plan a Traverse Scheme
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06-5-A000 PERFORM OBSERVATION AND SURVEILLANCE**Enlisted MOS: COM Skill Level: 1**

Individual Task(s)

071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
071-311-2029	CORRECT MALFUNCTIONS OF AN M16A1 OR M16A2 RIFLE
071-312-3003	LAY AN M60 MACHINE GUN USING FIELD EXPEDIENTS
071-326-0511	REACT TO FLARES
071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
071-331-0801	CHALLENGE PERSONS ENTERING YOUR AREA
071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

071-326-5705	ESTABLISH AN OBSERVATION POST
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06-5-A001 PERFORM CRATER ANALYSIS OPERATIONS**Enlisted MOS: 13B Skill Level: 4**

Individual Task(s)

061-266-4000	Set-up and Recover the M2 or M2A2 Aiming Circle
061-266-4008	Determine and Report the Azimuth of the Line of Fire
061-306-6004	Perform Crater and Shell Fragment Analysis
061-306-6005	Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report
113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE

Enlisted MOS: 13F Skill Level: 1

ARTEP 6-303-30-MTP

Individual Task(s)
071-074-0002 Determine a Grid Azimuth Using an M2 Compass

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
071-329-1000 Identify Topographic Symbols on a Military Map
071-329-1001 Identify Terrain Features on a Map
071-329-1002 Determine the Grid Coordinates of a Point on a Military Map
071-329-1003 DETERMINE A MAGNETIC AZIMUTH USING A LENSATIC COMPASS

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
071-329-1009 Convert Azimuths
071-329-1014 Locate an Unknown Point on a Map and on the Ground by Intersection
071-510-0001 Determine Azimuth Using a Protractor

06-5-A002 PERFORM ANTIARMOR OPERATIONS

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
071-311-2007 ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
071-311-2027 LOAD AN M16A1 OR M16A2 RIFLE
071-311-2029 CORRECT MALFUNCTIONS OF AN M16A1 OR M16A2 RIFLE
071-325-4407 EMPLOY HAND GRENADES
071-326-5703 CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
071-331-0815 PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
071-331-0852 CLEAR A FIELD OF FIRE

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
061-283-6003 ADJUST INDIRECT FIRE

06-5-A003 PERFORM DESTRUCTION OF MATERIAL AND RECORDS

Enlisted MOS: 13M Skill Level: 3

Individual Task(s)
061-310-8014 Implement Emergency Destruction of MLRS Ammunition

Enlisted MOS: 13M Skill Level: 2

Individual Task(s)
061-310-8009 Perform Hangfire Procedures on the M270

Enlisted MOS: 13M Skill Level: 3

Individual Task(s)
 061-310-8015 Direct Hangfire Procedures on the M270

Enlisted MOS: 13M Skill Level: 4

Individual Task(s)
 061-310-8002 Perform Emergency Destruction Procedures on MLRS Ammunition

Enlisted MOS: 13P Skill Level: 3

Individual Task(s)
 061-287-5023 Advise Supported Unit of MLRS Capabilities and Limitations.
 061-287-5024 Disseminate Fire Support Information to Lower, and Higher Field Artillery Elements.

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
 113-573-0002 CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES

06-6-A036 DEVELOP TARGETING INFORMATION DURING MISSION PLANNING, PREPARATION, AND EXECUTION

Enlisted MOS: 13R Skill Level: 4

Individual Task(s)
 061-284-3228 Produce a Target in a Target Production Section
 061-284-4000 Analyze the Formations of Threat Forces
 061-284-4211 Advise Maneuver Commander on Employment of Target Acquisition Assets
 061-284-4245 Produce a High-Payoff Target List

08-2-0003.06-A001 TREAT CASUALTIES

Enlisted MOS: 91B Skill Level: 1

Individual Task(s)
 081-831-0010 MEASURE A PATIENT'S RESPIRATIONS
 081-831-0011 MEASURE A PATIENT'S PULSE
 081-831-0012 MEASURE A PATIENT'S BLOOD PRESSURE
 081-831-0013 MEASURE A PATIENT'S TEMPERATURE
 081-831-0033 INITIATE A FIELD MEDICAL CARD
 081-831-0038 TREAT A CASUALTY FOR A HEAT INJURY
 081-831-0039 TREAT A CASUALTY FOR A COLD INJURY
 081-833-0015 SURVEY A CASUALTY

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
 081-831-1000 EVALUATE A CASUALTY

081-831-1003	CLEAR AN OBJECT FROM THE THROAT OF A CONSCIOUS CASUALTY
081-831-1005	PREVENT SHOCK
081-831-1007	GIVE FIRST AID FOR BURNS
081-831-1008	GIVE FIRST AID FOR HEAT INJURIES
081-831-1009	GIVE FIRST AID FOR FROSTBITE
081-831-1016	PUT ON A FIELD OR PRESSURE DRESSING
081-831-1017	PUT ON A TOURNIQUET
081-831-1025	APPLY A DRESSING TO AN OPEN ABDOMINAL WOUND
081-831-1026	APPLY A DRESSING TO AN OPEN CHEST WOUND
081-831-1031	ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)
081-831-1033	APPLY A DRESSING TO AN OPEN HEAD WOUND
081-831-1034	SPLINT A SUSPECTED FRACTURE
081-831-1042	PERFORM MOUTH-TO-MOUTH RESUSCITATION

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
04-8310.00-3007	Evaluate a Casualty
04-8310.00-3008	Clear an Object from the Throat of a Conscious Casualty
04-8310.00-3009	Perform Mouth-to-Mouth Resuscitation
04-8310.00-3010	Put on a Field or Pressure Dressing
04-8310.00-3011	Put on a Tourniquet
04-8310.00-3012	Prevent Shock
04-8310.00-3013	Splint a Suspected Fracture
04-8310.00-3014	Give First Aid for Burns
04-8310.00-3016	Adminster First Aid to a Nerve Agent Casualty (Buddy-Aid)
04-8310.00-3018	Give First Aid for Frostbite
04-8310.00-3020	Give First Aid for Heat Injuries
04-8310.00-3024	Apply a Dressing to an Open Chest Wound
04-8310.00-3025	Apply a Dressing to an Open Head Wound
04-8310.00-3026	Apply a Dressing to an Open Abdominal Wound

08-2-C316.06-A006 TRANSPORT CASUALTIES

Enlisted MOS: COM Skill Level: 1

Individual Task(s)	
031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD

081-831-1040	TRANSPORT A CASUALTY USING A ONE-MAN CARRY
081-831-1041	TRANSPORT A CASUALTY USING A TWO-MAN CARRY OR AN IMPROVISED LITTER

Enlisted MOS: COM Skill Level: 2

Individual Task(s)	
081-831-0101	REQUEST MEDICAL EVACUATION
121-030-3534	REPORT CASUALTIES

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
01-5030.00-1004	Use Your M17-Series Protective Mask with Hood
04-8310.00-3016	Administer First Aid to a Nerve Agent Casualty (Buddy-Aid)
04-8310.00-3027	Transport a Casualty Using a One-Man Carry
04-8310.00-3028	Transport a Casualty Using a Two-Man Carry or an Improvised Litter

08-2-R315.06-A007 PERFORM FIELD SANITATION FUNCTIONS**Enlisted MOS: COM Skill Level: 4**

Individual Task(s)	
081-831-0102	SUPERVISE UNIT PREVENTIVE MEDICINE AND FIELD SANITATION PROCEDURES
850-001-4001	INTEGRATE RISK MANAGEMENT IN PLATOON MISSION

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)	
03-8310.00-3021	Protect Yourself Against Biting Insects
03-8310.00-3022	Protect Yourself Against Diarrhea and Dysentery
03-8310.00-3023	Practice Personal Hygiene to Maintain Fitness
04-8310.00-3017	Protect Yourself Against Cold

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)	
04-8310.00-3019	Protect Yourself Against Heat
03-8310.00-9000	Supervise Unit Preventive Medicine and Field Sanitation Procedures
03-9003.03-0001	Supervise the Management of Accident Risk in Unit Operations

10-2-C002.06-A000 PERFORM UNIT GRAVES REGISTRATION FUNCTIONS**Officer MOS: COM Skill Level: Pre-Commissioned**

Individual Task(s)	
04-3302.01-0003	Conduct a Reconnaissance
03-5104.00-0007	Supervise Graves Registration Support
03-5104.00-0026	Plan Graves Registration Support

10-2-C230.06-A001 PROVIDE UNIT SUPPLY SUPPORT

Enlisted MOS: 92Y Skill Level: 1

Individual Task(s)

101-521-1151	Order Supplies and Equipment
101-521-1152	Request Supply Status for High Priority Requests
101-521-1153	Request Cancellation of Supplies
101-521-1154	RECEIVE SUPPLIES AND EQUIPMENT
101-521-1155	SUPPLIES AND EQUIPMENT TO HAND-RECEIPT HOLDERS
101-521-1156	STORE SELECTED SUPPLIES AND EQUIPMENT IN UNIT STORAGE AREAS
101-521-1163	Prepare and Maintain a Document Register
101-521-1164	Prepare and Update Signature Cards
101-521-2151	PREPARE A PROPERTY BOOK
101-521-2152	POST TRANSACTIONS TO THE MANUAL PROPERTY BOOK
101-521-2154	DETERMINE METHOD OF OBTAINING RELIEF FROM RESPONSIBILITY FOR LOST, DAMAGED, OR DESTROYED PROPERTY

Enlisted MOS: 92Y Skill Level: 2

Individual Task(s)

101-521-2161	REQUEST AND TURN IN AMMUNITION
101-521-3151	Account for and Adjust Property Records for Bulk Petroleum

Enlisted MOS: 92Y Skill Level: 3

Individual Task(s)

101-521-3102	DISPOSE OF ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
101-521-3105	DIRECT THE CONTROL AND SECURITY OF WEAPONS AND AMMUNITION IN UNIT STORAGE AREA
101-521-3215	Check the availability of Supply Publications Required to Support Unit Supply Operations
101-521-3216	Supervise Subordinate Personnel in Determining Serviceability of Organizational Clothing and Equipment
101-521-3252	CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS
101-521-3253	Direct and Control Method of Obtaining Relief From Responsibility for Lost, Damaged, or Destroyed Property at Unit Level
101-521-3254	Direct the Planning and Forecasting of Supplies (Classes I, III, and V) at the Unit Level

Enlisted MOS: 92Y Skill Level: 4

Individual Task(s)

101-521-3101	ACCOUNT FOR ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
101-521-3107	INSPECT ORGANIZATIONAL MAINTENANCE OF WEAPONS
101-521-3251	MAINTAIN MANUAL/AUTOMATED HAND RECEIPT

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
 S3-5101.00-0269 The US Army Supply System

11-5-0102.06-A000 INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION

Enlisted MOS: 31C Skill Level: 1

Individual Task(s)
 113-573-0007 IDENTIFY COMSEC INSECURITIES
 113-573-4003 ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
 113-573-4006 USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM
 113-573-6001 Recognize Electronic Countermeasures (ECM) and Implement Electronic Counter-Countermeasures (ECCM)
 113-573-7017 PREPARE/SUBMIT OPERATOR'S (MIJI) REPORT

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
 113-573-8006 USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)
 113-572-4008 TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
 113-572-5005 RECEIVE A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
 113-573-0002 CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES

11-5-1102.06-A001 INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINGGARS) FREQUENCY HOPPING (FH) NET

Enlisted MOS: 13B Skill Level: 1

Individual Task(s)
 061-275-8004 Operate SINGGARS ICOM w/VIC-1
 061-276-1011 Use SOI Extract

Enlisted MOS: 13C Skill Level: 1

Individual Task(s)
 061-275-8004 Operate SINGGARS ICOM w/VIC-1
 061-275-8006 Operate as a Net Control Station (NCS)
 061-276-1010 Install Antenna Group OE-303

061-276-1011 Use SOI Extract
061-276-1012 Install Antenna Group OE-254/GRC

Enlisted MOS: 13C Skill Level: 3

Individual Task(s)
061-275-8014 Supervise the Operation of SINCGARS
061-275-8015 Supervise SINCGARS Net Control Station (NCS) Procedures

Enlisted MOS: 13D Skill Level: 1

Individual Task(s)
061-275-8004 Operate SINCGARS ICOM w/VIC-1
061-275-8006 Operate as a Net Control Station (NCS)
061-276-1011 Use SOI Extract
061-276-1012 Install Antenna Group OE-254/GRC

Enlisted MOS: 13D Skill Level: 2

Individual Task(s)
061-275-8014 Supervise the Operation of SINCGARS
061-275-8015 Supervise SINCGARS Net Control Station (NCS) Procedures

Enlisted MOS: 13E Skill Level: 1

Individual Task(s)
061-275-8004 Operate SINCGARS ICOM w/VIC-1
061-276-1011 Use SOI Extract
061-276-1012 Install Antenna Group OE-254/GRC
061-279-5003 Maintain Communication Using the AFC/DS

Enlisted MOS: 13E Skill Level: 3

Individual Task(s)
061-275-8014 Supervise the Operation of SINCGARS

Enlisted MOS: 13F Skill Level: 1

Individual Task(s)
061-275-8004 Operate SINCGARS ICOM w/VIC-1
061-276-1012 Install Antenna Group OE-254/GRC

Enlisted MOS: 13F Skill Level: 2

Individual Task(s)
061-275-8014 Supervise the Operation of SINCGARS

Enlisted MOS: 13M Skill Level: 1

Individual Task(s)
061-275-8004 Operate SINCGARS ICOM w/VIC-1

Enlisted MOS: 13P Skill Level: 1

Individual Task(s)

061-275-8004	Operate SINCGARS ICOM w/VIC-1
061-275-8006	Operate as a Net Control Station (NCS)
061-276-1012	Install Antenna Group OE-254/GRC

Enlisted MOS: 13P Skill Level: 3

Individual Task(s)

061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
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Enlisted MOS: 13R Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
061-276-1011	Use SOI Extract
061-276-1012	Install Antenna Group OE-254/GRC

Enlisted MOS: 13R Skill Level: 4

Individual Task(s)

061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
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Enlisted MOS: 82C Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
061-276-1011	Use SOI Extract

Enlisted MOS: 82C Skill Level: 2

Individual Task(s)

061-275-8014	Supervise the Operation of SINCGARS
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Enlisted MOS: 82C Skill Level: 3

Individual Task(s)

061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
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Enlisted MOS: 93F Skill Level: 1

Individual Task(s)

061-275-8003	Operate SINCGARS ICOM
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Enlisted MOS: COM Skill Level: 2

Individual Task(s)

113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
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Enlisted MOS: COM Skill Level: 3

Individual Task(s)
113-572-4008 TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
113-573-0002 CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES

12-1-C401.06-A000 REDUCE BATTLEFIELD STRESS

Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)
01-2999.99-0600 Command a Battery

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
S3-9001.18-0001 Manage Organizational Stress
S3-9001.18-0002 Minimize Combat Stress

12-2-C321.06-A007 MAINTAIN COMPANY/BATTERY STRENGTH

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
121-030-3534 REPORT CASUALTIES

12-3-C216.06-A008 MAINTAIN PLATOON STRENGTH

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
081-831-1005 PREVENT SHOCK
081-831-1016 PUT ON A FIELD OR PRESSURE DRESSING

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
121-030-3534 REPORT CASUALTIES

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
071-430-0007 CONSOLIDATE A PLATOON FOLLOWING ENEMY CONTACT WHILE IN THE DEFENSE

071-430-0008 REORGANIZE A PLATOON FOLLOWING ENEMY CONTACT WHILE IN THE DEFENSE

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)
03-0170.01-1005 Perform Wartime Strength Accounting at Unit Level

19-2-C702.06-A000 HANDLE ENEMY PRISONERS OF WAR

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
191-377-5250 HANDLE ENEMY PERSONNEL AND EQUIPMENT

19-3-3105.06-A001 PROCESS CAPTURED DOCUMENTS AND EQUIPMENT

Enlisted MOS: COM Skill Level: 2

Individual Task(s)
191-377-5250 HANDLE ENEMY PERSONNEL AND EQUIPMENT

Enlisted MOS: COM Skill Level: 4

Individual Task(s)
191-379-4450 PROPER HANDLING OF ENEMY PERSONNEL AND EQUIPMENT AT UNIT LEVEL

43-2-C322.06-A000 PERFORM UNIT LEVEL MAINTENANCE

Enlisted MOS: 63B Skill Level: 3

Individual Task(s)
091-309-0626 Supervise the maintenance test, measurement, and diagnostic equipment
091-309-0633 PREPARE MATERIAL CONDITION STATUS REPORT
091-309-0671 INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
091-309-0673 INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
091-309-0680 INSPECT RECORD OF DEMANDS
091-309-0685 PREPARE ACCIDENT REPORT (DA FORM 285)
091-309-0698 INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
091-309-0700 INSPECT RECONCILIATION LISTING (AUTOMATED)
091-309-2026 INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

Enlisted MOS: COM Skill Level: 1

Individual Task(s)
551-721-1352 Perform Vehicle Preventive Maintenance Checks and Services (PMCS)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
091-309-0711	DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

03-4651.90-0001	Supervise Training and Licensing of Unit Equipment Operators
03-4966.90-0010	Supervise Preventive Maintenance Checks and Services
03-4976.90-0501	Prepare a Materiel Condition Status Report
03-4995.90-0010	Direct Vehicle and Equipment Recovery Operations
03-5101.00-0283	Supervise the Maintenance of Unit Prescribed Load List

43-2-C323.06-A001 MANAGE UNIT MAINTENANCE OPERATIONS

Enlisted MOS: 63B Skill Level: 3

Individual Task(s)

091-309-0626	Supervise the maintenance test, measurement, and diagnostic equipment
091-309-0633	PREPARE MATERIAL CONDITION STATUS REPORT
091-309-0671	INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
091-309-0673	INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
091-309-0680	INSPECT RECORD OF DEMANDS
091-309-0685	PREPARE ACCIDENT REPORT (DA FORM 285)
091-309-0698	INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
091-309-0700	INSPECT RECONCILIATION LISTING (AUTOMATED)
091-309-2026	INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

Enlisted MOS: COM Skill Level: 3

Individual Task(s)

091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
091-309-0711	DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS

44-1-C220.06-A000 USE PASSIVE AIR DEFENSE MEASURES

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

301-348-1050	REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE
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Enlisted MOS: COM Skill Level: 3

Individual Task(s)

441-091-3001	DIRECT UNIT AIR DEFENSE
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44-1-C221.06-A001 TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS

Enlisted MOS: COM Skill Level: 1

Individual Task(s)

071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
071-312-3027	LOAD AN M60 MACHINE GUN
071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
301-348-1050	REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE
441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT

Enlisted MOS: COM Skill Level: 2

Individual Task(s)

441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT
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Enlisted MOS: COM Skill Level: 3

Individual Task(s)

121-030-3534	REPORT CASUALTIES
441-091-3001	DIRECT UNIT AIR DEFENSE
551-721-3352	DIRECT CONVOY DEFENSE OPERATIONS

Officer MOS: COM Skill Level: Pre-Commissioned

Individual Task(s)

01-5700.01-0001	Communicate on a Tactical Radio
03-3711.04-0001	Report Information of Potential Intelligence Value

Officer MOS: COM Skill Level: 2nd Lieutenant

Individual Task(s)

01-5700.01-0001	Communicate on a Tactical Radio
03-3711.04-0001	Report Information of Potential Intelligence Value

71-3-R231.06-0001 PERFORM RISK MANAGMENT PROCEDURES

Officer MOS: 13A Skill Level: 1st Lieutenant

Individual Task(s)

01-2999.99-0600	Command a Battery
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Figure 2-4. Individual Task to Collective Task.

CHAPTER 3

Combined Arms Training Strategies

- 3-1 Combined Arms Training Strategies (CATS): The concept of CATS has been with the Army for many years and unit training planners performed CATS planning even before the term existed. Every time a battalion S-3 planned an FTX, CPX, STAFFEX, or any other training exercise, the CATS process was used.
- 3-2 CATS Methodology: CATS is the overarching training strategy that a commander uses to maintain his unit within the band of excellence. The CATS concept requires the use of scarce resources to gain the maximum effect from training dollars and time. Use of embedded training devices and existing simulations/simulators should be an integral part of the training strategy. Elements of a platoon train and master (in isolation) the specific tasks they will perform before the platoon as a whole trains. This concept fits into the "crawl, walk, run" methodology of training. This allows for low OPTEMPO training and ensures the sections know their jobs before the platoon leaders perform the command and control functions. The same methodology applies to the battery, battalion and brigade. This method saves countless resources when used for higher echelon training events. Imagine sending a Battalion to the field for an FTX, and the howitzer section crews are unable to perform fire missions to standard. The training benefit for the staff and the fire support teams would be degraded. The concept of training lower echelon elements before training higher echelons has been used for many years. We now have written and documented strategies to do this.
- 3-3 CATS Development: USAFAS, in conjunction with TRADOC, has developed CATS for all units in the FA community. These strategies were developed using input from various unit commanders in the field (both FA and maneuver) and the experience of the training developers.
- a. TRADOC started developing CATS several years ago in text format using word processors. CATS are now available in a database format from the Reimer Data Repository at <http://155.217.58.100/>. Users must have a user ID and password to use this site. You can obtain that from the site after you log in. SATS users may download CATS events for various unit types and elements from the repository. SATS 4.1 does not have the utility of taking CATS events and turning them into a unit-training event by pointing and clicking. SATS 4.2 has that function. SATS 4.2 allows planners to use CATS that they have downloaded and imported. They can create a training event by massaging the downloaded event. They may not want some collective tasks or the resourcing may not reflect their specific situation. The planner modifies the event to meet the specific situation of the unit. Resources may be changed that reflect the actual resources of the unit. These can be changed for each training exercise as often as the unit wants. It may reflect that two howitzers are inoperative for a certain exercise and the fuel that they would have used will not be used.
 - b. CATS serves several purposes. First it assists the unit planners in developing training programs and exercises for their units. Second it assists the planners in determining resources needed to execute training exercises and will ultimately become the justification for resource requirements. Finally and not so tangible, CATS passes on the historical knowledge and experience of prior commanders. This will greatly decrease the learning curve of new commanders.
 - c. Each CATS event lists a set of tasks that developers have identified as the critical tasks for the event. They are the first thing listed in the event. An example of a CATS matrix is found and explained at the end of this chapter. The CATS matrix is a MSWord document and can only be found on the U.S. Army CATS homepage or the WIDD homepage at USAFAS. The addresses are listed below. The units should download the CATS database from the Reimer data repository for use in SATS. The use of CATS within the SATS program is very different then what you will see in the word processor format. The same data exists but in a different manner.

- d. The second purpose, that of resources, is filled when the commander identifies the required resources for a specific event. Not all events will have resources listed. Some events do not require the expenditure of class III or IV supplies which are the only classes of supplies listed with this version of CATS. The resourcing of a CATS event will become very important when the Army fully integrates the CATS resourcing into the Battalion Level Training Module (BLTM). BLTM will be used as the training resource requirement model for the Army. It will be based on input from units concerning the actual consumption of various classes of supply, OPTEMP, and status of training in the unit. Initially the CATS that have been developed for use by the Army will fill the resourcing requirement. However, as units report actual resources used, the resources for specific units and events will become more accurate.

3-4. CATS MATRIX:

- a. The CATS matrix listed here is a copy of a report that is produced in MS Word format. All CATS matrix available outside the Reimer Data Repository will be in MS WORD or HTML format and located at the WIDD homepage under the Training and Doctrine Development Division unit training area. The location of this is <http://155.219.39.98/widd/WIDDToc.html>. This same matrix may be found at <ftp://ftp-dcst.monroe.army.mil/cats/index.htm>.
- b. The CATS matrix below is in Word format and looks like the ones you will find on the WIDD homepage and the CATS homepage. The data that you will download for import into SATS will come in a different format and have all the same information. It will be in database format and capable of viewing only in SATS. SATS 4.1 will not allow the user to alter or change the strategy. SATS 4.2 will allow this however. Notes that explain the elements of the matrix are included in bold and underlined text.

Task: Perform C2 of DS FA BN (6-5-TS101) This is the task that will be trained.

Supporting Task(s): This is the set of tasks that will be trained during the event.

- 06-1-A000, PREPARE THE FA INTELLIGENCE PLAN
 - 06-1-A001.06-C001, ESTABLISH AND MAINTAIN THE FA BATTALION TACTICAL OPERATIONS CENTER
 - 06-1-A002, CONTROL AND MONITOR FA OPERATIONS
 - 06-1-A007, PARTICIPATE IN THE OPERATION ORDER PROCESS (S-1)
 - 06-1-A008, PREPARE THE BATTALION RECONNAISSANCE AND SURVEILLANCE PLAN
 - 06-1-A009, DIRECT THE OPERATION OF FIELD ARTILLERY ACQUISITION ASSETS
 - 06-1-A010, PLAN AND COORDINATE A FIELD ARTILLERY RAID
 - 06-1-A011, SUPERVISE FIELD ARTILLERY PLANNING
 - 06-1-A012, ESTABLISH AND MAINTAIN SITUATIONAL AWARENESS WITHIN THE FA BATTALION
 - 06-1-A013.06-C013, ESTABLISH AND MAINTAIN BATTALION FDC
 - 06-1-A014, DEVELOP THE BATTALION COMMUNICATIONS PLAN
 - 06-1-A015, COORDINATE AND DIRECT BATTALION COMMUNICATIONS OPERATIONS
 - 06-1-A016, COORDINATE BATTALION AMMUNITION RESUPPLY OPERATIONS
 - 06-1-A017, ESTABLISH AND MAINTAIN CSS SITUATIONAL AWARENESS
 - 06-1-A018, MANAGE AND COORDINATE BATTALION SUPPLY OPERATIONS
 - 06-1-A019, DRAW AND TURN IN AMMUNITION (BATTALION AMMUNITION PLATOON/SECTION)
 - 06-1-A020, PLAN BATTALION COUNTERINTELLIGENCE OPERATIONS
 - 06-1-A021, PLAN AND COORDINATE MEDICAL OPERATIONS
 - 06-1-A023, DIRECT NBC OPERATIONS
 - 06-1-A024, COORDINATE BATTALION DEFENSE AND SECURITY OPERATIONS
 - 06-1-A025, PROCESS AND DISSEMINATE INTELLIGENCE INFORMATION
 - 06-1-A026.06-C026, CONDUCT CONTINUITY OPERATIONS
 - 06-1-A034, DEVELOP THE COMMANDER'S ESTIMATE
 - 06-1-A035, SUPERVISE FA OPERATIONS DURING MISSION PREPARATION AND EXECUTION
 - 06-1-A036, CONDUCT FA PLANNING
 - 06-1-A037, CONDUCT FA REHEARSALS (FA COMMANDER)
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06-1-A038, ESTABLISH AND MAINTAIN THE BATTALION ADMINISTRATION AND LOGISTICS OPERATIONS CENTER (ALOC)
 06-1-A039, PARTICIPATE IN REHEARSAL OPERATIONS (FSCoord)
 06-1-A040, SUPERVISE FORCE FIRE SUPPORT PLANNING
 06-1-A041, SUPERVISE FORCE FIRE SUPPORT OPERATIONS DURING MISSION PREPARATION AND EXECUTION
 06-1-A042, PERFORM TOP-DOWN FIRE PLANNING
 06-1-A043, PREPARE THE FIRE SUPPORT ESTIMATE
 06-1-A044, PREPARE THE FIRE SUPPORT ANNEX
 06-1-A045, PARTICIPATE IN REHEARSAL OPERATIONS (BRIGADE FIRE SUPPORT ELEMENT)
 06-1-A046, SUPERVISE EXECUTION OF THE FIRE SUPPORT ANNEX
 06-1-A048, PLAN FIRES IN SUPPORT OF MANEUVER OPERATIONS
 06-1-A049, PARTICIPATE IN REHEARSAL OPERATIONS (COMPANY FIRE SUPPORT TEAM)
 06-1-A050, COORDINATE, DIRECT, AND ADJUST OTHER FIRE SUPPORT ASSETS
 06-1-A051, ESTABLISH AND MAINTAIN FA SITUATIONAL AWARENESS (FA COMMANDER)
 06-1-A052, PARTICIPATE IN FA TACTICAL PLANNING (S-2)
 06-1-A053, PREPARE THE FA OPERATIONS ESTIMATE
 06-1-A054, PUBLISH THE FIELD ARTILLERY SUPPORT PLAN
 06-1-A056, COORDINATE AND CONTROL BATTALION MOVES
 06-1-A057, REPORT AMMUNITION INFORMATION
 06-1-A058, COORDINATE HOT REFUEL OPERATIONS
 06-1-A059, SUPERVISE SUSTAINMENT OPERATIONS
 06-1-A060, COORDINATE AND MONITOR BATTALION CSS OPERATIONS DURING MISSION PREPARATION AND EXECUTION
 06-1-A061, PREPARE THE LOGISTIC ESTIMATE
 06-1-A062, PREPARE THE LOGISTIC PLAN
 06-1-A063, ESTABLISH AND MAINTAIN A BATTALION SUPPORT OPERATIONS CENTER (BSOC)
 06-1-A064, PROVIDE BATTALION AMMUNITION SUPPORT
 06-1-A065, PLAN AND ENFORCE OPERATIONS SECURITY
 06-1-A071, DEVELOP THE FA-FOCUSED IPB
 06-1-A073, MANAGE BATTALION SUPPLY RECORDS AND SUBMIT REPORTS
 06-1-A077, PREPARE THE FA INTELLIGENCE ESTIMATE
 06-1-A079, CONDUCT SITUATION DEVELOPMENT
 06-1-A080, REQUEST BATTLE DAMAGE ASSESSMENT
 06-1-A088, COMMAND AND CONTROL SURVIVABILITY OPERATIONS
 06-1-A089, COMMAND AND CONTROL DELIVERY OF FIRES
 06-1-A091, DISTRIBUTE AND CONTROL COMSEC MATERIAL
 06-1-A067, CONTROL COUNTERFIRE OPERATIONS
 06-1-C026, PROVIDE FIRE SUPPORT COORDINATION
 06-1-C027, EXECUTE BATTALION FIRE MISSIONS
 06-1-C028, CONDUCT TACTICAL FIRE CONTROL
 06-1-C029, ESTABLISH AND MAINTAIN WIRE COMMUNICATIONS
 06-1-D030, SUPPORT AN AIRHEAD OPERATION (AIRBORNE UNITS ONLY)
 06-1-E031, SUPPORT AN AIR ASSAULT OPERATION
 06-1-E032, PLAN AND COORDINATE A TACTICAL AIRLIFT
 06-2-A000.06-C000, ESTABLISH AND MAINTAIN COMMUNICATIONS (CANNON)
 06-2-A001, COMMAND AND CONTROL COMMUNICATIONS OPERATIONS
 08-1-1612.06-A000, PLAN FOR COMBAT HEALTH SUPPORT OPERATIONS (BATTALION LEVEL)
 11-2-C302.06-C001, ESTABLISH AND OPERATE A SINGLE-CHANNEL VOICE RADIO NET
 11-5-0102.06-A000, INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION
 11-5-1102.06-A001, INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINCGARS) FREQUENCY HOPPING (FH) NET
 12-1-C401.06-A000, COMBAT BATTLEFIELD STRESS
 12-1-C402.06-A001, PROVIDE MORALE, WELFARE, AND RECREATION SUPPORT
 12-1-C403.06-A002, REPORT CASUALTIES

12-1-C404.06-A003, PERFORM STRENGTH ACCOUNTING
12-1-C405.06-A004, CONDUCT REPLACEMENT OPERATIONS
12-1-C406.06-A005, PROCESS PERSONNEL AND ADMINISTRATIVE ACTIONS
12-1-C407.06-A006, ESTABLISH A TEMPORARY ENEMY PRISONER OF WAR COLLECTION POINT
16-1-1001.06-A000, CONDUCT COMMAND RELIGIOUS SUPPORT PROGRAM
44-1-C220.06-A000, USE PASSIVE AIR DEFENSE MEASURES
44-1-C221.06-A001, TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS
71-3-R231.06-0001, PERFORM RISK MANAGEMENT PROCEDURES

Frequency: Quarterly (4.0) This indicates the number of times the event will be trained during a year.

Types of Events: BCT FTX, CALFEX, CFX, CPX, FTX This lists the prescribed training event types. More than one event type may be listed. The developer has done this in order to provide the commander a choice of event types based the unit's OPTEMPO and needs.

Training Audience: COMMAND SECTION , OPERATIONS SECTION , MVR BDE FIRE SPT ELE , 3 MVR BN FIRE SPT ELE , 8 TANK CO FIST , 4 MECH INF CO FIST Who will be trained.

Means (Event) (TADSS): 1 - BCT FTX (Simulations to train FA battalion C2)The means lists the type of event and any training aides, devices, simulations, or simulators that may be used to train this event.

Estimated Duration: 216 Hours Length of the event

Replication of Conditions (A-D): B This indicates the ability of the event to replicate warlike conditions. An "A" indicates a CTC type training event. "B" is some sort of live training not performed at a CTC. "C" and "D" indicates still lower quality training replication. "C" would mean an event that falls into the crawl or walk level of training and does not replicate warlike conditions very well. "D" indicates even less warlike conditions than "C".

Multi-echelon Training: FTX for HHB tasks in support of the division artillery CP using (06366L000), HHB/SVC BTRY MOVE (06366L100), HHB/SVC BTRY -PROTECT THE FORCE (06366L100), DIGITAL SUSTAINMENT TRAINING (06366L100), STAFFEX for Provide Fire Support using Simulation to support digitization/staff training (06366L100), STX for PERFORM LOGISTICS AND CSS (06366L100), TmTrng for Artillery survey training (06366L100) This is the training that will take place at the same time the main training is happening. The listed events are those that will take place simultaneously with the actual training of the staff in command and control functions. These events are listed for the same type of unit as this unit and may be found in the same set of CATS matrix as this CATS matrix.

Critical Training Gates:

Individual Tasks These will be the required prerequisite collective and individual tasks that must be trained prior to the actual training.

Resources: This would list any required resources for the event.

Comments: (Includes purpose of event; outcome supported; execution guidance about execution of the event; constraints posed by TADSS/et al) Self Explanatory

PURPOSE: To attain and sustain proficiency on all battalion METL tasks. To demonstrate collective task proficiency at the Bn and Brigade Combat Team (BCT) level.

OUTCOME: The battalion is proficient in providing timely and accurate fires in support of the BCT and the commanders intent.

EXECUTION GUIDANCE: This action trains the battalion in all METL tasks. The commander must select an action based on his training assessment and the resources available to ensure that this task selection is trained 5 times a year. The FTX proposed in the CATS is a 216 hour FTX which may be extended to 254 hours to include the Deploy/Redeploy tasks. Two FTXs a year are suggested; one is the EXEVAL for the BCT. The cannon battalion FTX may be nested in the BCT FTX. Gunnery tasks are contained in the artillery tables appendix B, ARTEP 6-115- MTP and are included in this task selection, the battalion FTX, the CALFEX, and the battalion STX and LFX. This is specific guidance that explains the event and the methodology used to develop and train it.

This is a new type event for the same set of tasks. However this would be an EXEVAL. This can be seen when you look under the Means line. The rest of the matrix is exactly like the parts above. Each different means will have the same types of listings.

Training Audience: COMMAND SECTION , OPERATIONS SECTION , MVR BDE FIRE SPT ELE , 3 MVR BN FIRE SPT ELE , 8 TANK CO FIST , 4 MECH INF CO FIST

Means (Event) (TADSS): 1 - BCT FTX (Simulations to train FA battalion C2) (EXEVAL)

Estimated Duration: 216 Hours

Replication of Conditions (A-D): B

Multi-echelon Training: FTX for HHB tasks in support of the division artillery CP using (06366L000), HHB/SVC BTRY MOVE (06366L100), HHB/SVC BTRY -PROTECT THE FORCE (06366L100), DIGITAL SUSTAINMENT TRAINING (06366L100), STAFFEX for Provide Fire Support using Simulation to support digitization/staff training (06366L100), STX for PERFORM LOGISTICS AND CSS (06366L100), TmTrng for Artillery survey training (06366L100)

Critical Training Gates:

Individual Tasks

Resources:

Comments: (Includes purpose of event; outcome supported; execution guidance about execution of the event; constraints posed by TADSS/et al)

PURPOSE: To attain and sustain proficiency on all battalion METL tasks. To demonstrate collective task proficiency at the Bn and Brigade Combat Team (BCT) level.

OUTCOME: The battalion is proficient in providing timely and accurate fires in support of the BCT and the commanders intent.

EXECUTION GUIDANCE: This action trains the battalion in all METL tasks. The commander must select an action based on his training assessment and the resources available to ensure that this task selection is trained 5 times a year. The FTX proposed in the CATS is a 216 hour FTX which may be extended to 254 hours to include the Deploy/Redeploy tasks. Two FTXs a year are suggested, one is the EXEVAL for the BCT. The cannon battalion FTX may be nested in the BCT FTX. Gunnery tasks are contained in the artillery tables appendix D, ARTEP 6-115- MTP and are included in this task selection, the battalion FTX, the CALFEX, and the battalion STX and LFX.

Another new means. This one is a CALFEX

Training Audience: COMMAND SECTION , OPERATIONS SECTION , MVR BDE FIRE SPT ELE , 3 MVR BN FIRE SPT ELE , 8 TANK CO FIST , 4 MECH INF CO FIST

Means (Event) (TADSS): 1 - CALFEX

Estimated Duration: 24 Hours

Replication of Conditions (A-D): B

Multi-echelon Training: TmTrng for Artillery survey training (06366L100), TmTrng for FIST/COLT Team Training using No Training Equipment (TADSS) Selected (06366L100), FTX for HHB tasks in support of the division artillery CP using (06366L000), HHB/SVC BTRY MOVE (06366L100), HHB/SVC BTRY -PROTECT THE FORCE (06366L100), DIGITAL SUSTAINMENT TRAINING (06366L100), STAFFEX for Provide Fire Support using Simulation to support digitization/staff training (06366L100), STX for PERFORM LOGISTICS AND CSS (06366L100)

Critical Training Gates:

Individual Tasks

Resources:**Class 3 - POL**

LIN	Gal	Nomenclature
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
C11158	0.6	CARRIER ARMORED COMMAND POST: FULL TRACKED
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
C11158	0.6	CARRIER ARMORED COMMAND POST: FULL TRACKED
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
Z51550	1.2	IK CARRIER COMMAND M-577A1: MK-2219
C11158	0.6	CARRIER ARMORED COMMAND POST: FULL TRACKED
T61562	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E W/W (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
T61562	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E W/W (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
T61562	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E W/W (HMMWV)
T61562	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E W/W (HMMWV)
T38844	1.0	TRUCK AMBULANCE: 4 LITTER ARMD 4X4 W/E (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
Z13860	6.0	CARRIER FULL TRACKED: COMMAND AND CONTROL VEHICLE (C2V)
Z51550	0.6	IK CARRIER COMMAND M-577A1: MK-2219
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
Z13860	6.0	CARRIER FULL TRACKED: COMMAND AND CONTROL VEHICLE (C2V)
Z51550	0.6	IK CARRIER COMMAND M-577A1: MK-2219
Z27871	0.6	FIRE SUPPORT TEAM VEHICLE: BRADLEY (BFIST-ODS)
Z27871	0.6	FIRE SUPPORT TEAM VEHICLE: BRADLEY (BFIST-ODS)
T92242	1.0	TRUCK UTILITY: ARMT CARRIER ARMD 1-1/4 TON 4X4 W/E (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
T61494	1.0	TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
C11158	0.6	CARRIER ARMORED COMMAND POST: FULL TRACKED
D11049	6.0	CARRIER CARGO: TRACKED 6 TON
K57667	9.0	HOWITZER MEDIUM SELF PROPELLED: 155
T41067	4.0	TRUCK CARGO: HEAVY PLS TRANSPORTER

Class 5 - Ammunition

DODIC	LIN	Rounds	Nomenclature
D505	K57667	2	PROJ 155MM ILLUM M485 F/HOW M1 M1A1 M45
D528	K57667	1	PROJ 155MM SMOKE SCREENING M825
D544	K57667	11	PROJ 155MM HE M107 SERIES W/SUPPL CHG F/HOW M1 M1A
D550	K57667	1	PROJ 155MM WP M110 SERIES F/HOW M1 M1A1 M45

D579 K57667 1 PROJ 155MM HE M549 W/SUPPL CHG W/O FUZE F/HOW
M109

Class 7 - Major End Items

LIN	Count	Nomenclature
Z51550	2	IK CARRIER COMMAND M-577A1: MK-2219
T38844	1	TRUCK AMBULANCE: 4 LITTER ARMD 4X4 W/E (HMMWV)
Z13860	1	CARRIER FULL TRACKED: COMMAND AND CONTROL VEHICLE (C2V)
Z51550	1	IK CARRIER COMMAND M-577A1: MK-2219
Z13860	1	CARRIER FULL TRACKED: COMMAND AND CONTROL VEHICLE (C2V)
Z51550	1	IK CARRIER COMMAND M-577A1: MK-2219
T92242	2	TRUCK UTILITY: ARMT CARRIER ARMD 1-1/4 TON 4X4 W/E (HMMWV)
D11049	18	CARRIER CARGO: TRACKED 6 TON
T41067	18	TRUCK CARGO: HEAVY PLS TRANSPORTER

Comments: (Includes purpose of event; outcome supported; execution guidance about execution of the event; constraints posed by TADSS/et al)

PURPOSE: To train the BCT staff and leaders and all Fire Support Elements on the tasks required to synchronize, coordinate and integrate all direct and indirect fires available to the BCT, safely and with maximum effects on the enemy in support of the plan and the commander's intent.

OUTCOME: The BCT leaders and staff and FSO/FSE's are proficient at integrating, coordinating and synchronizing all fires available to the BCT.

EXECUTION GUIDANCE: The BCT events assume participation of the Brigade HQ and Command Group necessary to exercise the habitual staff/fire support relationships that require training in the DS battalion. The DS battalion is not resourced to support all TF training in the supported brigade with more than the dedicated Fire Support Slice. Operations are conducted with sufficient rigor to train the FSO/FSEs to become proficient at tasks such as Developing a Fire Support Plan, Coordinating Fire Support, Executing Fire Support, Executing Immediate CAS, and Keeping the DS FA Bn Updated. The training focus is on command and control of subordinate forces and the synchronization of supporting components such as intelligence functions in the conduct of fire support operations. Many of the tasks in this selection have a corresponding automated task or one that supports that task. These automated tasks are determined by the hardware/software version of automation available to the FSO. The growth of digitization of the battlefield and the future demands on situational awareness require leader training on these automated systems.

- 3-5. The use of CATS will assist commanders in their training efforts. It will ensure the commander has a sense of direction and has a starting point. The FA CATS have been developed Army wide in conjunction with maneuver units. The true combined arms methodology requires that we in the FA train with the units we support. We have ensured horizontal integration of our events. The maneuver units have the same number and type of major training events. I.e. One CTC rotation and one brigade FTX per year. This corresponds to the one CTC rotation and one FTX EXEVAL per year by a DS FA battalion. The execution guidance will also prompt commanders to ensure certain events are trained in conjunction with maneuver units. This will ensure we are performing "combined arms" training and not training the FA in isolation.

CHAPTER 4

Training Support Packages

- 4-1 Training Support Package (TSP) definition: A TSP is a plan (template) that has been designed around specific CATS events. The TSPs all use a common format. The major areas of the TSP include the tasks selected for training, the resources required and the execution guidance with a master events lists and possible scenarios when required
- 4-2 These TSPs will not fit every situation nor do they offer a one product fits all method of training. In some cases however, a commander decide to use a TSP in it's original form without any alterations. TSPs give commanders a starting point from which they may plan training events. A TSP tells "How To Execute Training"; the CATS strategy represents "What and Why to Train". CATS show how a training event fits into the overall strategy to prepare a unit for combat. TSPs take that strategy and help turn it into a real training event with real training goals. A TSP will give the commander an excellent idea about the resources required to perform a specific type of training event. They will also have a scenario, master event list, or time ordered event list to act as a stimulus for the event. Many of the TSPs will also have digital scenarios developed for DSTATS. Having these scenarios in the digital format and the stimulus already prepared will save many hours of work. Presently we have the following TSPs under development. As they become available they will be put on the WIDD homepage for use.

155 SP HOWITZER BN FDC EXERCISE
 155 SP HOWITZER POC CERTIFICATION
 MVR BDE FSE EXERCISE 155 SP BN
 MVR BN FSE EXERCISE 155 SP BN
 MVR BN FSE EXERCISE 105 T BN
 MVR CO FIST EXERCISE 155 SP BN
 MVR CO FIST EXERCISE 105T BN
 FA BDE CPX
 DIVARTY CPX
 MLRS BN FDC EXERCISE
 MLRS BTRY EXEVAL
 155 SP BATTALION EXEVAL

- a. Commanders should use the parts of the TSP that best fit the specific event being planned. This is very easy to do because the TSPs are in MS Word format and may be edited in that environment. The entire TSP or select sections may be downloaded.
 - b. The TSP may be cut up to put OC or evaluator packets together. The T&EO task steps for the specific event are included in the TSP. They may also be found in SATS if the current task data for the MTP is in the Database.
 - c. Not only do the TSPs show the approximate amount of resources required to conduct a specific event, but also they have evaluator requirements and evaluator packets already built in.
- 4-3 At the present time we have four TSPs published; the MLRS, Paladin, 105T, and 155T section certification (dry) TSPs. Currently several contractors are developing 12 more TSPs. As these TSPs are completed, they will become available on the WIDD homepage at <http://155.219.39.98/doctrine/wddfrm.htm>. These documents will be in MS Word format and may be downloaded for use by units. The scenarios and events stimulus for DSTATS may also be downloaded from that site. The TSPs also use a digital map for some of the events. The map software and digital maps are available at the same sight.

- 4-4 The TSPs are task based and support specific CATS events. The M109A6 Paladin section certification supports the CATS event of "Perform Howitzer Section Tasks."
- 4-5 The TSPs have been written to allow use of existing training aides, devices, simulations, and simulators (TADSS). When required, a scenario will be developed and put into the DSTATS format. This will be available for download from the WIDD homepage. The use of DSTATS will greatly simplify training. The unit will no longer have to develop its own scenario or enter it into DSTATS.
- 4-6 The TSP developers have also incorporated the use of digital maps. This makes the conduct of certain events such as CPXs or STAFFEXs easier. There is no need to find mapsheets for specific areas. We will include most major training installations in the map index and overlays are also available for those areas. Presently we have only one map available and all TSPs have been built around that map. Units using the digital maps may project them onto a screen or use them on a big screen monitor. The software needed to display them is called Falcon View and it is available from the WIDD homepage. The digital map capability may not be available until mid year of 2000. In addition to the TSPs and all supporting materials being made available on the world wide web, we are also offering them in CD format. You may request them by going to the WIDD homepage and navigating to the unit training section. You will find a button that will allow you to request them on a CD. You may also call Henry Koelzer at the number listed below.
- 4-7 We welcome your input concerning the TSPs and any ideas you may have about the improvement of them.
- 4-8 The point of contact for all TSPs is Henry Koelzer, USAFAS.

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CHAPTER 5

Training and Evaluation Outlines

5-1. Introduction. This chapter contains the training and evaluation outlines for the unit. T&EOs are the foundation of the MTP and the collective training of the units. T&EOs are training objectives (task, conditions, and standards) for the collective tasks, which support critical wartime operations. The unit must master those collective tasks designated by the unit's missions essential tasks list (METL) to perform its critical wartime operations. For collective live-fire standards, the trainer needs to refer to the applicable artillery tables (Appendix B) to determine the tasks to perform and the time standards (Appendix A) to identify the standards.

5-2. Structure. The T&EOs in this chapter are listed in Table 5-1. The Mission-to-Collective Task Matrix in Chapter 2 lists the T&EOs required to train the critical wartime missions according to their specific BOS.

5-3. Format. The T&EOs are prepared for every collective task that supports critical wartime operation accomplishment. Each T&EO contains the following items:

- a. Element. This identifies the unit or unit element(s)/section(s) that perform the task.
- b. Task. This is a description of the action to be performed by the unit, and provides the task number.
- c. References. These are in parenthesis following the task number. The reference, which contains the most information (primary reference) about the task, is listed first and underlined.
- d. Iteration. Used to identify how many times the task is performed and evaluated during training. The "M" identifies when the task is performed in MOPP4.
- e. Commander/Leader Assessment. The unit leadership uses this to assess the proficiency of the unit in performing the task to standard. Assessments are subjective in nature and use all available evaluation data and submit leader input to develop an assessment of the organization's overall capability to accomplish the task. The commander must use his experience and METT-TC to give an honest assessment of his unit's training status. This assessment will always be subjective. We have attempted to make the assessment as unambiguous as possible. We recommend using the following rating criteria.
 - (1) T - Trained. All critical task steps as indicated by a "+" are performed and the element attains the task standard. The element attains 70% of all non-critical task steps. "T" (trained) means that the unit can successfully perform the task to standard. Only sustainment training is needed. The leader/OC or trainer judges task performance to be free of significant shortcomings. Practice on "T" tasks is designed to keep soldiers from losing proficiency.

(2) P - Needs practice. The element attains the task standard and performs all critical task steps but fails to perform one or more non-critical task step. "P" (practice) means that the unit can perform the task with some shortcomings. The shortcomings are not severe enough to require complete retraining. Only refresher training is required.

(3) U - Untrained. The unit fails to attain the task standard and fails to perform one or more critical task step. "U" (untrained) means that the unit cannot perform the task to standard. The leader must prepare a comprehensive strategy to train all tasks not executed to standard.

(4) Communications allows the field artillery to perform its primary mission of delivering fires. We have a vast and varied array of communications systems in the inventory. These systems offer varying degrees of secure capability. SINGARS allows units to establish frequency hopping

secure nets while VRC-12 series radios allow units to establish secure communications with the KY-57. In those tasks that require the establishment of communications, the elements must establish the most secure communications their equipment allows. They will receive a "NOGO" for the task step of establishing communications if they fail to do this.

f. Condition. The task condition defines the situation or environment in which the unit is to perform the collective task.

g. Task standard.

(1) The task standard states the performance criteria that a unit must achieve to successfully execute the task. This overall standard should be the focus of training. Every soldier should understand it.

(2) The trainer or evaluator determines the unit's training status using performance observation measurements (where applicable) and his judgment. The unit must be evaluated in the context of the METT-TC conditions. These conditions should be as similar as possible for all evaluated elements. This will establish a common base line for unit performance.

h. Task Steps . This is a listing of actions that is required to complete the task. These actions are stated in terms of observable performance for evaluating training proficiency. The task steps are arranged sequentially along with supporting individual tasks and their reference. Leader tasks within each T&EO are indicated by an asterisk (*). Each critical task step is indicated by a (+).

i. GO/NO-GO column. This column is provided for annotating the platoon's performance of the task steps. Mark each step as a "GO" or "NOGO". Units must establish the most secure communications they are capable of when a task step indicates "Establish communications" in order to receive a "GO".

j. Task performance/evaluation summary block. This block provides the trainer a means of recording the total number of task steps evaluated and those evaluated as "GO". It also provides the evaluator a means to rate the units demonstrated performance as a "GO" or "NO-GO". It also provides the leader with a historical record for five training iterations.

k. Supporting Individual Tasks. This is a listing of all supporting individual tasks required to correctly perform the task. Listed are the reference, task numbers, and task titles.

Develop Intelligence

PREPARE AND MAINTAIN TARGET CARDS AND TARGET FILES (06-4-A032)..... 5-5
 PERFORM SURVEILLANCE AND LOCATE TARGETS (06-4-Q045) 5-7
 SUBMIT SURVEY REPORTS AND COMBAT INFORMATION (06-4-V004) 5-9
 PERFORM OBSERVATION AND SURVEILLANCE (06-5-A000) 5-11
 PERFORM CRATER ANALYSIS OPERATIONS (06-5-A001) 5-13
 DEVELOP TARGETING INFORMATION DURING MISSION PLANNING, PREPARATION,
 AND EXECUTION (06-6-A036)..... 5-15
 PROCESS CAPTURED DOCUMENTS AND EQUIPMENT (19-3-3105.06-A001) 5-19

Deploy/Conduct Maneuver

OCCUPY A TACTICAL ASSEMBLY AREA (06-2-A003)..... 5-21
 CONDUCT BATTERY PRE/REDEPLOYMENT OPERATIONS (06-2-A066)..... 5-24
 MARCH-ORDER RADAR EQUIPMENT (06-4-Q002)..... 5-27
 EMPLACE AND PREPARE RADAR EQUIPMENT FOR OPERATIONS (06-4-Q003) 5-29
 OCCUPY A RADAR SITE (06-4-Q009)..... 5-31
 RECONNOITER A RADAR POSITION (06-4-Q010) 5-33

Employ Firepower

PLAN AND COORDINATE SURVEY OPERATIONS (06-3-A002).....	5-35
PROCESS SURVEY INFORMATION (06-3-A003).....	5-37
ESTABLISH AZIMUTH BY SIMULTANEOUS OBSERVATION (06-4-C017).....	5-39
ASSUME DIRECTIONAL CONTROL (06-4-C018).....	5-41
ESTABLISH AZIMUTH BY ASTRONOMIC OBSERVATION (06-4-C019).....	5-42
PERFORM HASTY SURVEY (RADAR) (06-4-Q001).....	5-44
OBSERVE FRIENDLY INDIRECT FIRES (RADAR) (06-4-Q035).....	5-46
UPDATE PADS BY USING ASSUMED DATA (06-4-V001).....	5-48
ESTABLISH SURVEY CONTROL BY THREE POINT RESECTION (06-4-V002).....	5-50
USE PADS TO EXTEND SURVEY CONTROL (06-4-V003).....	5-52
PLAN AND EXECUTE SURVEY OPERATIONS (06-4-V005).....	5-55
ESTABLISH A DECLINATION STATION (06-4-V006).....	5-57
EXTEND AZIMUTH BY DIRECTIONAL TRAVERSE (06-4-V007).....	5-59

Protect the Force

CONDUCT A CHEMICAL SURVEY (03-2-C310.06-0000).....	5-61
CONDUCT THOROUGH DECONTAMINATION OPERATIONS (03-2-C312.06-A001).....	5-64
PREPARE FOR OPERATIONS UNDER NBC CONDITIONS (03-3-C201.06-A002).....	5-68
PREPARE FOR A CHEMICAL ATTACK (03-3-C202.06-A003).....	5-71
RESPOND TO A CHEMICAL ATTACK (03-3-C203.06-A004).....	5-73
PREPARE FOR A FRIENDLY NUCLEAR STRIKE (03-3-C205.06-A001).....	5-76
PREPARE FOR NUCLEAR ATTACK (03-3-C206.06-A005).....	5-78
CROSS A RADIOLOGICALLY CONTAMINATED AREA (03-3-C208.06-A006).....	5-80
RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR ATTACK (03-3-C222.06-A007).....	5-82
RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK (03-3-C223.06-A008).....	5-84
CONDUCT OPERATIONAL DECONTAMINATION (03-3-C224.06-A009).....	5-87
CONDUCT CHEMICAL RECONNAISSANCE (03-3-C225.06-A010).....	5-91
CROSS CHEMICALLY CONTAMINATED AREA (03-3-C226.06-A011).....	5-95
DEFEND AGAINST AMBUSH (06-2-A022).....	5-98
PLAN AND CONDUCT DEFENSE AND SECURITY OF THE BATTERY/PLATOON AREA AND MATERIAL (06-3-A000).....	5-100
PERFORM ANTIARMOR OPERATIONS (06-5-A002).....	5-105
PERFORM DESTRUCTION OF MATERIAL AND RECORDS (06-5-A003).....	5-107
TREAT CASUALTIES (08-2-0003.06-A001).....	5-109
TRANSPORT CASUALTIES (08-2-C316.06-A006).....	5-113
PERFORM FIELD SANITATION FUNCTIONS (08-2-R315.06-A007).....	5-116
REDUCE BATTLEFIELD STRESS (12-1-C401.06-A000).....	5-119
HANDLE ENEMY PRISONERS OF WAR (19-2-C702.06-A000).....	5-121
USE PASSIVE AIR DEFENSE MEASURES (44-1-C220.06-A000).....	5-123
TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS (44-1-C221.06-A001).....	5-125
PERFORM RISK MANAGEMENT PROCEDURES (71-3-R231.06-0001).....	5-128

Perform CSS and Sustainment

PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT (06-2-A005).....	5-130
COORDINATE COMBAT SERVICE SUPPORT FOR A FIELD ARTILLERY BATTERY (06- 2-A007).....	5-132
PERFORM OPERATORS MAINTENANCE ON COMMUNICATIONS EQUIPMENT (06-2- A078).....	5-135
MANAGE MAINTENANCE RECORDS AND SUBMIT REPORTS (06-4-A001).....	5-137
ESTABLISH AN ORGANIZATIONAL MAINTENANCE FACILITY (06-4-A002).....	5-139
MAINTAIN PETROLEUM, OILS, AND LUBRICANTS (06-4-A003).....	5-141
PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT (06-4-Q011).....	5-143
PERFORM UNIT GRAVES REGISTRATION FUNCTIONS (10-2-C002.06-A000).....	5-145
PROVIDE UNIT SUPPLY SUPPORT (10-2-C230.06-A001).....	5-147

MAINTAIN COMPANY/BATTERY STRENGTH (12-2-C321.06-A007).....	5-150
MAINTAIN PLATOON STRENGTH (12-3-C216.06-A008)	5-152
PERFORM UNIT LEVEL MAINTENANCE (43-2-C322.06-A000).....	5-154
MANAGE UNIT MAINTENANCE OPERATIONS (43-2-C323.06-A001).....	5-158
Exercise Command and Control	
ESTABLISH AND MAINTAIN COMMUNICATIONS (06-2-A000.06-Q000).....	5-160
PREPARE FOR COMBAT (06-2-A098)	5-163
DEVELOP AND COMMUNICATE A PLAN (06-2-A099).....	5-167
COMMAND AND CONTROL BATTERY/PLATOON/SECTION MOVEMENT OPERATIONS (06-3-A004).....	5-172
INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION (11-5- 0102.06-A000)	5-175
INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINGARS) FREQUENCY HOPPING (FH) NET (11-5-1102.06-A001)	5-178

Figure 5-1. List of T&EO's

ELEMENT: PROCESSING SECTION

TASK: PREPARE AND MAINTAIN TARGET CARDS AND TARGET FILES (06-4-A032)
 (FM 6-121) (FM 34-1) (FM 6-20-10)
 (FM 6-20-2) (FM 6-20-30)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Force artillery units are operating in a joint and combined environment engaged in combat or under conditions when combat operations are imminent. FA and force CPs are operational and tactically deployed. The force HQ has issued an initial WARNO alerting subordinate elements to a new operation. The counterfire officer assists and advises the FA G2/S2 and is primarily responsible for supervising the FA CP's targeting element. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Targeting personnel produce targets for attack by FA and other FS assets in support of current and future operations IAW commander's guidance, TSOP and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Prepares target cards, listing all required data. + a. Organizes target card file by target category, target number, and target indicators. b. Correlates results with other intelligence information. 2. Prepares and maintains the target production map, showing: + a. The enemy situation, to include suspected unit boundaries. b. Current friendly force boundaries. c. A terrain and obstacle overlay. d. Friendly target acquisition assets. e. Ray overlays. f. Suspected targets and target indicators. g. Targets in categories 1, 2, and 4 as a minimum. 3. Prepares directional and target overlays. + 4. Records engagement and damage assessment on cards, as information becomes available. 5. Reviews, evaluates, and systematically purges target files to keep information current. + 6. Circulates cards to all relevant FA CP elements.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

ARTEP 6-303-30-MTP

SUPPORTING INDIVIDUAL TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: PERFORM SURVEILLANCE AND LOCATE TARGETS (06-4-Q045)
 (TM 11-5840-355-10) (TM 11-5840-378-10) (TM 11-5840-380-10)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The section has been assigned a tactical mission. An assigned sector of search and cueing guidance have been received. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Indirect fire weapons are located within the accuracy standard of the radar. Locations are stored and reported IAW TSOP.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Radar operator inputs search parameters as required. + <ul style="list-style-type: none"> a. Input minimum or maximum range changes. b. Input search sector azimuth changes as follows: c. Input search sector azimuth changes as follows: Center azimuth, Right sector limit, Left Sector limit. d. Input zones as directed. e. Enable commander's target priority as directed. 2. Radar operator turns the transmitter on only when directed (cued). 3. Radar operator processes weapons locations as they are located. + <ul style="list-style-type: none"> a. Display and make height corrections for weapons locations. (Height corrections are made to within one half a contour interval.) b. Enter weapons locations into permanent memory storage. c. Transmit weapons locations to supported unit as directed (within 10 seconds if height is corrected by digital maps, 20 seconds if height is corrected manually, and 60 seconds if height is corrected by voice). NOTE: Time starts when the alarm sounds. Time stops when supported unit acknowledges transmission of weapons locations.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS	061-299-5007	Process Tactical Fire Control Data
	061-299-5009	Process Artillery Target Intelligence Data
STP 6-13R14-SM-TG	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5010	Operate the AN/TPQ-36 (V)8 Radar Set in the Friendly Mode
	061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
	061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
	061-294-5102	Apply Power to the AN/TPQ-36 Radar
	061-294-5103	Initialize the Firefinder Radars
	061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
	061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
	061-294-5107	Apply Power to the AN/TPQ-37 Radar
	061-294-5113	Operate the Firefinder Radars in the Friendly Fire Mode
	061-294-5114	Operate the Firefinder Radar in the Hostile Mode
	061-294-5115	Prepare the Operations Control Group OK-398(V)/TPQ for Operation
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-294-5118	Emplace the MEP-112A Generator Set
	061-294-5119	Operate the AN/TPQ-36(V)8 in the Hostile Mode
	061-294-5120	Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)
	061-294-5200	Evaluate Initialization of the Firefinder Radars

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY SECTION
PADS SECTION

TASK: SUBMIT SURVEY REPORTS AND COMBAT INFORMATION (06-4-V004)
(FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The survey section/PADS party is conducting survey operations. Communications have been established with the controlling headquarters. While conducting survey operations enemy activity, shelling, rocketing, and bombing and/or nuclear, biological, and chemical (NBC) attack is observed. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The survey section/PADS party submits survey reports and combat information IAW TSOP and/or survey plan.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The chief surveyor/team chief provides survey data and reconnaissance information to BOC/POC IAW TSOP and/or survey plan. + 2. The team collects/reports information (SALUTE) when enemy activity is observed. 3. The team performs crater and shell fragment analysis when shelling, rocketing, or bombing is observed. 4. The team submits SHELREP, when shelling, rocketing, or bombing is observed. 5. The team submits a NBC I report when an enemy NBC attack is observed.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	061-306-6005	Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report
	301-348-1050	REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE
STP 21-24-SMCT	031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
STP 21-I-MQS	03-3711.04-0001	Report Information of Potential Intelligence Value
STP 6-13B24-SM-TG	061-306-6004	Perform Crater and Shell Fragment Analysis
STP 6-82C14-SM-TG	061-275-8003	Operate SINGGARS ICOM

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
	061-275-8014	Supervise the Operation of SINCGARS
	061-275-8017	Supervise the Operation of Mobile Subscriber Terminal Equipment
	061-276-1011	Use SOI Extract
	061-302-2102	Evaluate Survey Information
	061-302-8001	Transmit Information Messages

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM OBSERVATION AND SURVEILLANCE (06-5-A000)
(FM 6-50)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations. The battery is in position and a defense perimeter has been established. Observation posts (OPs) and listening posts (LPs) have been designated. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The 1SG establishes OPs and LPs on the basis of the commander's guidance and the situation.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>NOTE: 1SG establishes the battery outposts. Positions OPs/LPs within range of supporting small arms fire. Battery personnel do the following:</p> <ol style="list-style-type: none"> 1. Occupy positions as required. + 2. Establish and maintain communications with BOC/POC (messenger, signals, wire line, or radio). + 3. Prepare position range cards as time permits. 4. Camouflage positions. 5. Maintain surveillance of assigned sector. 6. Emplace trip flares and early warning devices. 7. Notify BOC/POC of all information and targets detected (SALUTE). 8. Ensure all personnel are familiar with TSOP on engagement. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
	071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
	071-311-2029	CORRECT MALFUNCTIONS OF AN M16A1 OR M16A2 RIFLE

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	071-312-3003	LAY AN M60 MACHINE GUN USING FIELD EXPEDIENTS
	071-326-0511	REACT TO FLARES
	071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
	071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
	071-331-0801	CHALLENGE PERSONS ENTERING YOUR AREA
	071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
	071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
STP 21-24-SMCT	071-326-5705	ESTABLISH AN OBSERVATION POST

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM CRATER ANALYSIS OPERATIONS (06-5-A001)
(FM 6-121)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations and has occupied a position area. Incoming artillery fire has impacted in the position area. The battery has directed the crater analysis team to perform crater analysis. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The battery crater analysis team performs a crater analysis to determine the direction, size, and type of enemy artillery fire IAW FM 6-50 appendix J.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Battery personnel inspect craters as soon as possible after impact. + 2. Battery personnel ensure team has necessary tools to perform analysis. 3. Battery personnel determine direction of incoming artillery. 4. Battery personnel determine size and type of munitions. 5. Battery personnel search position area for unexploded ordnance as follows: + a. Mark location. b. Send location to explosive ordnance disposal (EOD) or higher HQ. 6. Battery personnel tag usable fragments and send to higher HQ. As a minimum, the tag should contain the following: + a. Location of the crater. b. Direction to the hostile weapon. c. Date-time group of the shelling. 7. BOC/POC (platoon operations center) personnel will forward SHELREP to higher HQ.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“(*)” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-329-1000	Identify Topographic Symbols on a Military Map
	071-329-1001	Identify Terrain Features on a Map

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
	071-329-1003	DETERMINE A MAGNETIC AZIMUTH USING A LENSATIC COMPASS
STP 21-24-SMCT	071-329-1009	Convert Azimuths
	071-329-1014	Locate an Unknown Point on a Map and on the Ground by Intersection
STP 6-13B24-SM-TG	071-510-0001	Determine Azimuth Using a Protractor
	061-266-4000	Set-up and Recover the M2 or M2A2 Aiming Circle
	061-266-4008	Determine and Report the Azimuth of the Line of Fire
	061-306-6004	Perform Crater and Shell Fragment Analysis
	061-306-6005	Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report
	113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
STP 6-13F14-SM-TG	071-074-0002	Determine a Grid Azimuth Using an M2 Compass
STP 6-13F14-SM-TG(VER11)	071-074-0002	Determine a Grid Azimuth Using an M2 Compass

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: PROCESSING SECTION

TASK: DEVELOP TARGETING INFORMATION DURING MISSION PLANNING, PREPARATION, AND EXECUTION (06-6-A036)

(FM 34-130)
(FM 6-121)

(FM 34-2)
(FM 6-20-10)

(FM 34-3)
(FM 6-20-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Force artillery units are operating in a joint and combined environment engaged in combat or under conditions when combat operations are imminent. FA and force CPs are operational and tactically deployed. Targeting elements have been established at the FA bridge level and DIVARTY TOC. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: High payoff targets are detected and executed within the timeframe necessary to achieve the EFST purpose.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. The DIVARTY/Brigade S-2 performs functions as NCS (net control station) for the TA intelligence net. * 2. Establishes and maintains continuous targeting availability and information exchanges between the target production, OB sections, other FA TOC elements, and maneuver assets. + <ol style="list-style-type: none"> a. Monitors current and proposed locations, displacement, and employment of FA organic, attached, and other supporting TA assets. b. Prepares and maintains the TA capabilities chart and overlays to show areas of coverage. 3. Directs electronic support measure intelligence collection efforts in support of EW the G3/S3. 4. Coordinates topographic information in support of current and future operations. * 5. Monitors and exchanges intelligence information with corps/ division/maneuver brigade G2/S2 elements and other subordinate, higher, and adjacent targeting elements. + 6. The targeting section manages the FA targeting and intelligence collection effort. <ol style="list-style-type: none"> a. Identifies during the initial phases of the decision making process: <ol style="list-style-type: none"> (1) TAI/NAI/s (target/named areas of interest) for potential surveillance. (2) FA relevant HVTs and HPTs. b. Reviews current and future target acquisition requirements. Updates FA information requirements and proposes changes to the commander's PIR. c. S3 personnel, tasks organic, attached, or reinforcing intelligence gathering assets to meet the needs of the FA mission and developing situation. d. Recommends integration of FA TA assets into the force collection plan (DIVARTY). e. Coordinates external support and recommends missions for long range surveillance units, COLTs, scouts, observers, patrols and scouts, as appropriate. f. Coordinates sectors of search for FA TA radars. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>g. Monitors status of reconnaissance, surveillance, and target acquisition support and informs the FA G3/S3 and other tasking agencies of significant changes in FA collection capabilities.</p> <p>h. Monitors the status of higher echelon collection assets operating within the supported unit's AO.</p> <p>i. Supervises exploitation of captured personnel, documents, and material.</p> <p>7. The targeting cell processes FA target intelligence.</p> <p>a. Develops planned targets, suspect targets, and targets of opportunity for attack.</p> <p>b. Passes confirmed targets to the FCE for attack.</p> <p>c. When possible, provides targeting data in time to engage deep targets before they can influence close operations.</p> <p>d. Maintains current target cards when operating in a nonautomated environment.</p> <p>e. Maintains the target production map and artillery target intelligence file in automated systems.</p> <p>f. Ensures availability of BDA support in line with the force commander's attack guidance to ensure desired effects on targets are achieved.</p> <p>8. The targeting section receives and records current enemy information and targeting data. Sources include:</p> <ul style="list-style-type: none"> · FA Firefinder radar. · Combat observation/lasing teams (COLTs). · Aerial observers. · Crater analysis. · Subordinate FA battalion forward observers. · US Air Force RECCE (reconnaissance aircraft mission (USAF)) intelligence. · FAIO(field artillery intelligence officer)/Force G2/S2 all source intelligence agencies. <p>9. The Order of Battle section develops the enemy FA OB data base by analyzing the enemy's artillery:</p> <ul style="list-style-type: none"> · Composition. · Disposition of personnel, units, and equipment. · Strength. · Tactics and techniques. · Training. · Logistics. · Combat effectiveness. · Unit identification. · Command structure. <p>10. Establishes an OB library to include, but not limited to:</p> <ul style="list-style-type: none"> · Register of intelligence publications and scientific intelligence reports. · DIA and/or Central Intelligence Agency (CIA) handbook of specific enemy armed forces. · Area studies handbook (geographic area). · Foreign material catalog (FOMCAT). · DIA projectile fragmentation guide. · Division and corps intelligence products. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>11. Prepares and maintains the OB map focused on indirect fire systems and positions, to include suspected enemy units and boundaries. Shows graphically:</p> <ul style="list-style-type: none"> · Units, using standard military symbols. · Enemy situation, composition, and disposition. · Other enemy information to assist in determining target locations. · Friendly unit boundaries. · Terrain and obstacle overlay. · Counterfire reference grid (CRG). <p>12. Positions the OB map next to the target production map to facilitate correlation in producing targets for attack by FA assets.</p> <p>13. Prepares a targeting workbook after analyzing FA mission requirements.</p> <ol style="list-style-type: none"> a. Organizes the targeting workbook by target topic based on tactical needs to portray enemy indirect fire OB. b. Maintains the workbook for the duration of a particular operation. Starts another workbook when a unit breaks contact. <p>14. Establishes target categories to prioritize counterfires.</p> <p>15. Evaluates and correlates targeting data and target indicators.</p> <ol style="list-style-type: none"> a. Monitors the continued validity of FA targets based on the TSS, attack guidance, and evolving tactical situation. b. Develops new and/or refines existing targets by correlating most recent information from all available intelligence and target acquisition assets. c. Coordinates and disseminates newly developed targeting data to all appropriate elements as quickly as possible for further refinement or target attack: <ul style="list-style-type: none"> · Nominates HPTs for engagement, to include immediate counterfire targets, to the FA CP fire control element. · Passes target indicators to the OB section. · Passes predicted targets to the target production section for additional correlation and refinement. <p>16. Recommends changes, as appropriate, to the TA TAB, RDO, TSS, EEFI, IR, and previously selected targets.</p> <p>17. Requests execution of BDA support to determine if:</p> <ul style="list-style-type: none"> · Targets were accurately located. · Fires were timely and accurate. · Desired effects were achieved. · Targets need to be reengaged. <p>18. The targeting cell disseminates all targeting data and BDA information as quickly as possible to appropriate elements.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13R14-SM-TG	061-284-3228	Produce a Target in a Target Production Section
	061-284-4000	Analyze the Formations of Threat Forces
	061-284-4211	Advise Maneuver Commander on Employment of Target Acquisition Assets
	061-284-4245	Produce a High-Payoff Target List

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PROCESS CAPTURED DOCUMENTS AND EQUIPMENT (19-3-3105.06-A001)
(FM 19-40)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The platoon has captured enemy documents and equipment. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The platoon processes documents and equipment IAW applicable FM and instructions and time limits established by higher headquarters.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. The platoon tags all captured documents and equipment, annotating the following: + <ul style="list-style-type: none"> a. Type of document (map, photo, orders, and so forth)/equipment (rifle, radio, and so forth). b. Date and time of capture. c. Place of capture (grid coordinates). d. Capturing unit. e. Circumstances of capture. f. Prisoner's name (if taken from EPW). 2. Platoon leader reports the following information to company headquarters. + <ul style="list-style-type: none"> a. Report type of document/equipment b. Report date and time of capture. c. Report place of capture (grid coordinates). 3. Platoon leader disposes of documents and equipment according to guidance from higher headquarters. + <ul style="list-style-type: none"> a. Destroys, secures, evacuates, or abandons captured equipment equipment in accordance with the disposition instructions. b. Evacuate documents through the chain of command to intelligence personnel. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	191-377-5250	HANDLE ENEMY PERSONNEL AND EQUIPMENT

SUPPORTING INDIVIDUAL TASKS

References

Task Number

Task Title

191-379-4450

PROPER HANDLING OF ENEMY
PERSONNEL AND EQUIPMENT AT UNIT
LEVEL

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: OCCUPY A TACTICAL ASSEMBLY AREA (06-2-A003)
 (FM 6-60) (FM 7-10 (HTF)) (FM 6-50)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations and is ordered to occupy an assembly area. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The advance party occupies the tactical assembly area IAW commander's guidance and unit TSOP. The battery moves into their assigned position completes preparation as specified by the OPORD. The battery complies with the rules of engagement (ROE).

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. The advance party, under the supervision of the BC, moves to the assembly area and prepares the area for the main body arrival. +</p> <ul style="list-style-type: none"> a. Establishes initial security. b. Reconnoiters the area. c. Prepares the area IAW the TSOP. d. Assigns the section sectors. e. Checks for and marks or removes enemy obstacles and mines. f. Checks the area for NBC contamination. g. Selects the anti-armor firing positions on armor avenues of approach. h. Establishes internal/external wire communications. i. Selects element locations. <p>2. As the battery elements clear the release point, advance party members, waiting in covered and concealed positions, move out to guide them to selected or designated area without halting.</p> <p>3. Elements do not interfere with other elements during occupation. +</p> <p>4. The battery establishes and maintains local security from enemy air and ground forces. +</p> <ul style="list-style-type: none"> a. Section chiefs confirm defense sectors with the BC/1SG. b. OPs are placed on critical avenues of approach based on the commander's guidance. The OPs establish communications. c. Unit maintains noise, light, and camouflage discipline. d. Unit conducts patrols IAW the TSOP. <p>5. The unit prepares for the next mission IAW the TSOP. +</p> <p>* 6. The BC/1SG coordinates, as a minimum, with the element on the left and right. +</p> <ul style="list-style-type: none"> a. Establishes responsibility for overlapping enemy avenues of approach between adjacent sections. b. Exchanges information on OP locations and unit signals. <p>* 7. The BC/1SG develops a defense plan. +</p> <ul style="list-style-type: none"> a. Prepares the defense diagram. b. Employs all anti-armor weapons. c. Establishes automatic weapons left and right limits and/or the final protective line. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Emplaces mines and obstacles, ensuring they are covered by fire. * 8. The BC/1SG forwards the defense sketch to the battalion TOC; retains one copy for unit use. 9. On leaving the tactical assembly area (TAA) the battery accomplishes the following: + a. Recovers all mines and obstacles. b. Eliminates signs of the unit's presence in the TAA (trash, aiming stakes, communication wire, etc.). c. Does not leave anything of intelligence or materiel value.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-312-3007	PREPARE A RANGE CARD FOR AN M60 MACHINE GUN
	071-312-3027	LOAD AN M60 MACHINE GUN
	071-312-3028	UNLOAD AN M60 MACHINE GUN
	071-325-4425	EMPLOY AN M18A1 CLAYMORE MINE
	071-325-4426	RECOVER AN M18A1 CLAYMORE MINE
	071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
	071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
	071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
	071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
	071-331-0852	CLEAR A FIELD OF FIRE
STP 21-24-SMCT	031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
	031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM
STP 6-13B1-SM	071-326-5705	ESTABLISH AN OBSERVATION POST
	071-326-5770	PREPARE A PLATOON SECTOR SKETCH
	061-275-8010	Use Field Wire Laying Techniques
	071-022-0001	Perform Operator Maintenance on a Caliber .50 M2 Machine Gun
	071-022-0003	Operate a Caliber .50 M2 Machine Gun
STP 6-13B24-SM-TG	071-022-0010	Mount a Caliber .50 M2 Machine Gun on an M3 Tripod
	061-266-3313	Prepare Range Card(s) for a Howitzer
	061-266-4014	Prepare and Defend a Unit Against an Attack

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-266-4015	Conduct the Battery or Platoon Reconnaissance, Selection, and Occupation of a Position
STP 6-13C14-SM-TG	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
STP 6-13D14-SM-TG	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
STP 6-13M14-SM-TG	061-310-8004	Operate the M993
	061-310-8008	Enter Operational Area Data into the FCS
	061-310-8011	Perform Ground Reconnaissance of a Firing Platoon Area
STP 6-13P14-SM-TG	061-310-8022	Operate the M985 and M989A1
	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals
STP 6-82C14-SM-TG	061-275-8009	Operate Mobile Subscriber Radio-Telephone Terminals

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY HEADQUARTERS
BATTERY

TASK: CONDUCT BATTERY PRE/REDEPLOYMENT OPERATIONS (06-2-A066)
(FM 6-20-1) (AR 220-10)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is located at its garrison location before deployment. The battery has received notification of impending deployment. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The battery conducts pre/deployment operations IAW commander's guidance and applicable ARs and FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>NOTE: Steps 1 and 2 are pre alert steps. The unit performs these steps in a continuous process of preparations for deployment.</p> <p>* 1. The BC ensures the following: +</p> <ul style="list-style-type: none"> a. Verifies unit movement officer (UMO) orders. b. Verifies UMO has automated unit equipment list (AUEL). c. Validates unit movement books. d. Verifies certified hazardous cargo personnel are trained. e. Verifies air load and rail load teams are trained. f. Verifies security manager. g. Verifies document custodian and alternate. h. Verifies unit mail clerk. i. Verifies pay and Class A agents. j. Verifies personnel have zeroed their assigned weapon. <p>2. The battery provides support in preparation for deployment as follows: +</p> <ul style="list-style-type: none"> a. Ensures personnel information is updated and accurate. b. Ensures soldier readiness processing is conducted. c. Maintains personnel readiness files. d. Ensures that medical and dental examinations are current and that required medical warning tags are issued. e. Ensures that unit members are human immunodeficiency virus (HIV) tested periodically. f. Ensures that immunizations are current. g. Ensures personnel who wear glasses and/or hearing aids have extra sets. h. Ensures that all personnel have appropriate identification tags and documents. i. Ensures that personnel have required security clearances. j. Screens personnel for non-deployable members. k. Updates family care plans. l. Prepares signature cards, as applicable. m. Prepares and maintains a unit alert roster. n. Ensures the family support group (FSG) documents have been completed. o. Designates and briefs rear detachment personnel. <p>NOTE: Battery has been alerted.</p> <p>3. The battery prepares to deploy and does the following: +</p> <ul style="list-style-type: none"> a. Recalls unit personnel. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>b. Establishes security around unit, marshaling areas, and loading areas. c. Disconnects unnecessary phones. d. Conducts a muster formation to brief personnel and verify accountability. e. Coordinates time/location/number of vehicles for temporary POV storage. f. Inventories organizational clothing and equipment. g. Inventories personnel property and prepares for shipment or storage. h. Ensures hazardous cargo is packaged, marked, and appropriate documentation is on hand. i. Up loads all equipment and prepares vehicles and containers according to load plans. j. Draws weapons and NBC equipment. k. Moves vehicles and equipment to staging area. l. Moves personnel to secure holding area.</p> <p>NOTE: Battery deploys by air.</p> <p>* 4. BC ensures the following: a. Final inspections and preparations are conducted. b. Shoring is on hand. c. Manifests are accurate. d. Vehicles are separated into chalk order. e. Mechanical deficiencies identified by the Departure Airfield Control Group (DACG) are corrected. f. Loads are adjusted as directed by the DACG. g. Plane loads move to a designated ready line. h. Load master is assisted by battery personnel. i. Battery security is maintained.</p> <p>NOTE: Battery conducts surface movement. Unit convoy is the primary means for moving wheeled vehicles to the seaport of embarkation (SPOE).</p> <p>* 5. BC ensures the following: a. All vehicles have a qualified driver and assistant driver. b. All vehicles have emergency equipment. c. Convoy commanders are designated for march unit. d. Convoy clearance numbers are placed on all vehicles. e. Lead vehicle carries a blue flag and "convoy follows" sign. f. Trail vehicle carries a green flag and "convoy ahead" sign. g. Convoy commander's vehicle is designated with a black and white flag. h. Convoy commanders brief all personnel. As a minimum the following is briefed: (1) Safety. (2) Route. (3) Local traffic laws. (4) Convoy speed. (5) Catchup speed. (6) Vehicle intervals. (7) Scheduled rest halts. (8) Accident procedures. i. Super cargo personnel have been designated and placed on orders. j. Upon arrival at the SPOE battery personnel assist the load master and provide security.</p> <p>NOTE: Battery deploys by rail.</p> <p>* 6. BC ensures the following: a. Final Deployment Equipment List (DEL) is turned in.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Movement from marshaling area to staging area is coordinated. c. Train commanders are appointed. d. Security for equipment is coordinated. e. All vehicles have a qualified driver and assistant driver. f. Vehicles depart the staging area in load plan sequence. g. Load teams tie down and secure vehicles under the direction of the railroad inspector. h. All personnel involved with the rail head enforce the following: <ol style="list-style-type: none"> (1) Kevlar helmets and gloves are worn. (2) Rail car is in proper condition to load. (3) Standard hand signals are understood and used. (4) Ground guides direct all vehicle movement and have visual contact with the driver at all times. (5) Vehicles are operated in the lowest gear when loading rail cars. (6) Personnel do not jump on or off rail cars. (7) Personnel do not walk backwards while loading a vehicle on a rail car. (8) Personnel do not walk or stand on same rail car as vehicle being guided. (9) Personnel do not run while ground guiding. (10) Personnel do not sit under rail cars. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	071-328-5301 850-001-2001	INSPECT PERSONNEL/EQUIPMENT ASSESS POTENTIAL FOR ACCIDENTS
STP 21-I-MQS	03-9007.01-0020 04-3304.01-0002 04-8951.00-0832 03-3711.12-0001 03-4651.90-0001 03-4976.90-0501 03-9001.10-0004 03-9001.13-0001	Give Briefings Conduct Inspection Conduct Training Implement Operations Security Supervise Training and Licensing of Unit Equipment Operators Prepare a Materiel Condition Status Report Apply the Ethical Decision-Making Process as a Commander or Staff Officer Solve Problems Using the Military Problem Solving Process
STP 6-13II-MQS	01-2999.99-0600	Command a Battery

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: MARCH-ORDER RADAR EQUIPMENT (06-4-Q002)
 (FM 6-121) (TM 11-5840-354-10) (TM 11-5840-355-10)
 (TM 11-5840-378-10) (TM 11-5840-380-10) (TM 5-6115-545-12)
 (TM 5-6115-585-12)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The supported unit S2 has directed the radar section to evacuate its present position and to occupy a new position. The unit has a Firefinder RADAR and a full crew. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The section prepares the radar equipment for movement IAW TM 11-5840-355-10-1, TM 11-5840-378-10, and 11-5840-380-10. The Q-37 will be march ordered within 15 minutes and the Q-36 within 10 minutes.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
NOTE: Start timing when the section is given MARCH ORDER. Stop timing when the section is ready to depart the position. 1. Section members march order the radar trailer and updates maps. + 2. Section members march order the operational control group (OK-398(V)TPQ). + 3. Section members march order the power unit. + 4. Section members march order the cables and ground rods. + 5. Section members observe safety precautions. NOTE: If PREPARE TO MARCH ORDER was not given, add 15 minutes to the time standard to allow for striking camouflage nets and storing nonessential section equipment.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13R14-SM-TG	061-275-8003	Operate SINCGARS ICOM
	061-275-8013	Construct Field Expedient Antennas
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-294-5109	March-order the Common Shelter OK/TPQ-398
	061-294-5110	March Order the AN/TPQ-36 Radar Trailer
	061-294-5111	March Order the AN/TPQ-37 Radar Trailer
	061-294-5112	March Order the MEP-115A/816A 60-KW Generator
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-294-5117	March Order the MEP-112A Generator Set

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: EMLACE AND PREPARE RADAR EQUIPMENT FOR OPERATIONS (06-4-Q003)
 (FM 6-121) (TM 11-5840-354-10) (TM 11-5840-380-10)
 (TM 5-6115-545-12) (TM 11-5840-355-10) (TM 11-5840-378-10)
 (TM 5-6115-585-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The radar section has been assigned a tactical mission. Reconnaissance, site selection, and occupation have been completed; and radar equipment is positioned ready for emplacement with full crew. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Emplace and prepare the radar equipment IAW TM 11-5840-355-10-1, TM 11-5840-378-10, and TM 11-5840-380-10 within the following times: 20 minutes for the Q-36 and 30 minutes for the Q-37. Add 15 minutes for periods of poor visibility.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>NOTE: Start time when the radar is positioned over the near stake. Stop when the radar operator is ready to observe the assigned sector. Time does not include camouflaging of equipment.</p> <ol style="list-style-type: none"> 1. Radar section emplaces radar equipment. + <ol style="list-style-type: none"> a. Emplaces radar trailer. b. Emplaces operational control group (OK-398(V)/TPQ) c. Emplaces power unit. d. Emplaces cable and ground equipment. 2. Senior radar operator (SRO) obtains site data. + 3. Radar section prepares radar generator for operation. + <ol style="list-style-type: none"> a. Performs before operation checks. b. Observes safety precautions. c. Starts generator. d. Adjusts and monitors generator power outputs. 4. Radar section applies power to the radar set. + <ol style="list-style-type: none"> a. Performs pre-operational checks. b. Bore sights the antenna. c. Initializes the radar set. d. Prints and checks initialization data. e. Observes safety precautions. * 5. The radar section leader verifies the radar initialization data. + 6. Radar operator loads operational program. + 7. Radar section establishes communications IAW TSOP. + 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13R14-SM-TG	061-275-8003	Operate SINCGARS ICOM
	061-275-8013	Construct Field Expedient Antennas
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
	061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
	061-294-5102	Apply Power to the AN/TPQ-36 Radar
	061-294-5103	Initialize the Firefinder Radars
	061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
	061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
	061-294-5107	Apply Power to the AN/TPQ-37 Radar
	061-294-5115	Prepare the Operations Control Group OK-398(V)/TPQ for Operation
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-294-5118	Emplace the MEP-112A Generator Set
	061-294-5120	Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)
	061-294-5201	Evaluate Mission Operations Data for Firefinder Radars

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)
 WLRS (TPQ-36)

TASK: OCCUPY A RADAR SITE (06-4-Q009)
 (FM 6-121)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Section has been assigned a tactical mission. Reconnaissance has been completed, and a radar site has been selected. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Radar site is occupied IAW the unit TSOP.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. The radar section leader briefs section personnel on the following +</p> <ul style="list-style-type: none"> a. Enemy situation. b. Routes to new position area. c. Order of occupation. d. Location of adjacent units. e. Alternate radar positions. <p>2. The radar section leader initializes modular azimuth positioning system (MAPS).</p> <p>* 3. The radar section leader positions vehicles and equipment. + NOTE: Disperse equipment (within cable lengths), or keep equipment close together for survivability based on METT-TC.</p> <p>4. Section members maintain tactical discipline of the following:</p> <ul style="list-style-type: none"> a. Camouflage discipline. b. Noise discipline. c. Light discipline. d. Litter discipline. e. Track discipline (vehicle and personnel). <p>5. The section maintains communications with supported and parent units.</p> <p>6. The section improves position as time and situation permit.</p> <ul style="list-style-type: none"> a. Improves camouflage. b. Improves individual fighting positions. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
	071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
	071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
STP 6-13R14-SM-TG	071-331-0852	CLEAR A FIELD OF FIRE
	061-275-8003	Operate SINCGARS ICOM
	061-275-8013	Construct Field Expedient Antennas
	061-275-8016	Supervise the Operation of Improved High Frequency Radio (IHFR) Sets
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
	061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
	061-294-5102	Apply Power to the AN/TPQ-36 Radar
	061-294-5103	Initialize the Firefinder Radars
	061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
	061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
	061-294-5107	Apply Power to the AN/TPQ-37 Radar
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-294-5118	Emplace the MEP-112A Generator Set
061-294-5201	Evaluate Mission Operations Data for Firefinder Radars	

OPFOR TASKS AND STANDARDS: NONE

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-329-1001	Identify Terrain Features on a Map
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
	071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
STP 21-24-SMCT	071-329-1008	Measure Distance on a Map
	071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
	071-329-1006	Navigate from One Point on the Ground to Another Point While Dismounted
	071-329-1015	Locate an Unknown Point on a Map and on the Ground by Resection
STP 6-13R14-SM-TG	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-302-1002	Set up and March Order an Aiming Circle
	061-302-1003	Measure Angles with An M2 Aiming Circle

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: SURVEY PLATOON HEADQUARTERS

TASK: PLAN AND COORDINATE SURVEY OPERATIONS (06-3-A002)
(FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battalion is conducting combat operations. Survey control is required. The commander has issued guidance on survey requirements and priorities. Survey sections are equipped with the position and azimuth determining systems (PADS). Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The operations/survey section develops a survey plan IAW with commander's guidance, METT-TC and mission order.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. The operations/survey section plans the survey and does the following: + <ol style="list-style-type: none"> a. Receives the mission order: (The commander's guidance/mission order must provide priorities; accuracies; time available; primary, alternate, and supplementary position requirements; future plans; and position requirements for other units/elements). b. Gathers information that influences survey operations (mission, enemy, terrain, troops and time available [METT-TC]). c. Makes a tentative plan that is consistent with the commander's guidance, and considers all factors of METT-TC. d. Estimates the time required to execute the tentative plan. e. Modifies the plan to fit time allotted. 2. The operations/survey section coordinates the following survey information: <ol style="list-style-type: none"> a. The status of PADS team. b. Positions that require survey control. c. The survey control plans (where, when, who routes). d. Existing survey control points (SCPs) from trig lists, preestablished SCPs, and over printed maps. e. Coordination with external sources for survey team augmentation. f. Briefing of the commander, S3, and BC on the battalion survey plan. g. A sketch or map overlay of the survey. h. Preparation and issuance of the survey order (oral or written). 3. The operations/survey section coordinates survey operations with survey elements of higher, adjacent, and other units. 4. The operations/survey section coordinates requests for battalion external survey support and intra-battery survey support operations. + 5. The operations/survey section updates survey plan, as required, and keeps the commander or S3 and BCs informed. 6. The operations/survey section ensures that survey information is collected, maintained, evaluated, and disseminated to higher, adjacent, and lower survey elements. + 7. The operations/survey section requests survey assistance if PADS is destroyed or becomes nonoperational. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS	061-299-5014	Direct TAFCS Operations
STP 21-1-SMCT	071-329-1000	Identify Topographic Symbols on a Military Map
	071-329-1001	Identify Terrain Features on a Map
	071-329-1008	Measure Distance on a Map
STP 21-24-SMCT	071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
STP 6-13B24-SM-TG	113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
	113-573-4006	USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM
STP 6-82C14-SM-TG	061-302-4301	Plan a Survey Operation
	061-302-5006	Plan an Astronomic Observation

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: SURVEY PLATOON HEADQUARTERS

TASK: PROCESS SURVEY INFORMATION (06-3-A003)
(FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battalion is conducting combat operations. The survey order has been issued. Survey information is required. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The operations/survey section collects, evaluates, maintains, and disseminates survey information for the battalion and units/elements IAW the survey order and unit TSOP.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. The operations/survey section does the following: <ol style="list-style-type: none"> a. Establishes and maintains communications with units specified in the survey order. b. Provides location of the TOC to units specified in the survey order and TSOP. 2. The operations/survey section collects information from the following: <ol style="list-style-type: none"> a. Higher HQ. b. Defense Mapping Agency. c. Corps of Engineers. d. PADS teams IAW survey order and TSOP. 3. The operations/survey section maintains survey information files, maps, and overlays as follows: + <ol style="list-style-type: none"> a. Maintains a copy of each trig list of actual and proposed areas of operation. b. Maintains Artillery Survey Control Point form on SCPs established by the PADS teams IAW survey order and TSOP. c. Maintains operation map showing fourth order accuracy or higher SCPs in the current and future areas of operation. d. Prepares overlays showing current and future surveys, the friendly situation, and the enemy situation. 4. The operations/survey section disseminates survey information by use of the following methods: + <ol style="list-style-type: none"> a. Personal visits by survey personnel. b. Coordination and liaison visits by the PADS team chief. c. Digitally. d. Messenger. e. Field liaison between PADS teams. f. Secure radio or telephone (least desirable). 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS STP 21-24-SMCT	061-299-5014	Direct TAFCS Operations
	071-329-1004	Determine the Elevation of a Point on the Ground Using a Map
STP 6-13B24-SM-TG	113-573-4003P	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
	113-573-4006	USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM
STP 6-82C14-SM-TG	061-275-8014	Supervise the Operation of SINCGARS
	061-302-2102	Evaluate Survey Information
	061-302-4301	Plan a Survey Operation
	061-302-5024	Check Survey Field Notes and Computations
	061-302-5027	Process a Survey Order with the FED MSR
	061-302-5028	Enter a New Survey Control Point in the FED MSR
	061-302-5029	Update the Survey Control Point File in the FED MSR
	061-302-5030	Process a Survey Search Request in the FED MSR

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY SECTION
PADS SECTION

TASK: ESTABLISH AZIMUTH BY SIMULTANEOUS OBSERVATION (06-4-C017)
(FM 6-2) (FM 6-50)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The survey section has been directed to provide directional control by simultaneous observation. The location of the master station (a SCP with a line of known direction) and the time of observation have been designated by the survey officer or the chief surveyor. The survey section has a supplemental survey set, a T-2 or a T16 theodolite, and communications equipment. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The survey section plans and performs a simultaneous observation within 4th or 5th-order specifications as prescribed in FM 6-2.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The section chief plans simultaneous observation. + 2. The team performs simultaneous observation(s) to 4th or 5th-order specifications.		
* 3. The section chief checks all data and transmits data to flank stations. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-82C14-SM-TG	061-275-8003	Operate SINCGARS ICOM
	061-275-8014	Supervise the Operation of SINCGARS
	061-302-1026	Record Field Notes
	061-302-1047	Compute an Azimuth From a Simultaneous Observation
	061-302-1060	Measure Angles with a 0.2-MIL Theodolite
	061-302-1061	Measure Angles with a 0.002-MIL Theodolite
	061-302-5000	Perform an Astronomic Observation with a Theodolite
	061-302-5020	Compute a Hasty Astronomic Observation with the FED MSR

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY SECTION
PADS SECTION

TASK: ESTABLISH AZIMUTH BY ASTRONOMIC OBSERVATION (06-4-C019)
(FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The survey section has been directed to establish directional control by astronomic observation. The station to be occupied has been designated by the survey officer or the chief surveyor. The survey section has a supplemental survey set and a T16 or a T-2 theodolite. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The survey section plans, performs, and computes an astronomic observation within 4th or 5th-order specifications as prescribed IAW FM 6-2. Those units equipped with a T-2 will perform to 4th order standards.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The section chief plans astronomic observation (selects altitude, artillery astronomic, or Polaris tabular method). +		
2. The team determines geographic coordinates of the point to be occupied to within +2.5 seconds.		
3. The team performs astronomic observation within 4th or 5th-order specifications. Those units equipped with T-2s will perform to 4th order specifications.		
4. The team computes astronomic observation and determines the grid azimuth to the azimuth mark.		
* 5. The section chief checks all data. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-82C14-SM-TG	061-302-1026	Record Field Notes
	061-302-1045	Compute an Azimuth From a Sun or Star Altitude Observation
	061-302-1046	Compute an Azimuth From a Polaris Tabular Observation
	061-302-1048	Compute Grid Convergence
	061-302-1060	Measure Angles with a 0.2-MIL Theodolite
	061-302-1061	Measure Angles with a 0.002-MIL Theodolite

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-302-1070	Compute Azimuth From an Artillery Astronomic Observation
	061-302-5000	Perform an Astronomic Observation with a Theodolite
	061-302-5006	Plan an Astronomic Observation
	061-302-5019	Compute a Star ID with the FED MSR
	061-302-5024	Check Survey Field Notes and Computations

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: PERFORM HASTY SURVEY (RADAR) (06-4-Q001)
 (FM 6-50) (TM 11-5840-354-10) (FM 6-121)
 (FM 6-2) (TC 6-50)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The radar section is occupying a position. Survey control is not available. Survey control must be established using hasty survey methods. A master simultaneous observation station is available. Three distant points identifiable on the map and visible from the radar site are available. A known SCP with an azimuth mark is located within 1,000 meters of the radar site. The radar section has operational hasty survey and communications equipment and 1:50,000-scale map(s) of the area. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The radar section establishes hasty survey control IAW FM 6-2 and the criteria in the survey plan.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Radar technician or section chief initiates the survey. + a. Plan the survey, designate teams, and brief team members. b. Establish near and far stakes. Distance between stakes must be greater than 100 meters. 2. Team establishes directional control between the two stakes with an accuracy of 2 mils or 0.5 mil per station if traversing. Use one the following methods: + a. Polaris-Kochab. b. Polaris II reticle. c. Simultaneous observation. d. Directional traverse. 3. Team determines the hasty survey data. + a. Determine the eight-digit grid coordinates of the near stake by using graphic resection or graphic traverse. b. Determine the elevation angle to the far stake to an accuracy of 2 mils. * 4. Radar technician or section chief determines altitude of radar sites to within one-half contour interval. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-329-1001	Identify Terrain Features on a Map
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
STP 21-24-SMCT STP 6-13R14-SM-TG	071-329-1008	Measure Distance on a Map
	071-510-0001	Determine Azimuth Using a Protractor
	061-266-4013	Declinate the M2 or M2A2 Aiming Circle
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-302-1002	Set up and March Order an Aiming Circle
	061-302-1002	Set up and March Order an Aiming Circle
	061-302-1003	Measure Angles with An M2 Aiming Circle
	061-302-1003	Measure Angles with An M2 Aiming Circle
	061-302-1004	DECLINATE AN M2 AIMING CIRCLE
	061-302-1059	Perform Checks, Adjustments, and Services on the Aiming Circle
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: OBSERVE FRIENDLY INDIRECT FIRES (RADAR) (06-4-Q035)
 (TM 11-5840-355-10) (TM 11-5840-378-10) (TM 11-5840-380-10)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The radar section is directed to observe a high burst (HB), artillery datum plane, or impact predict registration. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Perform registrations IAW the appropriate system TM.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>NOTE: The secondary mission of the AN/TPQ-36 and AN/TPQ-37 is to support friendly firing elements. This secondary mission is performed in combat only when the commander deems it absolutely necessary. In the friendly fire mode, the radar can provide accurate high burst, data plane, or impact predict location data. The use of these radars in the friendly fire mode will be determined by the commander and will be situation dependent. Situations requiring radar registration may be no registration data available, no observer available, or the mission dictates that a high payoff target must be engaged in a timely manner.</p> <p>* 1. Section chief ensures the radar's sector of search will support the friendly fire mission. +</p> <p>2. Radar operator enters the following data in the computer: +</p> <ul style="list-style-type: none"> a. Sub mode type of mission. b. Battery location (easting, northing, and altitude). c. Registration point location (easting, northing, and altitude). d. Maximum ordinate of the trajectory to the nearest meter from the appropriate tabular firing table (TFT) (maximum ordinate above the gun). e. Quadrant elevation or fall angle from the TFT (Table G). f. Target number. <p>3. Radar operator records all data on DA Form 5310-R. (DA Form 5310-R may not be required in a digital environment.)</p> <p>4. After the computer accepts all initial data, the radar operator notifies FDC that the radar is ready to observe and requests SHOT and TIME OF FLIGHT.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
5. Radar operator records on the DA Form 5310-R each round fired and reports each grid to the FDC.		
* 6. Section Chief supervises and reviews all data going into the computer and on the DA Form 5310-R. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“**” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13R14-SM-TG	061-275-2001	Employ Field Artillery Communications Systems
	061-284-4211	Advise Maneuver Commander on Employment of Target Acquisition Assets
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5010	Operate the AN/TPQ-36 (V)8 Radar Set in the Friendly Mode
	061-294-5100	Emplace the AN/TPQ-36 Radar Trailer
	061-294-5101	Emplace Operations Control Group OK-398(V)/TPQ
	061-294-5102	Apply Power to the AN/TPQ-36 Radar
	061-294-5103	Initialize the Firefinder Radars
	061-294-5105	Emplace the AN/TPQ-37 Radar Trailer
	061-294-5106	Emplace the MEP-115A/816A 60-KW Generator
	061-294-5107	Apply Power to the AN/TPQ-37 Radar
	061-294-5113	Operate the Firefinder Radars in the Friendly Fire Mode
	061-294-5115	Prepare the Operations Control Group OK-398(V)/TPQ for Operation
	061-294-5116	Operate Modular Azimuth Positioning System (MAPS)
	061-294-5118	Emplace the MEP-112A Generator Set
	061-294-5120	Operate the AN/TPQ-36(V)8 Radar Using the Remote Control Display Terminal (CDT)
	061-294-5200	Evaluate Initialization of the Firefinder Radars

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY SECTION
PADS SECTION

TASK: UPDATE PADS BY USING ASSUMED DATA (06-4-V001)
(FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is planning to occupy a new position. Survey control is required, but no known survey control is available. The survey plan directs that positional control be assumed or obtained from global positioning system (GPS) and directional control be established with PADS. A 1:50,000 scale map of the area is available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The assumed coordinates must be determined to within 50 meters easting and northing, and height to the nearest one half contour interval when assumed. The coordinates will be more accurate when determined with GPS. The exact accuracy of the coordinates is determined by the number of satellites detected by the GPS.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The survey officer, chief survey or team chief does the following: + a. Selects location and marks the initialization point to be used. b. Moves survey section to the selected survey control point (SCP). c. Determines grid coordinates of the point to within 50 meters easting and 50 meters northing. d. Determines height of the point from map to the nearest one half contour interval. e. Provides assumed data to survey section chief(s). * 2. The survey officer/chief surveyor/team chief briefs all team members. + 3. The team initializes within 100 meters of the point selected. 4. The team performs initial update of PADS by using initialization (assumed) or GPS data. 5. The team performs initial update of PADS while still marked over the point and then establishes an azimuth for the conventional team. 6. The team converts assumed data to common control when directed or when assumed control differs from common control by two meters in height or 10 meters in radial error. * 7. The survey officer/chief surveyor/team chief checks data. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
	071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
STP 21-24-SMCT	071-329-1015	Locate an Unknown Point on a Map and on the Ground by Resection
STP 6-13M14-SM-TG	113-610-2044	Navigate Using the AN/ PSN-11
STP 6-82C14-SM-TG	061-302-1026	Record Field Notes
	061-302-1060	Measure Angles with a 0.2-MIL Theodolite
	061-302-1061	Measure Angles with a 0.002-MIL Theodolite
	061-302-2102	Evaluate Survey Information
	061-302-4301	Plan a Survey Operation
	061-302-5002	Update the Position and Azimuth Determining System (PADS)
	061-302-5003	Convert to Common Control
	061-302-5008	Plan a Position and Azimuth Determining System (PADS) Survey
	071-329-1004	Determine the Elevation of a Point on the Ground Using a Map

OPFOR TASKS AND STANDARDS: NONE

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-302-1060	Measure Angles with a 0.2-MIL Theodolite
	061-302-1061	Measure Angles with a 0.002-MIL Theodolite
	061-302-2102	Evaluate Survey Information
	061-302-3203	Plan a Three-Point Resection
	061-302-5024	Check Survey Field Notes and Computations
	061-302-8001	Transmit Information Messages

OPFOR TASKS AND STANDARDS: NONE

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-82C14-SM-TG	061-302-1013	Measure Distance with a 30-Meter Steel Tape
	061-302-1014	Repair a 30-Meter Steel Tape
	061-302-1015	Compute Comparative Accuracy of Two Distances
	061-302-1026	Record Field Notes
	061-302-1040	Compute Azimuth and Distance From Known Coordinates
	061-302-1041	Compute a Traverse and Closing Data
	061-302-1042	Compute an Intersection
	061-302-1043	Compute a Chain of Triangles
	061-302-1060	Measure Angles with a 0.2-MIL Theodolite
	061-302-1061	Measure Angles with a 0.002-MIL Theodolite
	061-302-1063	Mark Survey Positions with the Position and Azimuth Determining System (PADS)
	061-302-1065	Compute Conversion and Transformation of Coordinates and Azimuth
	061-302-1069	Prepare the Backup Computer System (BUCS) for Field Artillery Survey Observation
	061-302-1070	Compute Azimuth From an Artillery Astronomic Observation
	061-302-1132	Compute a Trig Traverse to Determine a Distance
	061-302-1202	Measure Distance with the Survey Equipment, Distance Measuring, Electronic-Medium Range (SEDME-MR)
	061-302-2102	Evaluate Survey Information
	061-302-2165	Install the Position and Azimuth Determining System (PADS) in a Vehicle
	061-302-2179	Perform Operator Preventive Maintenance on the Position and Azimuth Determining System (PADS)
	061-302-3201	Plan a Traverse Scheme
	061-302-3202	Plan a Triangulation or Intersection Scheme
	061-302-3203	Plan a Three-Point Resection
	061-302-3217	Determine Datum, Spheroid or Ellipsoid, and Grid System for Area of Operation
	061-302-3307	Plan a Trig Traverse
	061-302-4301	Plan a Survey Operation
	061-302-4301	Plan a Survey Operation
	061-302-5000	Perform an Astronomic Observation with a Theodolite
	061-302-5002	Update the Position and Azimuth Determining System (PADS)
	061-302-5003	Convert to Common Control
	061-302-5004	Perform Initialization of the Position and Azimuth Determining System (PADS)
061-302-5005	Transfer the Position and Azimuth Determining System (PADS) to a Helicopter	
061-302-5007	Locate Traverse Error	
061-302-5008	Plan a Position and Azimuth Determining System (PADS) Survey	
061-302-5009	Check Conversion and Transformation Computations	

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	061-302-5024	Check Survey Field Notes and Computations
	061-302-5050	Measure an Azimuth with the Azimuth GYRO
	061-302-5051	Perform Operator Checks and Services on the Azimuth GYRO

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY PLATOON HEADQUARTERS
 SURVEY SECTION
 PADS SECTION

TASK: PLAN AND EXECUTE SURVEY OPERATIONS (06-4-V005)
 (FM 6-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations and requires survey control. The commander has issued guidance on survey requirements and priorities. The survey section is equipped with the position and azimuth determining system (PADS) and survey set supplementary equipment. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The survey officer, chief surveyor or team chief develops a survey plan consistent with the commander's guidance. The survey plan provides for establishing of survey control when and where it is needed.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The survey officer, chief surveyor or team chief receives the mission, gathers information, conducts a map reconnaissance, and formulates a survey plan that accomplishes the mission and considers the following: + <ul style="list-style-type: none"> a. Planning factors such as mission, tactical situation, survey control available, priority of work, number of installations and their requirements, terrain trafficability, routes available, weather, status of equipment, mode of travel for PADS (air or ground), and time available. b. Planning essentials that provide required control, provide for checks, is simple, timely, flexible, and adaptable, and answers who, what, where, when, why, and how. * 2. The survey officer, chief surveyor or team chief briefs commander and/or S3 on the survey plan. + <ul style="list-style-type: none"> a. The survey officer, chief surveyor or team chief briefs survey team and issues survey order detailing priorities and accuracies for primary, alternate, and supplementary positions for firing units and target-locating elements, time to finish, PADS and conventional requirements, logistics and communications, alternate plan, and future requirements. b. The survey officer, chief surveyor or team chief coordinates survey operations with commanders, staff, and survey elements of higher and adjacent HQ. * 3. The survey officer, chief surveyor or team chief supervises and coordinates field operations, resupply, and servicing of survey teams. + * 4. The survey officer, chief surveyor or team chief updates survey order as required and keeps survey team informed. + 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-82C14-SM-TG	061-302-3201	Plan a Traverse Scheme
	061-302-3202	Plan a Triangulation or Intersection Scheme
	061-302-3203	Plan a Three-Point Resection
	061-302-3307	Plan a Trig Traverse
	061-302-4301	Plan a Survey Operation
	061-302-5008	Plan a Position and Azimuth Determining System (PADS) Survey
	061-302-5027	Process a Survey Order with the FED MSR
	061-302-5028	Enter a New Survey Control Point in the FED MSR
	061-302-5029	Update the Survey Control Point File in the FED MSR
	061-302-5030	Process a Survey Search Request in the FED MSR

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY SECTION
PADS SECTION

TASK: ESTABLISH A DECLINATION STATION (06-4-V006)
(FM 6-2) (FM 21-26) (STP 21-1-SMCT)
(STP 21-24-SMCT) (STP 6-82C14-SM-TG)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The DivArty is planning to occupy new positions. Survey plans call for establishment of a declination station. A survey control point (SCP) that is suitable for a declination station is within 4,000 meters of the center of the area.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Establish a declination station within the criteria stated in the mission order and FM 6-2.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Chief surveyor selects the location of the declination station. + a. Selects a location convenient to using units. b. Selects a location away from magnetic attractions. 2. Survey section performs field work. a. Selects at least one (preferably two) azimuth mark(s) located between 300 and 1,000 meters from the declination station. b. Determines the grid azimuth to the azimuth mark(s) by using either astronomic observation; PADS; survey instrument, azimuth gyro, lightweight (SIAGL); or directional traverse. c. Measures the vertical angles to the azimuth mark(s). d. Records field notes. * 3. Chief surveyor checks data for compliance with fourth-order specifications. + a. Checks traverse field notes and computations. b. Checks astronomic observation field notes and computations.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13B24-SM-TG	061-266-4013	Declinate the M2 or M2A2 Aiming Circle
STP 6-13D14-SM-TG	071-510-0001	Determine Azimuth Using a Protractor
STP 6-13F14-SM-TG	071-510-0001	Determine Azimuth Using a Protractor

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13F14-SM-TG(VER11)	071-510-0001	Determine Azimuth Using a Protractor
STP 6-13P14-SM-TG	071-510-0001	Determine Azimuth Using a Protractor
STP 6-13R14-SM-TG	061-266-4013	Declinate the M2 or M2A2 Aiming Circle
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
STP 6-82C14-SM-TG	061-302-2181	Establish a Declination Station
	071-074-0002	Determine a Grid Azimuth Using an M2 Compass
	071-510-0001	Determine Azimuth Using a Protractor

OPFOR TASKS AND STANDARDS: NONE

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CONDUCT A CHEMICAL SURVEY (03-2-C310.06-0000)

(FM 3-3)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(FM 3-4)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Chemical contamination may be present in an area of operational concern. Monitoring reports do not provide an accurate picture of the hazard area. Higher HQ directs that the area be surveyed. This task is always performed in MOPP4.

TASK STANDARDS: The survey team moves to the suspected area of contamination, determine the initial limits and defines the actual boundary of contamination and submit results of survey back to higher HQ IAW BC/platoon leader guidance and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. BC/platoon leader issues guidance to survey team to include the following:</p> <ul style="list-style-type: none"> a. Mission. b. Special instructions. <p>2. Survey team prepares to conduct the survey as follows: +</p> <ul style="list-style-type: none"> a. Assumes MOPP level 4 before entering the suspected area of contamination. b. Attaches M9 detector paper to personnel and vehicles. c. Ensures M256A1 chemical agent detection kit is present. d. Ensures M8A1 chemical agent alarm is loaded. e. Ensures M8 and M9 detector paper is loaded. f. Ensures M272 water test kit is loaded. g. Ensures the Chemical Agent Monitor (CAM) is loaded. <p>3. Survey team receives briefing from survey control party. Briefing includes the following: +</p> <ul style="list-style-type: none"> a. States the amount of time allowed for completion of survey. b. Describes the operational situation as it pertains to the conduct of the survey. c. Describes the enemy and friendly situation. d. States any factual information available about the suspected contaminated area to include the following: <ul style="list-style-type: none"> (1) Source of contamination. (2) Terrain and weather. (3) How the contamination was delivered. e. Issues a clear and concise statement of mission to include specific tasks to be accomplished. f. Briefs the survey team on the concept of operation. g. States the specific coordinating instructions. h. Indicates the time of departure and return. i. Identifies primary and alternate routes to and from the suspected area of contamination. j. Identifies administration and logistical requirements. k. Identifies required forms. l. Identifies required equipment. m. Identifies command and signal procedures. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>4. Survey team conducts the survey as follows:</p> <ul style="list-style-type: none"> a. Survey team moves to the suspected area of contamination. b. Team NCOIC identifies a starting point for the team IAW initial overlay. c. Team NCOIC ensures that the team conducts tests with the M256A1 detector kit at the initial testing point. d. Team NCOIC ensures that the team uses detector paper to take readings at every 200 meter interval until agent reacts with the detector paper or until each team member comes within 200 meters of the attack center. e. Collects samples at selected intervals. f. Team NCOIC ensures that all team members reach the last point at about the same time. g. Team NCOIC determines the initial limits of contamination. h. Team executes 180 degree turn and proceeds backward along the previously used path halfway to the last sampling point. i. Team rechecks again for contamination. j. Team continues the bracketing techniques to refine the initial limits of hazard. <p>NOTE: Team NCOIC analyzes the situation to approximate the suspected boundary of hazard.</p> <p>NOTE: From the initial limit of contamination, the team NCOIC aligns the team perpendicular to the suspected boundary of contamination with 10 to 100 meter intervals (depending on terrain).</p> <p>NOTE: Team continues testing and collecting samples for contamination until the entire boundary of contamination is defined.</p> <ul style="list-style-type: none"> k. Team NCOIC ensures that all members exit the area by using the route established by the vehicle operator. <p>* 5. Team NCOIC records the results of the chemical survey on the chemical survey data form. +</p> <ul style="list-style-type: none"> a. Identifies the type of agent(s) present within area. b. Identifies the location of contamination. c. Identifies the type of test used to confirm contamination. <p>6. Team completes survey as follows: +</p> <ul style="list-style-type: none"> a. Team NCOIC reports results to the control party. b. Team marks contaminated area. c. Team moves to designated decontamination area. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
	071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
STP 21-24-SMCT	031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
	031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
STP 21-II-MQS	071-326-5626	PREPARE AN ORAL OPERATION ORDER
	O4-3303.02-0014	Prepare Platoon or Company Combat Orders
	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
STP 21-I-MQS	O4-5030.00-2022	Supervise Employment of Nuclear, Biological, or Chemical Markers
	04-3303.01-0020	Prepare Squad/Platoon Combat Orders

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CONDUCT THOROUGH DECONTAMINATION OPERATIONS (03-2-C312.06-A001)
 (FM 3-5) (STP 21-1-SMCT) (STP 21-24-SMCT)
 (STP 21-II-MQS) (FM 3-3) (FM 3-4)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: A unit is contaminated with a persistent chemical agent during combat operations. Time is available to conduct reconstitution, to include thorough decontamination. A supporting smoke/decon (or decon) platoon is tasked to conduct the thorough decontamination mission. This task is always performed in MOPP4.

TASK STANDARDS: The smoke/decon platoon sets up the detailed equipment decon site and removes all contamination from the equipment/vehicles. The contaminated unit sets up the detailed troop decon (with technical advise from the decon platoon) and processes all personnel. The responsible units properly close the site and report the location to higher headquarters.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Contaminated unit's leader determines extent of contamination and establishes decontamination priorities. + <ol style="list-style-type: none"> a. Receives input from subordinate leaders/staff. b. Establishes priorities of decontamination. 2. Contaminated unit submits request for decontamination to higher headquarters. Request should, as a minimum, include <ol style="list-style-type: none"> a. Designation of the contaminated unit. b. Location of the contaminated unit. + c. Frequency and call sign of the contaminated unit. + d. Time the unit became contaminated. e. Number of vehicles/equipment, by type, that are contaminated. + f. Type of contamination. + g. Earliest possible time the unit can move/begin decontamination. h. Special requirements. (patient decon station, recovery assets, unit decon team, etc.) + 3. The contaminated unit's higher headquarters chemical staff -- <ol style="list-style-type: none"> a. Issues a warning order to the supporting chemical unit. b. Coordinates the movement of the contaminated unit to the link -up point and decon site. + c. Coordinates with supporting elements. (medical, engineer, air defense, military police, smoke support etc.) <p style="margin-left: 40px;">NOTE: The contaminated unit is responsible for providing security for the decon site. Support in this area must be coordinated prior to the units arriving at the link up point.</p> 4. Contaminated unit, decon platoon, and other supporting elements arrive at the link up point. 5. Decon platoon leader briefs on site layout and procedures. 6. Contaminated unit conducts pre-decon site/staging area activities. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>a. Segregate contaminated vehicles/equipment from the uncontaminated, if possible +</p> <p>b. Crews, except drivers, dismount the vehicles, ensuring that they-</p> <ol style="list-style-type: none"> (1) Remove all equipment from the top of the vehicle. (2) Do not reenter the vehicles once they have exited (to prevent further contamination of the interior of the vehicle). <p>c. Prepare vehicles for detailed equipment decon. +</p> <ol style="list-style-type: none"> (1) Remove all heavy mud and debris from the vehicle using pioneer tools (2) Remove seat covers, canvas items, camouflage netting, and other materials which can absorb chemical contaminants. (3) Remove NBC covers and dispose of as contaminated waste. <p>d. Move contaminated personnel and vehicles/equipment to the detailed troop and equipment decon lines.</p> <p>7. Designated personnel set up and maintain communications within the decon site and coordinate with the supported unit for additional communications support. +</p> <p>8. The decon unit sets up detailed equipment decon site. The following are the detailed equipment decon site stations:</p> <ol style="list-style-type: none"> a. STATION 1. Initial Wash, STATION 2. DS2 Application, STATION 3. Wait/Interior Decon, STATION 4. Rinse, STATION 5. Check. <p>9. Contaminated unit sets up detailed troop decontamination site. The following are the detailed troop decon site stations: +</p> <ol style="list-style-type: none"> a. STATION 1. Individual Gear Decon, STATION 2. Over boot and Hood Decon, STATION 3. Overgarment Removal, STATION 4. Over boot and Glove Removal, STATION 5. Monitor. STATION 6. Mask Removal, STATION 7. Mask. Decon Point, STATION 8. Reissue Point. <p>NOTE: A route to facilitate the movement of vehicle operators from Station 3 of the detailed equipment decon site to the detailed troop decon site must be established.</p> <p>10. Decon platoon leader (in conjunction with the leader, or control cell, from the contaminated unit supervises the overall thorough decon site operations. +</p> <p>11. Decon platoon processes vehicles/equipment through the detailed equipment decon stations.</p> <ol style="list-style-type: none"> a. Contaminated unit provides guides to control vehicle traffic through the site. + b. Drivers move the vehicles/equipment through the stations. c. Assistant drivers who have processed through the detailed troop decon stations replaces the primary drivers at station 3, once interior decon is completed. d. The primary drivers proceed to the detailed troop decon site to process through the stations. e. Soldiers from the detailed troop decon site and vehicles/equipment from the detailed equipment decon site reunite and move to the reconstitution area. <p>12. Decon personnel close the detailed equipment decon site.</p> <ol style="list-style-type: none"> a. Station 1. <ol style="list-style-type: none"> (1) Decon all equipment used at the station (PDDE, hoses, nozzles, etc). (2) Check all equipment for contamination, and decon again if necessary. (3) Drain water from billets or fabric tanks. (4) Load equipment on vehicles. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>(5) Spread a can of STB in each sump and cover the sumps. (6) Mark the sumps.</p> <p>b. Station 2 (for chemical/biological only). (1) Apply DS2 to PDDE, mops, handles, decon apparatus, and containers. (2) Discard mop heads, brushes, and station sign into the sump and then pull PDDE forward and wash entire application point. (3) Load unused decontaminants onto vehicles. (4) Mark the area and move all reusable equipment from station 2 to station 3.</p> <p>c. Station 3. (1) Inspect unused supplies for contamination, if uncontaminated load into vehicles. (2) Throw contaminated supplies into the nearest sump.</p> <p>d. Station 4. (1) Decon all equipment used at the station (PDDE, hoses, nozzles, etc). (2) Check all equipment for contamination, and decon again if necessary. (3) Drain water from billets or fabric tanks. (4) Load equipment on vehicles. (5) Spread a can of STB in each sump and cover the sumps (after the residue from station 5 has been placed in the sump). (6) Mark the sumps.</p> <p>e. Station 5. (1) Decon all equipment used at the station. (2) Load all reusable equipment onto vehicles. (3) Discard unusable items into station 4 sump.</p> <p>13. The decon platoon moves to the troop decon site for decon.</p> <p>14. Station personnel clean up the detailed troop decon site. a. Place all used supplies from station 7 into the station 7 sump. b. Move all usable equipment and supplies from all stations to station 1. c. Discard unusable supplies from stations 5, 4, and 3 into the sump at station 1. d. Decontaminate all supplies and equipment collected at station 1. e. Empty and rinse the decontaminant containers from station 1 into the sump at that station. f. Mark the area. g. Remove overgarments utilizing the MOPP gear exchange technique h. Dispose of used overgarments into the station 1 sump. i. Move all equipment used to fill the sump upwind of the decon area. j. Decon rubber gloves and move all equipment from station 1 upwind of the decon area. (Keep this equipment separate from the equipment used the fill the sump.) k. Remove and bury the over boots and gloves in a hole. l. Mark the hole and/or area. m. Submit NBC 4 Report to higher headquarters defining the areas of contamination resulting from the decon operation.</p> <p>15. Platoon conducts reconstitution activities. + a. Coordinates with supported battalions for assessment and recovery team(s). b. Coordinates and requests maintenance support. c. Coordinates and requests medical support. d. Coordinates and establishes logistical support for resupply activities.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1006	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE MASK
	031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
	031-503-1008	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION WHILE ELIMINATING BODYWASTE WHEN WEARING MOPP4
	031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
	031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
	031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
STP 21-24-SMCT	031-503-3009	LEAD MOPP GEAR EXCHANGE
	031-507-3003	SUPERVISE HASTY DECONTAMINATION
STP 21-II-MQS	071-326-3013	CONDUCT A TACTICAL ROAD MARCH
	O4-5030.00-2020	Supervise Nuclear, Biological, or Chemical Decontamination

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PREPARE FOR OPERATIONS UNDER NBC CONDITIONS (03-3-C201.06-A002)
 (FM 3-3) (FM 3-4) (STP 21-1-SMCT)
 (STP 21-24-SMCT) (STP 21-II-MQS) (STP 6-13II-MQS)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Higher headquarters informs the unit that the OPFOR is using NBC warfare in the area. NBC equipment has been issued. Soldiers carry protective mask with their LCE having MOPP gear readily available (within the work area). Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit leaders ensure that: NBC detection equipment can be employed and operating within 15 minutes; personnel can assume MOPP4 within 8 minutes; and, personnel can mask and hood with 15 seconds. Upon notification, the unit uses collective protection or takes measures to limit effects of NBC contamination and continues the mission IAW applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Unit leaders check accountability and serviceability of NBC defense equipment and: +</p> <ul style="list-style-type: none"> a. Ensures that unit NBC detection equipment is issued to trained operators. b. Ensures that NBC detection equipment is employed and operating within 15 minutes. c. Identifies equipment shortages and takes action to obtain replacement equipment.. <p>2. Unit assumes MOPP levels as directed by higher HQ, or as the NBC situation dictates, as follows: +</p> <ul style="list-style-type: none"> a. Personnel can mask and hood with 15 seconds. b. Personnel can assume MOPP4 within 8 minutes. <p>3. Unit personnel take actions to protect themselves against NBC attack.</p> <ul style="list-style-type: none"> a. Sets up and uses protective shelters if available. b. Prepares protective shelters such as foxholes with overhead cover or CPs dug into a hill and hardened. <p>* 4. Unit leader adjusts MOPP level using MOPP analysis. +</p> <ul style="list-style-type: none"> a. Receives and assesses the enemy NBC threat capability. NOTE: Some considerations are: What is the mission? What is the work rate? How long will the work take? What is the physical training level of the unit? How long will it take to warn all personnel? b. Assesses the unit status and mission. Note Some considerations are: Is it day or night? What are the current weather conditions? What are the expected weather conditions two, four or six hours in the future? c. Collects and assesses weather data. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title	
STP 21-1-SMCT	031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD	
	031-503-1006	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE MASK	
	031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD	
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR	
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER	
	031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR	
	031-503-1024	REPLACE CANISTER ON YOUR M40-SERIES PROTECTIVE MASK	
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD	
	STP 21-24-SMCT	031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
		031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
031-503-2020		USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER	
031-503-2022		USE AND MAINTAIN THE AN/VDR-2 RADIAC SET	
031-503-3004		SUPERVISE THE CROSSING OF A CONTAMINATED AREA	
031-503-3006		SUPERVISE RADIATION MONITORING	

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-3009	LEAD MOPP GEAR EXCHANGE
	031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
	031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
	031-503-4003	CONTROL UNIT RADIATION EXPOSURE
	031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM
STP 21-II-MQS	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
	O4-5030.00-2015	Supervise Radiation Monitoring
	O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PREPARE FOR A CHEMICAL ATTACK (03-3-C202.06-A003)

(FM 3-3)

(FM 3-4)

(FM 3-5)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(FM 3-100)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The OPFOR are using chemical warfare, or intelligence indicates its use is imminent. Higher HQ directs implementation of actions to minimize casualties and equipment damages. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit must assume MOPP level 4, within 8 minutes after notification, and complete its preparation efforts before the attack or the effects of the attack reaching the unit location. Personnel, equipment, food, and water must be protected IAW applicable FMs, and the mission continued.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit leader issues a warning order. + 2. The unit personnel start defensive preparation for a chemical attack. + a. Assume MOPP level 4 within eight minutes after notification. b. Attach M9 detector paper to their right arms and left wrists, and to either their right or left ankles. c. Conduct MOPP field sanitation procedures. 3. Emplace chemical agent alarms upwind of position. Unit personnel prepare fighting positions/shelters. + a. Use existing natural or manmade facilities as fighting positions and shelters (such as caves, ditches, culverts, and tunnels). b. Dig fighting positions and bunkers with overhead cover. NOTE: Fighting positions should have at least a minimum of 18 inches of soil, if time permits. 4. NCOs check personnel and fighting positions. + a. Ensure personnel are at MOPP level 4. b. Ensure individual and platoon fighting positions are hardened with sandbags and overhead cover. 5. Unit leader takes additional actions consistent with the tactical situation by increasing, decreasing, or modifying MOPP level as appropriate. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
STP 21-24-SMCT	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
	031-504-3001	SUPERVISE POSITIONING OF THE CHEMICAL AGENT ALARM
STP 21-II-MQS	O4-3303.02-0014	Prepare Platoon or Company Combat Orders
	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
	O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack
STP 21-I-MQS	04-3303.01-0020	Prepare Squad/Platoon Combat Orders

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: RESPOND TO A CHEMICAL ATTACK (03-3-C203.06-A004)

(FM 3-3)

(FM 3-4)

(FM 3-5)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(FM 3-100)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is tactically deployed in MOPP 2. Intelligence reports that OPFOR has initiated chemical warfare. Automatic alarm sounds, or detector paper changes color causing the element to react. This task is always performed in MOPP4.

TASK STANDARDS: Soldiers respond to and sound the chemical alarm (vocal/nonvocal) by donning protective masks with hood within 15 second and going immediately to MOPP 4 IAW applicable FMs to prevent further exposure to contamination.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Unit OIC/NCOIC ensures that element members react to the sound of the chemical agent alarm or recognize the indicators for a chemical/ biological attack. + <ol style="list-style-type: none"> a. Personnel put on protective mask with hood within 15 seconds. b. Personnel give the alarm (vocal or nonvocal). c. Goes to MOPP 4 as soon as possible. d. Seeks additional shelter if needed. e. Administers nerve agent antidote (buddy aid) to other members with symptoms of nerve agent poisoning if applicable. f. Administers nerve agent antidote to self (self aid) if applicable. g. Checks platoon members to ensure protective measures are followed. 2. Unit personnel take additional protective measures as needed. + <ol style="list-style-type: none"> a. Protect exposed equipment and supplies. b. Monitor the area by testing with detector kits. c. Use prevention procedures such as marking contaminated areas. 3. Unit personnel conduct basic decon skills. + <ol style="list-style-type: none"> a. Individuals decontaminate their skin. b. Conduct whip down of personal equipment with M258A1 decon kit. c. Personnel conduct operator's spray-down of equipment. 4. Unit OIC/NCOIC initiates unmasking procedures and report to higher headquarters. + <ol style="list-style-type: none"> a. Ensures that casualties are provided medical care. b. Report casualties c. Submits NBC 1 report to higher headquarters. d. Continues mission or requests movement to alternate location. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1019	REACT TO CHEMICAL OR BIOLOGICAL HAZARD/ATTACK
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
	031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
	031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
		081-831-1000
	081-831-1030	ADMINISTER NERVE AGENT ANTIDOTE TO SELF (SELF-AID)
	081-831-1031	ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)
STP 21-24-SMCT	031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
	031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS
	031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
STP 21-II-MQS	O4-5030.00-2008	Prepare and Submit Nuclear, Biological, or Chemical 1 Report
	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	O4-5030.00-2020	Supervise Nuclear, Biological, or Chemical Decontamination
STP 21-I-MQS	01-5030.00-1007	Decontaminate Your Skin and Personal Equipment
	01-5700.01-0001	Communicate on a Tactical Radio
	04-8310.00-3016	Adminster First Aid to a Nerve Agent Casualty (Buddy-Aid)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PREPARE FOR A FRIENDLY NUCLEAR STRIKE (03-3-C205.06-A001)
 (FM 2104/189) (FM 3-3) (FM 3-4)
 (FM 6-20-1) (FM 6-50) (FM 6-60)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery receives a STRIKEWARN message from the operations section with specific actions to be implemented. The battery is supporting tactical operations. Battalion OPORD and the unit SOP are available. NOTE: This task is always performed in MOPP 4. This task is always performed in MOPP4.

TASK STANDARDS: Preparations for a friendly nuclear strike are completed IAW unit SOP, applicable FMs and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Battery headquarters acknowledges warning. a. Authenticates the call. b. Transcribes message to hard copy with 100 percent accuracy. c. Acknowledges receipt by return message. * 2. Battery commander and leaders issue warning order. + a. Alerts assigned and attached subelements by most expedient means. b. Relays specific directed action by land lines or messengers. 3. Battery performs preparatory actions. + a. Covers foxholes and shelters. b. Places all externally stored equipment inside tents or shelters, if possible. c. Places vehicles and equipment on terrain that provides shielding. d. Covers all equipment, munitions, fuel, food, and water containers. e. Dons protective mask. f. Wears designated MOPP gear to minimize skin exposure. g. Zeroes dosimeters. h. Wears individual dosimeters (selected personnel). i. Disconnects nonessential electronic equipment. j. Ties down essential antennas. k. Disassembles nonessential antennas and antenna leads. l. Improves shelters and individual positions with consideration for blast, thermal, and radiation effects. m. Secures loose flammable or explosive items and water containers.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1018	REACT TO A NUCLEAR HAZARD
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
STP 21-24-SMCT	031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
	031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
	031-503-4003	CONTROL UNIT RADIATION EXPOSURE

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PREPARE FOR NUCLEAR ATTACK (03-3-C206.06-A005)

(FM 3-4)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(FM 3-3)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit receives notice that a nuclear attack is probable and that the unit must implement actions to minimize casualties and damage. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit hardens positions and secures equipment IAW applicable FMs and commanders guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The unit Commander issues warning order to subordinate elements. + 2. The unit begins defensive preparation for a nuclear attack as follows: + a. Places vehicles and equipment for best terrain shielding (hill masses, slopes, culverts, and depressions.) b. Turns off and disconnects nonessential electronic equipment IAW unit SOP. c. Ties down essential antennas. d. Takes down nonessential antennas and antenna leads IAW unit SOP or other guidance. e. Improves shelters with consideration for blast, thermal, and radiation effects. f. Zeros dosimeters. g. Secures loose, flammable, and explosive items and food and water containers. h. Personnel take cover in hardened shelters if available. i. Personnel use field expedient shelters. 3. The unit takes additional actions consistent with the tactical situation. + a. Continues periodic monitoring. b. Reports all dose rate and dosimeter readings to higher HQ.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
	031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
	031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
STP 21-II-MQS	O4-3303.02-0014	Prepare Platoon or Company Combat Orders
	O4-5030.00-2015	Supervise Radiation Monitoring
	O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack
STP 21-I-MQS	01-5700.01-0001	Communicate on a Tactical Radio
	04-3303.01-0020	Prepare Squad/Platoon Combat Orders

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CROSS A RADIOLOGICALLY CONTAMINATED AREA (03-3-C208.06-A006)
 (FM 3-3) (FM 3-4) (STP 21-1-SMCT)
 (STP 21-24-SMCT) (STP 21-II-MQS) (STP 21-I-MQS)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit receives orders to prepare for crossing a radiologically contaminated area. Approximate boundaries of the area are known or marked. This task is always performed in MOPP4.

TASK STANDARDS: The unit crosses the contaminated area by the shortest, fastest route available without receiving radiation casualties or spreading contamination IAW applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. The unit OIC/NCOIC prepares for the crossing. + a. Directs individuals who may be exposed to radioactive dust particles to cover their noses and mouths with handkerchiefs or clean rags, roll sleeves down, and wear gloves. b. Receives operational exposure guidance (OEG) from commander (turn back dose/turn back dose rate). c. Ensures radiac equipment operators check instruments. 2. The unit prepares for crossing. a. Identifies extra shielding requirements (for example, vehicles use sandbags on the floor). b. Places externally stored equipment inside or covers it with available material. c. Starts continuous monitoring. 3. The unit crosses the area. + a. Avoids stirring up dust. b. Keeps out of dust cloud by increasing the intervals and distances between vehicles. c. Conducts movement as rapidly as possible (tracked vehicles should be buttoned up). 4. The unit performs operational decontamination of personnel and equipment. + a. Checks for casualties. b. Reports casualties (if applicable). c. Conducts necessary decontamination. d. Evacuates casualties. e. Continues the mission.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
STP 21-24-SMCT	031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
	031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
	031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
	031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
STP 21-II-MQS	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-4003	CONTROL UNIT RADIATION EXPOSURE
	121-030-3534	REPORT CASUALTIES
STP 21-I-MQS	O4-5030.00-2015	Supervise Radiation Monitoring
	O4-5030.00-2019	Control Unit Radiation Exposure
STP 21-I-MQS	01-5700.01-0001	Communicate on a Tactical Radio

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR ATTACK (03-3-C222.06-A007)
 (FM 3-3) (FM 3-4) (STP 21-24-SMCT)
 (STP 21-II-MQS) (FM 3-100)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is located within a predicted fallout area. The unit mission does not allow movement from the predicted fallout area. This task is always performed in MOPP4.

TASK STANDARDS: The unit takes actions to minimize exposure to residual radiation IAW applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. UNIT OIC/NCOIC prepares for fallout as follows: + <ul style="list-style-type: none"> a. Ensures individuals cover their noses and mouths with handkerchiefs or clean rags, roll their sleeves down, and wear gloves. b. Covers equipment, munitions, POL, food, and water containers, or places them inside shelters or vehicles. c. Uses shelters, closed vehicles, or available shielding to protect personnel from fallout. d. Maintains continuous monitoring by using available survey instruments. 2. Designated personnel monitor fallout. + <ul style="list-style-type: none"> a. Maintain total dose information, using available total dose rate instruments. b. Ensure exposure is minimized while Commander determines if relocation to a clean area is necessary or possible. c. Calculate optimum time of exit. d. Send NBC 4 report to higher headquarters as required, using secure means of communication. * 3. Unit leader develops a contingency plan. + <ul style="list-style-type: none"> a. Uses guidance from higher HQ, on the mission, and on previous radiation exposure. b. Plans for rotation of individuals to minimize exposure. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
	031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
	031-503-2022	USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-4002	SUPERVISE UNIT PREPARATION FOR NBC ATTACK
STP 21-II-MQS	031-503-4003	CONTROL UNIT RADIATION EXPOSURE
	O4-5030.00-2015	Supervise Radiation Monitoring
	O4-5030.00-2017	Prepare for Nuclear, Biological, or Chemical Attack
	O4-5030.00-2019	Control Unit Radiation Exposure

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK (03-3-C223.06-A008)
 (FM 3-4) (STP 21-1-SMCT) (STP 21-24-SMCT)
 (STP 21-II-MQS) (STP 21-I-MQS) (FM 3-100)
 (FM 3-3)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit personnel observe a brilliant flash of light and a mushroom shaped cloud. This task is always performed in MOPP4.

TASK STANDARDS: Unit personnel take actions to minimize the exposure to the initial effects of a nuclear detonation IAW FMs, unit TSOP and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Unit personnel take immediate protective actions in response to a nuclear attack without warning. + <ol style="list-style-type: none"> a. Close eyes immediately. b. Drop to the ground in a prone position, with head toward blast, if possible.(if in the hatch of an armored vehicle, immediately drop down inside the track. c. Keep head and face down and helmet on. d. Remain down until the blast wave passes and all debris stops falling. 2. Unit personnel take immediate protective actions in response to a nuclear attack with warning. <ol style="list-style-type: none"> a. Identify the best available shelter (foxholes/ inside shelters). b. Move to the shelter. c. Take actions to protect themselves from the blast and radiation. d. Keep clothing loosely fitted with headgear on at all times. Protect eyes and minimizes exposed skin areas. 3. Leaders reorganize the unit. + <ol style="list-style-type: none"> a. Reestablish chain of command. b. Reestablish communications. c. Submit NBC 1 (Nuclear) report to higher headquarters. d. Treat casualties. e. Evacuate casualties. f. Report casualties. g. Evaluate facilities for protection from residual radiation. h. Implement continuous monitoring. i. Submit damage assessment to higher headquarters. j. Initiate area damage control plan as required. k. Extinguishes all fires before they spread out of control. 4. Squad leaders ensures weapon systems are operational. 5. Soldiers place vehicles right side up if overturned. <ol style="list-style-type: none"> a. Check loss of coolant, fuel, and battery fluids. b. Perform operators maintenance to restore moderately damaged vehicles to combat use. 6. All personnel improve cover (if applicable). <ol style="list-style-type: none"> a. Choose dense covering material. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Cover in depth. c. Provide strong support. d. Cover as much of the opening as practical.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title	
STP 21-1-SMCT	031-503-1018	REACT TO A NUCLEAR HAZARD	
	081-831-1005	PREVENT SHOCK	
	081-831-1007	GIVE FIRST AID FOR BURNS	
	081-831-1016	PUT ON A FIELD OR PRESSURE DRESSING	
	081-831-1017	PUT ON A TOURNIQUET	
	081-831-1025	APPLY A DRESSING TO AN OPEN ABDOMINAL WOUND	
	081-831-1033	APPLY A DRESSING TO AN OPEN HEAD WOUND	
	081-831-1034	SPLINT A SUSPECTED FRACTURE	
	STP 21-24-SMCT	031-503-2013	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM174-SERIES RADIACMETER
		031-503-2020	USE AND PERFORM OPERATOR MAINTENANCE ON THE IM93 OR IM147 DOSIMETER AND PP1578-SERIES CHARGER
031-503-2022		USE AND MAINTAIN THE AN/VDR-2 RADIAC SET	
031-503-3005		PREPARE AND SUBMIT NBC 1 REPORTS	
031-503-3006		SUPERVISE RADIATION MONITORING	
031-503-4003		CONTROL UNIT RADIATION EXPOSURE	
081-831-0101		REQUEST MEDICAL EVACUATION	
STP 21-II-MQS	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)	
	04-5030.00-2007	Supervise Unit Response to Nuclear Attack or Radiological Hazard	
	04-5030.00-2008	Prepare and Submit Nuclear, Biological, or Chemical 1 Report	
STP 21-I-MQS	04-5030.00-2015	Supervise Radiation Monitoring	
	01-5700.01-0001	Communicate on a Tactical Radio	
	01-5700.01-0002	Determine Call Signs, Frequencies, and Item Numbers	
	04-8310.00-3014	Give First Aid for Burns	

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CONDUCT OPERATIONAL DECONTAMINATION (03-3-C224.06-A009)
 (FM 3-5) (STP 21-1-SMCT) (STP 21-24-SMCT)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has conducted combat operations within an NBC contaminated area. Personnel are experiencing degraded combat effectiveness. MOPP gear is in danger of being penetrated by contamination and there is little time for planning. Time and the tactical situation permit the unit to conduct MOPP gear exchange and vehicle wash down. Site security is established. Replacement MOPP gear for each soldier, all organic equipment (such as NBC detection, decon, and marking materials; pioneer tools; communications equipment; vehicles and/or aircraft) and supplies, decon unit support, decon site and link up point locations have been established, and FM 3-5 are on hand/available. This task is always performed in MOPP4.

TASK STANDARDS: The unit decontaminates their individual gear, conducts the MOPP gear exchange (utilizing the buddy system) without sustaining additional casualties from NBC contamination. Limit the contamination transfer hazard by removing gross chemical contamination on equipment, and minimize contamination on soldiers IAW FM 3-5. Reduce radiological contamination to negligible risk levels IAW FM 3-5. Reduce chemical and biological contamination until it is safe to unmask.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Contaminated unit's leader determines extent of contamination and establishes decontamination priorities. + <ol style="list-style-type: none"> a. Receives input from staff. b. Establishes priorities of decontamination. 2. Contaminated unit submits request for decontamination to higher headquarters. Request should, as a minimum, include: + <ol style="list-style-type: none"> a. Location of the contaminated unit. b. Location of the contaminated unit. c. Frequency and call sign of the contaminated unit. d. Time the unit became contaminated. e. Number of vehicles/equipment, by type, that are contaminated. f. Type of contamination. g. Special requirements. (patient decon station, recovery assets, unit decon team, etc.) 3. Contaminated unit coordinates with higher headquarters. <ol style="list-style-type: none"> a. Obtains permission to conduct decontamination and obtain necessary support. b. Selects link up point to meet supporting units (company supply section, Power Driven Decon Equipment crew, etc.). c. Coordinates with supporting elements. d. Requests replacement MOPP gear. e. Coordinates with the supporting elements to see if they will conduct a MOPP Gear Exchange also. f. NOTE: Vehicle Wash down portion of Operational Decon usually uses hot soapy water. 4. The contaminated unit's leader and NBC personnel select a site to conduct the operation, ensuring the site selected provides the following: + 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>a. Adequate overhead concealment, Good drainage, Easy access and exit (but off the main routes), Is near a water source large enough to support the vehicle wash down, Is large enough to accommodate elements involved in the operational decontamination (100 square meters for both Vehicle Wash down and MOPP Gear Exchange sites).</p> <p>5. Contaminated unit's Tactical Operations Center coordinates for operational decon support (battalion PDDE and crew or decon squad).</p> <p>a. Requests operational decon support.</p> <p>b. Notifies higher headquarters of the area for the operational decon.</p> <p>c. Establishes communications with the decon element.</p> <p>d. Ensures that the decon element knows the locations of the link up and the selected decon site.</p> <p>6. Contaminated unit and supporting units move to decon site. +</p> <p>a. Meet at link up point as coordinated.</p> <p>b. Contaminated unit provides security at both link up point and decon site. WARNING. SUPER TROPICAL BLEACH (STB) CAN SPONTANEOUSLY IGNITE IF MIXED WITH DECONTAMINATING SOLUTION 2 (DS2) OR BLISTER AGENT.</p> <p>7. Units prepare for Operational Decontamination. +</p> <p>a. Set up the decon site.</p> <p>(1) Supporting PDDE crew sets up Vehicle Wash down site.</p> <p>(2) Contaminated unit sets up MOPP Gear Exchange site; no less than 50 meters upwind of the Vehicle Wash down site.</p> <p>(3) The remainder of the unit prepares its equipment for decon.</p> <p>b. Actions in Pre-Decon Area.</p> <p>(1) Vehicle crews (except for operators) dismount unless they have an operational overpressure system AND an uncontaminated interior.</p> <p>(2) Dismounted crews remove mud and camouflage from vehicles. The contaminated unit must provide personnel to do this if crews do not dismount.</p> <p>(3) Separate vehicles and dismounted crews.</p> <p>(a) Ensure vehicle operators are briefed (include use of overhead cover and concealment and the proper interval).</p> <p>(b) Ensure vehicles are buttoned up (all doors, hatches, and other openings are closed or covered).</p> <p>(4) Move vehicles, with operators, to the Vehicle Wash down site.</p> <p>(5) Move dismounted crews and all other soldiers in the contaminated unit, to the MOPP Gear Exchange site.</p> <p>8. NCOIC of the decon unit supervises operation of the Vehicle Wash down site, ensuring that: NOTE: Normally the PDDE crew runs the Vehicle Wash down.</p> <p>a. Vehicle commanders maintain the proper interval between vehicles while processing through the wash down station.</p> <p>b. Vehicles are washed properly.</p> <p>(1) Start at top and work down.</p> <p>(2) Spray hot soapy water for 2 to 3 minutes per vehicle.</p> <p>(3) Monitor water consumption.</p> <p>c. Vehicles move to Assembly Area after Vehicle Wash down.</p> <p>9. Contaminated unit conducts MOPP Gear Exchange.</p> <p>a. Prepares equipment decontamination station (with STB dry mix).</p> <p>b. Briefs MOPP Gear Exchange participants on procedures to be followed.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>c. Places decontaminated individual equipment on a clean surface (plastics, poncho, or other similar material).</p> <p>d. Exchange MOPP gear.</p> <p>e. Move soldiers to the Assembly Area after completion of MOPP Gear Exchange.</p> <p>NOTE: Ensure the supporting elements have had the opportunity to use the MOPP Gear Exchange before proceeding. NOTE: The supporting PDDE crew will clean and mark the site, and report the area of contamination (using NBC 4 Report) to higher headquarters.</p> <p>10. Ensure all personnel and equipment are accounted for after the completion of the Operational Decontamination.</p> <p>11. Commander reports to higher headquarters. +</p> <p>a. Completion and location of MOPP gear exchange.</p> <p>b. Requests permission to perform unmasking procedures if, through testing, the determination has been made that no agent is present.</p> <p>c. Determines the adequacy of decontamination and adjusts MOPP level as required (after obtaining approval from higher headquarters).</p> <p>12. Continues the mission.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1006	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN DRINKING FROM YOUR CANTEEN WHILE WEARING YOUR PROTECTIVE MASK
	031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
	031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1024	REPLACE CANISTER ON YOUR M40-SERIES PROTECTIVE MASK
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
	071-329-1000	Identify Topographic Symbols on a Military Map
	071-329-1001	Identify Terrain Features on a Map
	071-329-1002	Determine the Grid Coordinates of a Point on a Military Map
	071-329-1008	Measure Distance on a Map
	081-831-1031	ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)
	551-721-1352	Perform Vehicle Preventive Maintenance Checks and Services (PMCS)
STP 21-24-SMCT	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-3009	LEAD MOPP GEAR EXCHANGE
	031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
	031-507-3003	SUPERVISE HASTY DECONTAMINATION
	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
	850-001-4001	INTEGRATE RISK MANAGEMENT IN PLATOON MISSION

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CONDUCT CHEMICAL RECONNAISSANCE (03-3-C225.06-A010)

(FM 3-3)

(FM 3-6)

(FM 3-7)

(FM 3-8)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(FM 3-19)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The element is conducting operations in an area where chemical warfare has been initiated. The commander needs to determine the presence of chemical hazards in the area of operational concern. The reconnaissance element leader receives the mission that identifies priority areas. This task is always performed in MOPP4.

TASK STANDARDS: The reconnaissance element identifies, marks, and informs the battalion CP of the location of all chemical agents in the assigned reconnaissance area IAW unit SOP and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. The reconnaissance element leader issues guidance to subordinate leaders. 2. The recon element leader begins preparations for the chemical reconnaissance. <ul style="list-style-type: none"> + <ol style="list-style-type: none"> a. Performs map reconnaissance of the route and specific area for reconnaissance. b. Determines reconnaissance technique to use. c. Plans for decontamination following the reconnaissance operation. (if decon is necessary). d. Coordinates for fire support e. Briefs personnel on proper reporting and recording procedures. f. Issues Operation/FRAGO to subordinate leaders. 3. Recon element prepares for chemical reconnaissance mission. + <ol style="list-style-type: none"> a. Prepares vehicles/equipment for chemical reconnaissance. b. Performs precombat checks on vehicles/ equipment. c. Loads chemical agent detection equipment. d. Removes all external gear/equipment not needed or required for the mission. e. Attaches M9 paper to troops and vehicles. f. Covers exposed equipment with plastic or canvas. g. Covers internal area of vehicle for team members who dismount vehicle h. Assumes appropriate MOPP level for the reconnaissance mission. i. NOTE: In order to limit MOPP degradation, MOPP analysis must be used to determine a MOPP level appropriate for tactical movement to the mission start point. The platoon reconnaissance element leader determines the point at which the element assumes MOPP4. 4. Recon element conducts the chemical reconnaissance. + <ol style="list-style-type: none"> a. Uses proper movement techniques (IAW METT-TC). b. Uses chemical agent detection equipment and chemical agent detection paper to locate contamination around and within the designated area. c. Maintains 25 to 100 meters between vehicles across the axis of advance, depending on the terrain. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Stop vehicles at selected intervals or in areas with visual indications of a chemical attack to check for contamination. e. Checks the area for visual indications of chemical contamination: (1) Dead/dicolored vegetation (2) Discolored soil (3) Unusual liquid droplets (4) Oily film on water (5) Craters caused by bursting munitions (6) Absence of insect life (7) Dead animals/birds f. Marks contaminated area IAW OPORD/SOP instructions 5. Reconnaissance element leader submits NBC 4 chemical report of findings to higher headquarters. + 6. Reconnaissance element conducts the reconnaissance recovery operations. + a. Checks personnel and vehicles for contamination. b. Segregates contaminated personnel and equipment (if necessary). c. Coordinates for operational decontamination (if necessary). d. Moves to the preselected decontamination site(if necessary). e. Conducts operational decontamination (if necessary). f. Coordinates for reconstitution to include thorough decontamination (if applicable). 7. Reconnaissance element conducts reconnaissance recovery operations. a. Moves to the designated location or returns to higher headquarters for debriefing. b. Moves to the preselected decontamination site (if necessary).		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1008	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION WHILE ELIMINATING BODYWASTE WHEN WEARING MOPP4
	031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
	031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
	031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
	031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
	551-721-1352	Perform Vehicle Preventive Maintenance Checks and Services (PMCS)
STP 21-24-SMCT	031-503-2001	USE M256 OR M256A1 CHEMICAL AGENT DETECTOR KIT
	031-503-2004	PREPARE AND SUBMIT NBC 4 REPORTS
	031-503-3004	SUPERVISE THE CROSSING OF A CONTAMINATED AREA
	031-503-3005	PREPARE AND SUBMIT NBC 1 REPORTS
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	031-503-3009	LEAD MOPP GEAR EXCHANGE
	031-503-3010	SUPERVISE EMPLOYMENT OF NUCLEAR, BIOLOGICAL, OR CHEMICAL MARKERS
	031-507-3003	SUPERVISE HASTY DECONTAMINATION
	071-326-5626	PREPARE AN ORAL OPERATION ORDER
	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
STP 21-II-MQS	O4-3303.02-0014	Prepare Platoon or Company Combat Orders
	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
	O4-5030.00-2020	Supervise Nuclear, Biological, or Chemical Decontamination
	O4-5030.00-2022	Supervise Employment of Nuclear, Biological, or Chemical Markers

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-I-MQS	01-5030.00-1007	Decontaminate Your Skin and Personal Equipment
	01-5700.01-0001	Communicate on a Tactical Radio
	04-3303.01-0019	Use a Map Overlay
	04-3303.01-0020	Prepare Squad/Platoon Combat Orders
	04-3303.01-0034	Navigate Using a Map and Compass

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: CROSS CHEMICALLY CONTAMINATED AREA (03-3-C226.06-A011)
 (FM 3-3) (FM 3-4) (STP 21-1-SMCT)
 (STP 21-24-SMCT) (STP 21-II-MQS) (STP 21-1-SMCT)
 (STP 21-24-SMCT) (STP 21-II-MQS) (STP 21-I-MQS)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is enroute to a new location in support of combat operations. The designated route is established and cannot be bypassed without mission degradation. The unit is directed to cross the contaminated area. This task is always performed in MOPP4.

TASK STANDARDS: The element leader selects the contaminated area crossing, supervises the crossing and determines if decontamination is required IAW applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Element leader selects a route. + a. Uses NBC 5 (Chemical) report and/or recon reports to select a route. b. Selects route that minimizes exposure consistent with the mission. c. Obtains route clearance and approval. 2. Element prepares for crossing the area. + a. Assumes MOPP level 4 for crossing the area. b. Ensures all drivers, vehicle commanders, and leaders know route of march and/or have strip maps. c. Ensures vehicles are buttoned up (mounted movement). d. Places externally stored equipment inside or covers with available material. e. Attaches M9 detector paper to personnel and vehicles to provide warning of contamination. 3. Element crosses the area. + a. Avoids low ground, overhanging branches, and brush to the extent allowed by the tactical situation. b. Conducts dismounted movement, if necessary, as rapidly as possible. c. Crosses area as quickly and carefully as possible. 4. Element exits the contaminated area. + a. Checks for casualties. b. Reports casualties (if applicable). c. Conducts necessary decontamination. d. Continues the mission.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	031-503-1005	MAINTAIN YOUR M17-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT
	031-503-1011	MAINTAIN YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1014	IDENTIFY CHEMICAL AGENTS USING M8 DETECTOR PAPER
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1020	DETECT CHEMICAL AGENTS USING M9 DETECTOR PAPER
	031-503-1023	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WHEN CHANGING MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD
	031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD
	031-503-1033	DECONTAMINATE YOUR SKIN USING THE M291 SKIN DECONTAMINATING KIT (SDK)
	031-503-1034	DECONTAMINATE YOUR INDIVIDUAL EQUIPMENT USING THE M295 INDIVIDUAL EQUIPMENT DECONTAMINATION KIT (IEDK)
	071-326-0503	MOVE OVER, THROUGH, OR AROUND OBSTACLES (EXCEPT MINEFIELDS)
	071-329-1005	DETERMINE A LOCATION ON THE GROUND BY TERRAIN ASSOCIATION
	STP 21-24-SMCT	031-503-2001
031-503-2004		PREPARE AND SUBMIT NBC 4 REPORTS
031-503-2022		USE AND MAINTAIN THE AN/VDR-2 RADIAC SET
031-503-3004		SUPERVISE THE CROSSING OF A CONTAMINATED AREA
	031-503-3006	SUPERVISE RADIATION MONITORING
	031-503-3008	IMPLEMENT MISSION-ORIENTED PROTECTIVE POSTURE
	121-030-3534	REPORT CASUALTIES
STP 21-II-MQS	O4-5030.00-2013	Implement Mission-Oriented Protective Posture Based on Threat or Direction
STP 21-I-MQS	01-5030.00-1007	Decontaminate Your Skin and Personal Equipment

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	04-3306.01-0003	Move Over, Through, or Around Obstacles (Except Minefields)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: DEFEND AGAINST AMBUSH (06-2-A022)
(FM 6-50) (FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations. The unit or elements from the unit are conducting a tactical road march to a new position area. Enemy ground threat is high. The unit encounters an ambush along the route of march. The ambush may be blocked or unblocked. Primary/alternate routes and rally points have been identified and reconnoitered. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit neutralizes the enemy or breaks contact IAW convoy commander's orders.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. (BLOCKED AMBUSH) The convoy commander signals (voice or visual) the column that they are in a blocked ambush and directs the following: + <ul style="list-style-type: none"> a. Employs maximum fires on enemy ambush force. (Cannon units consider employing howitzers in direct fire role). b. Personnel in the kill zone dismount rapidly and attack as infantry, moving out of the kill zone as quickly as possible. 2. Personnel not in the kill zone react immediately and outflank the ambushing forces.		
* 3. Convoy commander requests and controls additional fire support and reports incident to higher HQ. + NOTE: If the roadblock cannot be neutralized, the unit must disengage under cover of supporting fires. Upon disengaging, the unit should meet at a designated rally point and then resume its march by using an alternate route.		
* 4. (UNBLOCKED AMBUSH) The convoy commander signals (voice or visual) the column that they are in an unblocked ambush and directs the following: <ul style="list-style-type: none"> a. The convoy increases speed. + b. Convoy personnel place maximum amount of fires on the attackers. + 		
* 5. Convoy commander requests and controls additional fire support and reports incident to higher HQ. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
	071-312-3031	ENGAGE TARGETS WITH AN M60 MACHINE GUN
	071-325-4407	EMPLOY HAND GRENADES
	071-326-0502	MOVE UNDER DIRECT FIRE
	071-326-0503	MOVE OVER, THROUGH, OR AROUND OBSTACLES (EXCEPT MINEFIELDS)
	071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
	551-721-1359	DRIVE VEHICLE IN A CONVOY
	551-721-1408	IMPLEMENT DEFENSIVE PROCEDURES WHEN UNDER ENEMY ATTACK OR AMBUSH IN A TRUCK CONVOY
STP 21-24-SMCT	071-326-3013	CONDUCT A TACTICAL ROAD MARCH
	551-721-3348	PERFORM DUTIES AS SERIAL/MARCH UNIT COMMANDER
	551-721-3352	DIRECT CONVOY DEFENSE OPERATIONS
	551-721-4326	PERFORM DUTIES AS CONVOY COMMANDER
STP 21-I-MQS	04-3305.01-0005	Engage targets with an M16A1 or M16A2 Rifle
	04-3305.01-0007	Employ Hand Grenades
	04-3305.01-0008	Engage Targets with M72A2
	04-3305.01-0009	Operate M60 Machine Gun
	04-3305.01-0010	Engage Targets with an M60 Machine Gun
	04-3305.01-0012	Operate an M249 Machine Gun
	04-3305.01-0013	Engage Targets with an M249 Machine Gun
	04-3306.01-0002	Move Under Direct Fire
04-3306.01-0003	Move Over, Through, or Around Obstacles (Except Minefields)	

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY
 BATTERY HEADQUARTERS

TASK: PLAN AND CONDUCT DEFENSE AND SECURITY OF THE BATTERY/PLATOON AREA AND MATERIAL (06-3-A000)
 (FM 6-50) (FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations. The enemy has the capability to attack by air, ground, or indirect fire. The unit has identified reaction teams and other special teams associated with defensive operations. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: BC/platoon leader plan(s), coordinates, and controls the establishment of the defense IAW TSOP, OPSEC, METT-TC and supporting FMs and TMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. BC/platoon leader plans the defense, while considering: Use of terrain, Defense in depth, Security, Priorities, Defense in all directions, Mutual support, Control and flexibility, Use of terrain. + * 2. BC/platoon leader plans, coordinates, and controls the establishment of the defense as follows: <ul style="list-style-type: none"> a. Analyzes the intelligence preparation of the battlefield (IPB). b. Develops an overall defense plan. c. Develops engagement areas based on avenues of approach. d. Conducts a terrain analysis of the position area and surrounding terrain to determine from where the enemy will attack. e. Establishes time line and defense priorities. f. Briefs key personnel on how he intends to defend the area. g. Designates personnel to destroy material IAW applicable TMs and ARs. h. Ensures adequate ED materials are available. i. Coordinates with adjacent maneuver forces for early warning of enemy attacks. * 3. The battery/platoon establishes a defense plan. The BC/platoon leader ensures the following: + <ul style="list-style-type: none"> a. Ensures use of all available resources (for example foliage and camouflage nets) to hide the unit from observation. b. Ensures unit personnel recognize warning signals and are familiar with the OPSEC portion of the TSOP. c. Ensures proper siting of electronic equipment to reduce signature. d. Disperses unit vehicles and sections to lessen vulnerability to attack. e. Determines locations for crew served weapons, antitank weapons, and OPs and LPs. f. OPs and LPs are occupied to provide early warning; ensures OPs and LPs have communications. Assign sectors of fire. g. Ensures enemy intrusions or observations are reported. h. Plans emplacement of obstacles. i. Prepares defense diagram depicting azimuths of fire for automatic weapons, final protective lines (FPLs), dead space, locations of antipersonnel mines, location of M8 alarms, locations of OPs and LPs, and locations of defense targets. Copy of diagram is forwarded to higher HQ. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>j. Coordinates additional fire support from adjacent units.</p> <p>k. Prevents unauthorized vehicles and personnel from entry into area.</p> <p>l. Positions crew served weapons to provide maximum effect.</p> <p>m. Conducts support operations to minimize the opportunity for detection.</p> <p>n. Keeps vehicle movement to a minimum in the main area. Track control procedures should prevent unusual traffic patterns.</p> <p>o. Maintains communications discipline. Uses lowest power setting level without reducing mission requirements.</p> <p>p. Rehearses the reaction force</p> <p>q. Establishes anti-armor teams.</p> <p>r. Ensures section chiefs prepare range cards for their respective weapons.</p> <p>s. Ensures section chiefs know location of and routes to alternate position. Establishes rally points.</p> <p>t. Coordinates with adjacent units for security assistance.</p> <p>4. Battery/platoon defends against ground attack (stationary) as follows. + NOTE: Merely sighting the enemy should not force the battery/platoon to disclose its position.</p> <p>a. Perimeter guards notify BOC/POC of approaching enemy.</p> <p>b. Cannon units employ howitzers in the direct fire mode.</p> <p>c. 1SG/platoon SGT deploys the reaction force to reinforce and restore the perimeter.</p> <p>d. BC/platoon leader notifies higher HQ.</p> <p>e. BC/platoon leader reports damage assessment and personnel losses as required.</p> <p>5. Battery/platoon defends against armored/mechanized attack as follows: Preferred defense against an armored/mechanized ground attack is for the unit to move. However, in some circumstances fighting an armored/mechanized ground force may be unavoidable. The following standards apply when an OPFOR armored threat is observed approaching the battery/platoon.</p> <p>a. BC/platoon leader requests permission to move.</p> <p>b. 1SG/platoon SGT employs armor-killer teams outside the unit area to attack tanks as early as feasible.</p> <p>c. Cannon units move howitzer to a supplementary position to engage armor.</p> <p>d. BC/platoon leader notifies higher HQ.</p> <p>Only under extreme circumstances should a battery/platoon engage enemy armor. First priority should be to displace to an alternate position.</p> <p>6. Battery/platoon defends area against an air attack (stationary) as follows: +</p> <p>a. BC/platoon leader briefs unit personnel on enemy situation and warns of possible air attack.</p> <p>b. Personnel sound air attack alarm if enemy aircraft are identified in vicinity of position.</p> <p>d. BC/platoon leader notifies higher HQ of situation and number and type of aircraft.</p> <p>e. BC/platoon leader reports damage assessment and personnel losses as required.</p> <p>NOTE: The battery/platoon is receiving indirect fire. The battery/platoon may receive either of two immediate action status messages--stay in position or move to alternate position. Appropriate actions must be taken depending on status received and nature and extent of indirect fires received.</p> <p>7. Battery/platoon implements stay in position immediate action status as follows: +</p> <p>a. Section chiefs harden positions (sandbagging, digging in, etc.) when possible.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>b. Continues providing fire support from current position. c. BC/platoon leader notifies higher HQ of the attack. c. BC/platoon leader ensures vehicles, equipment, and personnel are dispersed and in protective positions. Use concentrated small arms fire to provide air defense. d. Medics and combat lifesavers treat and evacuate casualties as soon as possible. e. Crater Analysis Team conducts crater analysis and submits shelling reports (SHELREPs) to higher HQ as soon as possible after attack. f. BC/platoon leader inspects the alternate position(s) for indirect fire damage.</p> <p>NOTE: In the conduct of a hasty displacement, survival and continued ability to accomplish the unit mission are in balance. Consequently, all efforts must be directed toward quickly displacing. Items such as tentage, camouflage nets, and wire are left in position and recovered when the hostile fire ceases.</p> <p>8. The battery/platoon implements move to alternate position immediate action status as follows: + a. BC/platoon leader issues the order (visual or vocal) to move to the alternate position. b. Battery/platoon displaces all elements within the time allotted in the unit SOP.</p> <p>Time starts when order is given, Time stops when last element is moving. c. BC/platoon leader maintains communications with higher HQ. d. BC reports shelling and requests immediate counterfire.</p> <p>* 9. BC/platoon leader reorganizes after an attack as follows: a. Reorganizes as quickly as possible to enable the mission to continue. b. Reestablishes a perimeter defense and security measures. c. Evacuates or treats casualties as required. d. Assessed damage to equipment and supplies. e. Adjusts loads to accommodate for vehicle losses. f. Notifies higher HQ of situation.</p> <p>10. The battery/platoon defends and secures unit equipment and material against enemy use as follows: a. BC/platoon leader issues orders for destruction. b. Destroys by priority IAW TSOP.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
	071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	071-312-3003	LAY AN M60 MACHINE GUN USING FIELD EXPEDIENTS
	071-312-3007	PREPARE A RANGE CARD FOR AN M60 MACHINE GUN
	071-312-3027	LOAD AN M60 MACHINE GUN
	071-312-3031	ENGAGE TARGETS WITH AN M60 MACHINE GUN
	071-325-4425	EMPLOY AN M18A1 CLAYMORE MINE
	071-326-0513	SELECT TEMPORARY FIGHTING POSITIONS
	071-331-0801	CHALLENGE PERSONS ENTERING YOUR AREA
	071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
	071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
	071-331-0852	CLEAR A FIELD OF FIRE
	181-906-1505	CONDUCT COMBAT OPERATIONS ACCORDING TO THE LAW OF WAR
	551-721-1408	IMPLEMENT DEFENSIVE PROCEDURES WHEN UNDER ENEMY ATTACK OR AMBUSH IN A TRUCK CONVOY
STP 21-24-SMCT	071-326-5705	ESTABLISH AN OBSERVATION POST
	071-326-5770	PREPARE A PLATOON SECTOR SKETCH
	071-326-5775	COORDINATE WITH AN ADJACENT PLATOON
	071-329-1019	USE A MAP OVERLAY
	081-831-0101	REQUEST MEDICAL EVACUATION
	441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT
	441-091-3001	DIRECT UNIT AIR DEFENSE
STP 21-I-MQS	01-5700.01-0001	Communicate on a Tactical Radio
	04-3301.01-0013	Defend a Squad/Platoon Position
	04-3303.01-0019	Use a Map Overlay
	04-3305.01-0005	Engage targets with an M16A1 or M16A2 Rifle
	04-3305.01-0006	Employ M18A1 Claymore
	04-3305.01-0009	Operate M60 Machine Gun
	04-3305.01-0010	Engage Targets with an M60 Machine Gun
	04-3305.01-0011	Prepare a Range Card for an M60 Machine Gun
	04-3305.01-0012	Operate an M249 Machine Gun
	04-3305.01-0013	Engage Targets with an M249 Machine Gun
	04-3306.01-0006	Use Challenge and Password
	04-3301.02-0012	Defend a Platoon Position
STP 6-13B1-SM	071-022-0003	Operate a Caliber .50 M2 Machine Gun
	071-312-3004	Construct a Fighting Position for an M60 Machine Gun
	071-313-3455	Set Headspace and Timing on a Caliber .50 Machine Gun
STP 6-13B24-SM-TG	061-306-6004	Perform Crater and Shell Fragment Analysis
	061-306-6005	Prepare and/or Submit Standard Shelling, Mortaring, and Bombing Report
STP 92Y1-SM	101-521-1163	Prepare and Maintain a Document Register

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM ANTIARMOR OPERATIONS (06-5-A002)
(FM 6-50) (FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations. Enemy forces in the area of operations have a significant armor capability. The battery has been issued anti-armor weapons and anti-armor mines. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: BC/1SG identifies team members to conduct armor killer operations and ensures anti-armor defenses are established.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. BC/1SG selects anti-armor weapon positions and kill zones as follows: +</p> <ul style="list-style-type: none"> a. Locates kill zones and anti-armor positions outside the battery area. b. Selects kill zones within optimum range of anti-armor weapons. c. Provides for flanking fires on armor avenues of approach. d. Ensures positions provide a covered and concealed entrance and exit. e. Selects a series of positions to allow team to move after firing. <p>2. Armor killer teams acquire and engage enemy as follows:</p> <ul style="list-style-type: none"> a. Maintain continuous observation of the assigned sector by using overall search and overlapping 50-meter search techniques. b. Detect potential targets entering the assigned sector. c. Identify approaching targets as friend or foe. d. Report to the battery by using size, activity, location, unit, time, and equipment (SALUTE) e. Engage enemy armor continuously by alternate firing and mutual support. Fire only once from each position. Fire weapons in pairs and in sequence to improve probability of kill. f. Report if displacement is required. g. Cover withdrawal with smoke, if required. h. Move along previously reconnoitered routes. i. Ensure the withdrawal does not lead the enemy to the alternate or battery position. j. Provide the battery with a SITREP upon occupying an alternate position or returning to the battery. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
	071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
	071-311-2029	CORRECT MALFUNCTIONS OF AN M16A1 OR M16A2 RIFLE
	071-325-4407	EMPLOY HAND GRENADES
	071-326-5703	CONSTRUCT INDIVIDUAL FIGHTING POSITIONS
	071-331-0815	PRACTICE NOISE, LIGHT, AND LITTER DISCIPLINE
STP 21-24-SMCT	071-331-0852	CLEAR A FIELD OF FIRE
	061-283-6003	ADJUST INDIRECT FIRE

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM DESTRUCTION OF MATERIAL AND RECORDS (06-5-A003)
 (FM 5-250) (FM 6-50) (FM 9-13)
 (TB 380-41 (O))

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery has received orders from higher HQ to destroy equipment and materiel. High explosives, detonation cord, fuses, and an ED kit are available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Documents and equipment are destroyed IAW the priorities established in the TSOP and STANAG 2113. The unit uses any means necessary to perform the destruction.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>1. Battery performs destruction of tactical wheeled vehicles as follows: +</p> <ul style="list-style-type: none"> a. Smashes all vital components with axes and hammers, and slashes vehicles tires. b. Drains the engine oil and coolant, and runs the engine at full throttle until it seizes. c. Removes fuel tank drain plug. d. Pours oil/fuel over entire vehicle, and ignites vehicle from a safe distance with an incendiary grenade or by other means. <p>2. Battery performs destruction of weapons and track vehicles as follows: +</p> <ul style="list-style-type: none"> a. Removes or drains fire extinguishers. b. Smashes all vital components with axes and hammers. c. Renders weapon systems useless by destroying key operating components. d. Uses demolition charges to destroy equipment and ammunition. <ul style="list-style-type: none"> (1) Places charges on ammunition. (2) Determines safe distance when firing explosives. (3) Constructs detonating cord systems (line/ring/main). (4) Primes explosives nonelectrically. (5) Constructs a nonelectrical initiating/detonating assembly. (6) Installs dual firing systems. <p>3. Battery performs destruction of records. Shreds or burns all documents and records. +</p> <p>4. Battery performs destruction of communications-electronics (C-E) material and records. The team performs the following: +</p> <ul style="list-style-type: none"> a. Destroys keying material IAW (C)TB 380-41 before destruction of other classified documents and material or equal classification. b. Ensures material is destroyed in the proper order. c. Ensures destruction of the most sensitive material rather than partial destruction of all the material. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

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SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES
STP 6-13M14-SM-TG	061-310-8002	Perform Emergency Destruction Procedures on MLRS Ammunition
	061-310-8009	Perform Hangfire Procedures on the M270
	061-310-8014	Implement Emergency Destruction of MLRS Ammunition
STP 6-13P14-SM-TG	061-310-8015	Direct Hangfire Procedures on the M270
	061-287-5023	Advice Supported Unit of MLRS Capabilities and Limitations.
	061-287-5024	Disseminate Fire Support Information to Lower, and Higher Field Artillery Elements.

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: TREAT CASUALTIES (08-2-0003.06-A001)

(FM 21-11)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-I-MQS)

(STP 8-91B15-SM-TG)

(AR 600-8-1)

(FM 3-4)

(FM 3-5)

(FM 8-10-6)

(FM 8-230)

(FM 8-285)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has sustained casualties. The unit has no organic medical treatment personnel. Threat force contact has been broken. Soldiers are wounded and may have chemical contamination or non-battle injuries. Some unit members are assigned the additional duty of combat lifesavers. Unit members are performing first aid (self-aid/buddy aid) treatment and combat lifesavers are providing enhanced first aid treatment until medical treatment personnel arrive. This task is performed simultaneously with other reorganization tasks. Higher HQ TSOP and OPORD are available. SCPE is on hand and/or field expedient and natural shelters are available. NOTE: This task should not be trained in MOPP4 except when treating NBC casualties. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit members provide first aid treatment for casualties IAW commander's treatment plan, FM 21-11, FM 8-285, and combat lifesaver certification standards. At MOPP level 4, performance degradation factors increase the time required to provide treatment and limits the type of treatment provided.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Commander and leaders supervise first aid treatment of casualties.</p> <ul style="list-style-type: none"> a. Develops treatment plan. b. Monitors treatment for compliance with FM 21-11 and ensures all casualties are treated. c. Directs employment of combat lifesavers to treat casualties. d. Reports casualties, as required. e. Coordinates replenishment of class VIII supplies IAW TSOP. f. Directs distribution of class VIII supplies and equipment IAW TSOP. g. Enforces quality control procedures for class VIII items. <p>2. Unit personnel survey casualties. +</p> <ul style="list-style-type: none"> a. Check for responsiveness. b. Check for breathing. c. Check for bleeding. d. Check for head injury. e. Check for shock. f. Check for fractures to include cervical spine and back fractures. g. Check for burns. <p>3. Unit personnel administer lifesaving first aid treatment. +</p> <ul style="list-style-type: none"> a. Clear all objects from throat of casualty. b. Use jaw thrust method to open airway if cervical spine injury is suspected. c. Perform mouth-to-mouth resuscitation to restore casualty's breathing IAW CPR procedures. <p>4. Unit personnel control hemorrhaging.</p> <ul style="list-style-type: none"> a. Apply manual direct pressure to wound. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> b. Elevate extremities. c. Apply pressure dressing to wound. d. Apply dressing and bandages. e. Apply tourniquet as last resort. <p>5. Unit personnel dress wounds.</p> <ul style="list-style-type: none"> a. Apply occlusive dressing to an open chest wound, if possible. b. Apply dressing to open abdominal wound. c. Apply dressing to open head wound. <p>6. Unit personnel splint suspected fractures.</p> <ul style="list-style-type: none"> a. Employ available materials to splint injury. b. Splint fractures in position found. c. Restrict movement of extremities. d. Check circulation for impairment. <p>7. Unit personnel provide first aid treatment to casualties with burns.</p> <ul style="list-style-type: none"> a. Extinguish thermal burn agents. b. Remove chemical burn agents. c. Eliminate electrical burn source. d. Uncover burn unless stuck to clothing or a chemical environment exists. e. Apply field dressing, if appropriate. <p>8. Unit personnel provide first aid treatment for environmental injuries. +</p> <ul style="list-style-type: none"> a. Administer first aid for heat injuries. b. Administer first aid for frostbite. <p>9. Unit personnel provide first aid treatment for chemical casualties.</p> <ul style="list-style-type: none"> a. Take immediate protective steps to protect self and warn others IAW FM 8-285. b. Protect casualty from further contamination. c. Administer nerve agent antidote IAW FM 21-11 and FM 8-285. d. Decontaminate casualty IAW FM 3-5, if necessary. e. Administer CANA, if required. <p>10. Unit personnel prevent shock.</p> <ul style="list-style-type: none"> a. Position casualty in the correct anti-shock position IAW FM 21-11. b. Loosen clothing and equipment. c. Prevent casualty from chilling or overheating. d. Calm casualty by reassuring him. <p>11. Combat lifesavers perform enhanced first aid treatment. +</p> <ul style="list-style-type: none"> a. Evaluate a casualty for condition and type treatment needed. b. Measure casualty's vital signs. c. Insert oropharyngeal airway in an unconscious casualty. d. Apply a splint to a fractured limb. e. Administer first aid to chemical agent casualties. f. Initiate an intravenous infusion for hypovolemic shock. g. Identify environmental injuries. h. Treat environmental injuries. i. Manage battle fatigue casualties. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	081-831-1000	EVALUATE A CASUALTY
	081-831-1003	CLEAR AN OBJECT FROM THE THROAT OF A CONSCIOUS CASUALTY
	081-831-1005	PREVENT SHOCK
	081-831-1007	GIVE FIRST AID FOR BURNS
	081-831-1008	GIVE FIRST AID FOR HEAT INJURIES
	081-831-1009	GIVE FIRST AID FOR FROSTBITE
	081-831-1016	PUT ON A FIELD OR PRESSURE DRESSING
	081-831-1017	PUT ON A TOURNIQUET
	081-831-1025	APPLY A DRESSING TO AN OPEN ABDOMINAL WOUND
	081-831-1026	APPLY A DRESSING TO AN OPEN CHEST WOUND
	081-831-1031	ADMINISTER FIRST AID TO A NERVE AGENT CASUALTY (BUDDY-AID)
	081-831-1033	APPLY A DRESSING TO AN OPEN HEAD WOUND
	081-831-1034	SPLINT A SUSPECTED FRACTURE
	081-831-1042	PERFORM MOUTH-TO-MOUTH RESUSCITATION
STP 21-I-MQS	04-8310.00-3007	Evaluate a Casualty
	04-8310.00-3008	Clear an Object from the Throat of a Conscious Casualty
	04-8310.00-3009	Perform Mouth-to-Mouth Resuscitation
	04-8310.00-3010	Put on a Field or Pressure Dressing
	04-8310.00-3011	Put on a Tourniquet
	04-8310.00-3012	Prevent Shock
	04-8310.00-3013	Splint a Suspected Fracture
	04-8310.00-3014	Give First Aid for Burns
	04-8310.00-3016	Administer First Aid to a Nerve Agent Casualty (Buddy-Aid)
	04-8310.00-3018	Give First Aid for Frostbite
04-8310.00-3020	Give First Aid for Heat Injuries	
04-8310.00-3024	Apply a Dressing to an Open Chest Wound	
04-8310.00-3025	Apply a Dressing to an Open Head Wound	
04-8310.00-3026	Apply a Dressing to an Open Abdominal Wound	
STP 8-91B15-SM-TG	081-831-0010	MEASURE A PATIENT'S RESPIRATIONS
	081-831-0011	MEASURE A PATIENT'S PULSE
	081-831-0012	MEASURE A PATIENT'S BLOOD PRESSURE
	081-831-0013	MEASURE A PATIENT'S TEMPERATURE
	081-831-0033	INITIATE A FIELD MEDICAL CARD
	081-831-0038	TREAT A CASUALTY FOR A HEAT INJURY

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	081-831-0039	TREAT A CASUALTY FOR A COLD INJURY
	081-833-0015	SURVEY A CASUALTY

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: TRANSPORT CASUALTIES (08-2-C316.06-A006)

(FM 8-10-6)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-II-MQS)

(STP 21-I-MQS)

(AR 600-8-1)

(FM 100-5)

(FM 12-6)

(FM 21-11)

(FM 3-4)

(FM 3-5)

(FM 57-38)

(FM 8-285)

(FM 8-55)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit personnel are wounded and some may be chemically contaminated. Threat force contact has been broken. Unit defenses have been reorganized. Casualties are transported from defensive positions to designated casualty collection points. All methods of transport are employed. Some wounded EPW casualties may require transport. This task is performed simultaneously with other reorganization tasks. The TSOP and higher HQ OPORD are available. SCPE is on hand and/or field expedient and natural shelters are available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Casualties are transported as soon as tactical situation permits IAW the TSOP, OPORD, the provisions of the Geneva Conventions, and FM 8-10-6. At MOPP level 4, performance degradation factors increases the time required to transport casualties.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Commander and leaders supervise transport of casualties.</p> <ul style="list-style-type: none"> a. Identifies casualty collection points. b. Identifies evacuation requirements. c. Supervises preparation of casualties for evacuation. d. Coordinates evacuation of casualties from the unit area with higher HQ staff element IAW TSOP and FM 8-10-6. e. Coordinates security requirements for the pickup site with the supporting unit and/or higher HQ staff element. f. Disseminates evacuation information to battery/platoon personnel. g. Forwards casualty feeder report and witness statements to the supporting unit and/or higher HQ staff element.. <p>2. Unit personnel prepare casualties for evacuation. +</p> <p>NOTE: See task 8-2-003 for detailed treatment procedures.</p> <ul style="list-style-type: none"> a. Treat casualties. b. Report casualties as required. c. Collect classified documents such as SOI/SSI, maps, overlays, and key lists. d. Secure custody of organizational equipment IAW the TSOP. e. Forward casualty feeder reports to unit HQ (BC/platoon leader). <p>3. Personnel transport casualties to casualty collection points by using manual carries.</p> <ul style="list-style-type: none"> a. Select type of manual carry appropriate to situation and injury. b. Transport casualty without causing further injury. <p>4. Unit personnel transport casualties to casualty collection points using litter carries.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> a. Identify litter teams. b. Construct improvised litter from available material as required. c. Secure casualty on litter. d. Transport casualty without causing further injury. <p>5. Unit personnel transport casualties to an MTF using available vehicles.</p> <ul style="list-style-type: none"> a. Load maximum number of casualties IAW FM 8-10-6. b. Secure casualties in vehicle. c. Transport casualties without causing further injury. <p>* 6. Commander and leaders request aeromedical evacuation. +</p> <ul style="list-style-type: none"> a. Transmits request IAW OPORD, TSOP, and FM 8-10-6. b. Selects landing site which provides sufficient space for helicopter hover, landing, and takeoff IAW FM 8-10-6 and FM 57-38. c. Supervises removal of all dangerous objects likely to be blown about prior to aircraft arrival. d. Supervises security of landing site IAW the TSOP. <p>7. Unit personnel assist in loading ambulance.</p> <ul style="list-style-type: none"> a. Employ proper carrying and loading techniques. b. Load casualties in the sequence directed by the crew. c. Load casualties without causing unnecessary discomfort. d. Employ all safety procedures IAW AR 385-10 and TSOP. e. Employ safety environmental stewardship procedures. <p>8. Unit personnel evacuate chemically contaminated casualties. +</p> <ul style="list-style-type: none"> a. Assume MOPP4. b. Mark contaminated casualties IAW the TSOP. c. Notify supporting MFT that contaminated casualties are en route to their location. d. Transport casualties directly to a designated decontamination and treatment station. e. Protect casualties from further contamination during transport. <p>9. Unit personnel transport EPW casualties.</p> <ul style="list-style-type: none"> a. Maintain security of EPW casualties IAW the TSOP. b. Search EPW casualties for weapons and ordnance prior to evacuation. c. Transport EPW casualties IAW the provisions of the Geneva Convention and the TSOP. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title	
STP 21-1-SMCT	031-503-1004	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M17-SERIES PROTECTIVE MASK WITH HOOD	
	031-503-1007	DECONTAMINATE YOUR SKIN AND PERSONAL EQUIPMENT USING AN M258A1 DECONTAMINATION KIT	
	031-503-1012	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/CONTAMINATION USING YOUR M24 OR M25-SERIES PROTECTIVE MASK WITH HOOD	
	031-503-1015	PROTECT YOURSELF FROM NBC INJURY/CONTAMINATION WITH MISSION-ORIENTED PROTECTIVE POSTURE (MOPP) GEAR	
	031-503-1025	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M40-SERIES PROTECTIVE MASK WITH HOOD	
	031-503-1028	PROTECT YOURSELF FROM CHEMICAL AND BIOLOGICAL INJURY/ CONTAMINATION USING YOUR M42 PROTECTIVE MASK WITH HOOD	
	081-831-1040	TRANSPORT A CASUALTY USING A ONE-MAN CARRY	
	081-831-1041	TRANSPORT A CASUALTY USING A TWO-MAN CARRY OR AN IMPROVISED LITTER	
	STP 21-24-SMCT	081-831-0101	REQUEST MEDICAL EVACUATION
	STP 21-I-MQS	121-030-3534	REPORT CASUALTIES
01-5030.00-1004		Use Your M17-Series Protective Mask with Hood	
04-8310.00-3016		Administer First Aid to a Nerve Agent Casualty (Buddy-Aid)	
04-8310.00-3027		Transport a Casualty Using a One-Man Carry	
	04-8310.00-3028	Transport a Casualty Using a Two-Man Carry or an Improvised Litter	

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM FIELD SANITATION FUNCTIONS (08-2-R315.06-A007)
 (FM 21-10) (STP 21-24-SMCT) (STP 21-II-MQS)
 (AR 385-10) (AR 40-5) (FM 10-52)
 (FM 21-10-1) (FM 3-4) (FM 3-5)
 (FM 8-10)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Health hazards exist, which require field sanitation measures. The unit is in the field without permanent sanitation or water facilities. The commander has selected and trained the unit FST. The CHS plan, TSOP, and higher HQ OPOrd are available. All required sanitation equipment is available. Field sanitation measures are continuous and are performed simultaneously with other operational tasks. SCPE is on hand and/or field expedient and natural shelters are available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Field sanitation measures are accomplished IAW the TSOP, OPOrd, and FM 21-10. FST performs field sanitation measures IAW the TSOP, FM 21-10, and commander's guidance. At MOPP level 4, only minimum essential field sanitation activities are performed.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs field sanitation measures. <ul style="list-style-type: none"> a. Directs field sanitation activities to counter the health threat. b. Monitors field sanitation activities for compliance with TSOP and FM 21-10. c. Enforces individual field sanitation measures. d. Requests assistance from supporting preventive medicine element for sanitation problems that are beyond the expertise of the unit's FST IAW the TSOP and OPOrd. e. Corrects field sanitation deficiencies. f. Reports field sanitation deficiencies which cannot be corrected by unit personnel to the FST. g. Enforces safety procedures IAW AR 385-10, the TSOP, and commander's guidance. h. Enforces safety environmental stewardship procedures. 2. FST supervises unit field sanitation activities. <ul style="list-style-type: none"> a. Maintains field sanitation basic load IAW AR 40-5 and FM 21-10-1. b. Supervises distribution of field sanitation basic load items IAW AR 40-5 and FM 21-10-1. c. Tests unit water supply for required chlorine residual level IAW FM 21-10-1 and the TSOP. d. Monitors personnel to ensure use of personal protective measures against arthropods (skin, clothing, and bed net repellent) and rodents IAW applicable directives and commander's guidance. e. Conducts rodent surveys, as required. f. Monitors personnel for employment of correct hygiene measures. g. Monitors waste facilities and procedures for compliance with AR 40-5, FM 21-10-1, and the TSOP, as required. h. Inspects latrines and urinals IAW FM 21-10-1 and the TSOP. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> i. Inspects liquid and solid waste disposal facilities to ensure compliance with AR 40-5, FM 21-10-1, and the TSOP. j. Inspects hand washing devices IAW FM 21-10-1 and the TSOP. k. Inspects transport, storage, preparation, and service of food for compliance with FM 21-10-1 and the TSOP. l. Provide advice, recommendations, and training requirements to the commander. m. Enforces safety procedures IAW 385-10, the TSOP, and the commander's guidance. n. Enforces safety environmental stewardship procedures. <p>3. Unit elements employ field sanitation measures. +</p> <ul style="list-style-type: none"> a. Maintain prescribed load of water purification materials IAW AR 40-5, FM 21-10, and the TSOP. b. Prepare non potable water for personal use IAW FM 21-10 and the TSOP. c. Consume only water designated as potable. d. Maintain latrines and hand washing facilities IAW FM 21-10 and the TSOP. e. Employ preventive measures against cold and heat injuries. f. Employ personal hygiene measures. g. Employ preventive measures against arthropod and rodent infestation, to include using skin, clothing, and bed net repellent. h. Employ safety procedures IAW AR 385-10, the TSOP, and commander's guidance. i. Employ safety environmental stewardship procedures. j. Report field sanitation deficiencies to the FST. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	081-831-0102	SUPERVISE UNIT PREVENTIVE MEDICINE AND FIELD SANITATION PROCEDURES
	850-001-4001	INTEGRATE RISK MANAGEMENT IN PLATOON MISSION
STP 21-II-MQS	04-8310.00-3019	Protect Yourself Against Heat
	03-8310.00-9000	Supervise Unit Preventive Medicine and Field Sanitation Procedures
	03-9003.03-0001	Supervise the Management of Accident Risk in Unit Operations
STP 21-I-MQS	03-8310.00-3021	Protect Yourself Against Biting Insects
	03-8310.00-3022	Protect Yourself Against Diarrhea and Dysentery
	03-8310.00-3023	Practice Personal Hygiene to Maintain Fitness
	04-8310.00-3017	Protect Yourself Against Cold

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY HEADQUARTERS

TASK: REDUCE BATTLEFIELD STRESS (12-1-C401.06-A000)
 (FM 26-2) (FM 22-9)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has performed its combat mission on a continuous or near continuous basis over a prolonged period of time. The unit commander directs that battlefield stress procedures be implemented. This task should not be trained in MOPP4.

TASK STANDARDS: Unit leaders develop and implement stress reduction plans (cross training, task rotation, stress management, sleep discipline, and soldier information measures etc) IAW applicable supporting products and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The battalion/battery commander and staff ensure that soldiers are kept informed as follows: + <ul style="list-style-type: none"> a. Issue warning orders, OPORDs, and FRAGOs to the lowest possible level. b. Ensure that soldiers have an accurate assessment of the friendly and enemy situations. c. Inform the soldiers of leader's intentions. d. Speak positively concerning the unit mission, purpose, and abilities. e. Encourage a positive attitude throughout the unit. f. Quell and prevent rumors. * 2. The battalion/battery commander and staff implement unit sleep plan as follows: + <ul style="list-style-type: none"> a. Provide safe and secure areas for sleep that are away from vehicles and noisy activities. b. Provide an opportunity for a maximum number of soldiers to sleep or rest. c. Provide time and specify time for leaders to sleep or rest. d. Adjust sleep plan to the tactical situation. * 3. The battalion staff implements task rotation and restructuring procedures as follows: + <ul style="list-style-type: none"> a. Directs cross training on critical tasks. b. Plans rotation of soldiers between demanding and nondemanding tasks. c. Adjusts task rotation/restructuring plan to the tactical situation. * 4. The battalion/battery commander and staff implement stress coping and management techniques as follows: + <ul style="list-style-type: none"> a. Ensure that units implement a buddy system to observe signs of stress or battle fatigue among soldiers and leaders. b. Direct soldiers' relaxation techniques prior to deployment. c. Reintegrate returned-to-duty, stressed, or battle fatigued soldiers into the unit. * 5. The battalion/battery commander and staff implement treatment techniques. They will do the following: + <ul style="list-style-type: none"> a. Develop a plan to deal with mild, seriously stressed soldiers, or battle fatigue cases. b. Assign simple tasks to soldiers who show signs of stress or battle fatigue. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Encourage leaders to be supportive of soldiers suffering from stress or battle fatigue. d. Move stressed or battle fatigued soldiers who show no signs of improvement to unit trains or medical facilities. e. Refer soldiers for medical evaluation who have serious signs of stress or battle fatigue.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-I-MQS	S3-9001.18-0001	Manage Organizational Stress
	S3-9001.18-0002	Minimize Combat Stress
STP 6-13II-MQS	01-2999.99-0600	Command a Battery

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: HANDLE ENEMY PRISONERS OF WAR (19-2-C702.06-A000)
(FM 19-40)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Enemy soldiers surrendered or were captured. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The capturing element takes charge of and evacuates EPW IAW unit SOP and the 5 Ss and T (search, silence, segregate, speed, safeguard, and tag).

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. The element searches EPW. + <ol style="list-style-type: none"> a. Remove all weapons and documents. b. Return personal items of no military intelligence value. c. Give a written receipt for personal property to the prisoner from whom it was taken. d. Tag each EPW and each item removed from him with necessary information to include: (1) Date/time of capture. (2) Place of capture (grid coordinates). (3) Capturing unit. (4) Circumstances of capture. 2. The element segregates EPW. + <ol style="list-style-type: none"> a. Segregate EPWs by rank, sex, deserters, civilians, nationality, and ideology. b. Turn wounded EPWs over to medical personnel for evacuation through medical channels. 3. The element silences EPW. + <ol style="list-style-type: none"> a. Prevent EPW leaders from giving orders. b. Prevent EPWs from planning escape. c. Do not talk in front of EPWs except to issue orders and maintain discipline. 4. The element tags the EPW with DA Form 5976 (Enemy Prisoner of War Capture Tag). + <ol style="list-style-type: none"> a. Annotates the following information: (1) Date and time of capture. (2) Capturing unit. (3) Grid coordinates of capture. (4) Circumstance of capture. b. Attaches Part A to EPW. c. Retains Part B for unit records. d. Attaches Part C to property. 5. The element speeds EPW to the rear. + <ol style="list-style-type: none"> a. Platoon leader/platoon sergeant notifies executive officer (XO)/first sergeant (1SG) that EPWs have been captured. b. Remove EPWs rapidly to the rear per unit SOP. c. Exploit intelligence information. 6. The element safeguards EPW. + <ol style="list-style-type: none"> a. Remove EPWs from the dangers of the battlefield. b. Do not allow anyone to abuse EPWs. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Treat EPWs humanely.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	191-377-5250	HANDLE ENEMY PERSONNEL AND EQUIPMENT

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: USE PASSIVE AIR DEFENSE MEASURES (44-1-C220.06-A000)
(FM 44-8)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The Unit is in a tactical position. Hostile aerial platforms (rotary-wing, fixed-wing, UAVs) have been operating in the general area. Unit weapon control status is WEAPONS HOLD. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit uses passive air defense measures IAW FM 44-8, unit TSOP and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The unit uses passive air defense measures in a tactical position. + <ul style="list-style-type: none"> a. Uses all available resources (camouflage, cover, concealment, dispersion, and so forth) to hide personnel and equipment to limit their vulnerability. Air situational awareness is achieved by unit monitoring the SHTUs. b. Covers or shades shiny items, particularly windshields and optics. c. Establishes and rehearses air attack alarms. d. Disperses vehicles, tents, and supplies to reduce vulnerability to air attack. e. Constructs field fortifications with organic equipment as necessary to protect personnel and vulnerable mission essential equipment. f. Mans OPs /LPs (daytime or nighttime) to provide warning of approaching aerial platforms (rotary-wing, fixed-wing, UAVs). g. Establishes a listening watch on the air defense early warning net, if equipment is available and operational. * 2. The unit uses passive air defense measures in a convoy. + <ul style="list-style-type: none"> a. Convoy commander briefs all platoon personnel. b. Camouflages vehicles and equipment before moving out. c. Selects column interval based on instructions, mission, and terrain. d. Place crew served weapons throughout the convoy to cover front, rear, and flanks (avenues of approach). e. Assigns soldiers to air guard duties with specific search sectors covering 360 degrees f. Visually identifies threat aerial platforms (rotary-wing, fixed-wing, UAVs). g. Reports all aircraft actions to higher headquarters. h. Establishes and rehearses air attack alarms. 3. Unit personnel use passive air defense measures when occupying or displacing. + <ul style="list-style-type: none"> a. Maintains vehicle interval specified in the movement order. b. Staggers vehicles to avoid linear patterns. c. Assigns air guards to sectors of search that cover 360 degrees and maintains coverage until convoy completes the movement. d. Visually identifies threat aerial platforms (rotary-wing, fixed-wing, UAVs). e. Reports all aircraft actions to higher headquarters. f. Establishes vehicle order of precedence. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	301-348-1050	REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE
STP 21-24-SMCT	441-091-3001	DIRECT UNIT AIR DEFENSE

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: TAKE ACTIVE COMBINED ARMS AIR DEFENSE AGAINST HOSTILE AIR PLATFORMS (44-1-C221.06-A001)

(FM 44-8)

(STP 21-1-SMCT)

(STP 21-24-SMCT)

(STP 21-I-MQS)

(FM 44-80)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit receives early warning of aerial platforms (rotary wing, fixed-wing, UAVs) in the area. Unit personnel detect unknown or hostile aerial platforms (rotary-wing, fixed-wing, UAVs). Unit is in a tactical position. WCS is "WEAPONS TIGHT". Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit destroys or forces the attacking aerial platforms (rotary-wing, fixed-wing, UAVs) away from friendly positions. The time required to perform this task in MOPP 4 and or blackout conditions is increased.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Leaders direct combined arms air defense measures against hostile aerial platforms not attacking a stationary unit. +</p> <ul style="list-style-type: none"> a. Give air attack alarm. b. Occupy defensive positions. c. Searches assigned sectors for aerial platforms. d. Identify and report presence of aerial platforms in the area and sends PIR to higher headquarters. <p>NOTE: When making the decision of whether or not to fire at non-attacking hostile aerial platforms with small arms, take into consideration the assigned mission and tactical situation. Unit must positively and visually identify aerial platforms prior to engaging with small arms unless the aircraft is committing a hostile act.</p> <ul style="list-style-type: none"> e. Leader makes engagement decision. <p>DANGER: Munitions cannot distinguish between friend and foe. Review all airspace control measures. You must perform all precautionary measures to ensure that the munitions you fire does not cause injury or death to friendly forces or damage to allied equipment. Even computerized systems require close attention.</p> <ul style="list-style-type: none"> f. Unit engages the aerial platforms with all available small arms (rifles and machine guns). <p>NOTE: Expect the firing signature from small arms to disclose the platoon's position.</p> <ul style="list-style-type: none"> g. Engagement causes no fratricide. h. Reloads weapons following engagement. i. Sends PIRs to higher headquarters. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>Notes: Aim points for propeller-driven aircraft are the same as for helicopters. Select aim points in football field lengths---one football field equals approximately 91meters. Once the lead distance is estimated, the riflemen and machine gunners aim and fire their weapons at the aim point until the aircraft has flown past that point. Maintain the aim point, not the lead distance. The weapon should not move once the firing cycle starts. Establish preselected aim points when the platoon is in a static position. Accuracy in relation to target hits is not necessary. Accuracy in relation to the aim point is not necessary. A coordinated high volume of fire that the aircraft has to fly through will achieve the desired results. The lead distances are as follows: Jet/Cruise Missile--Crossing--Two football fields in front of aerial platforms nose Jet/Cruise Missile--Overhead--Two football fields in front of aerial platforms nose Jet/Cruise Missile--Directly at you--Slightly above aerial platforms nose Helicopter/UAV--Crossing--One-half football field in front of nose Helicopter/UAV--Directly at you--Slightly above helicopter /UAV body ::: Helicopter/UAV--Hovering--Slightly above helicopter/UAV body.</p> <ul style="list-style-type: none"> j. Evaluate situation and moves unit position as directed by unit commander. <p>* 2. Leaders direct small arms air defense measures against hostile aerial platforms not attacking a moving target. +</p> <ul style="list-style-type: none"> a. Give air attack alarm. b. Disperse vehicles laterally and in depth or vehicle operators continue to move unit. c. Move vehicles to covered, concealed positions. All personnel not assigned crew-served weapons dismount and prepare to engage the aircraft or increase dispersion. d. Engage non-attacking aircraft only as directed. e. Visually identify threat aerial platforms. f. Report all aerial platforms actions to higher headquarters. g. Senior leader orders the unit to engage. h. Engages the aerial platforms with all available small arms. <p>* 3. Leaders direct combined arms air defense measures against aerial platforms attacking stationary unit. +</p> <ul style="list-style-type: none"> a. Gives air attack alarm. b. All available personnel immediately engage attacking aerial platforms per TSOP. c. Reloads weapons following the engagement. d. Personnel assigned OPs continue to scan their assigned sectors. e. Reports any aircraft action to higher headquarters. f. Reports casualties to higher headquarters. g. Evaluates situation and moves unit position as directed by tactical situation or TSOP. <p>* 4. Unit leader or NCOs directs small arms air defense measures during convoy movement +</p> <ul style="list-style-type: none"> a. Alerts vehicle commanders of impending attack. b. Disperses vehicles alternately to shoulders of the road (off road, if possible). Turns to covered, concealed positions if terrain permits. c. Maintains vehicle intervals or increases interval or dispersion. Uses evasive driving techniques. d. Dismounts and takes up firing positions. e. Prepares personnel to fire on orders of the senior individual present or automatically returns fire (per engagement procedures) if an aircraft is attacking. f. Identifies the aerial platforms. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Engages the aerial platforms with all available small arms (rifles and machine guns). h. Reloads weapons following the attack. i. Reports the attack and submits PIRs to higher headquarters. j. Reports casualties to higher headquarters.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	071-311-2007	ENGAGE TARGETS WITH AN M16A1 OR M16A2 RIFLE
	071-311-2027	LOAD AN M16A1 OR M16A2 RIFLE
	071-312-3027	LOAD AN M60 MACHINE GUN
	071-331-0804	PERFORM SURVEILLANCE WITHOUT THE AID OF ELECTRONIC DEVICES
	301-348-1050	REPORT INFORMATION OF POTENTIAL INTELLIGENCE VALUE
STP 21-24-SMCT	441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT
	121-030-3534	REPORT CASUALTIES
	441-091-1040	VISUALLY IDENTIFY THREAT AIRCRAFT
	441-091-3001	DIRECT UNIT AIR DEFENSE
STP 21-II-MQS	551-721-3352	DIRECT CONVOY DEFENSE OPERATIONS
	01-5700.01-0001	Communicate on a Tactical Radio
	03-3711.04-0001	Report Information of Potential Intelligence Value
STP 21-I-MQS	01-5700.01-0001	Communicate on a Tactical Radio
	03-3711.04-0001	Report Information of Potential Intelligence Value

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM RISK MANAGMENT PROCEDURES (71-3-R231.06-0001)
 (6-FSCATT) (AR 385-10) (DA PAM 385-1)
 (FM 8-10)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is deployed in a tactical environment supporting combat operations. Safety hazards for personnel and equipment increase as operations intensify. OPORD and TSOP are available. This task may be performed under all environmental conditions, day or night. The unit may be subject to air, ground, or NBC attack, or radiological fallout. Field expedient and natural shelters are available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Potential safety problems for tasks are identified and either reduced or eliminated IAW AR 385-10 and DA Pam 385-1.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. Commanders and leaders identify risk and/or safety hazards. + <ul style="list-style-type: none"> a. Identify specified and implied missions or tasks in OPORD or FRAGO. b. Identify all risks associated with specified and implied missions or tasks. c. Integrate safety into every phase of the planning process. d. Identify the benefits of safety measures to the mission versus potential cost of risk or hazard. e. Conduct continuous assessment of all operational phases for safety and risk reduction. * 2. Commanders and leaders evaluate risk or safety hazards identified during operations. + <ul style="list-style-type: none"> a. Implement corrective risk reduction actions to prevent unsafe acts that were previously identified. b. Identify unwarranted risks. c. Compare identified risk to the acceptable risk level stated in the commander's intent based on the objective. d. Calculate projected equipment and personnel losses from accidents by reviewing historical records. e. Describe operations in terms of its risk level (extremely high, high, medium, low). f. Prepare course of action (COA) that minimizes accidental losses. g. React to unforeseen risk and safety hazards and risks and implement responses to them. * 3. Commanders and leaders eliminate or reduce risk and safety hazards. + <ul style="list-style-type: none"> a. Select COA that maximizes operational effectiveness and minimizes risk. b. Develop procedures that reduce risks. c. Provide guidance that enhances safety in all phases of operations. d. Prescribe safety or protective equipment that enhances safety and reduces risks. 4. All personnel employ safety enhancement procedures and conduct self analysis. <ul style="list-style-type: none"> a. Practice safety procedures during all mission rehearsals and operations. b. Correct unsafe acts on the spot. c. Report risks and safety violations immediately. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Personnel will report risks and hazards not previously identified.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13II-MQS	01-2999.99-0600	Command a Battery

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: COMMO SECTION

TASK: PROVIDE ORGANIZATIONAL COMMUNICATIONS/ELECTRONICS MAINTENANCE SUPPORT (06-2-A005)
(FM 29-2)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations. Communications technical manuals, maintenance forms and records are on hand. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The communications officer/NCO monitor, supervise and implement maintenance of communications equipment IAW TSOP, commander's guidance and organizational TMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Communications platoon leader and/or C-E officer will supervise battalion unit level maintenance. + a. Monitor maintenance and brief commander and staff on equipment status. b. Allocate maintenance resources as required. c. Establish maintenance priorities. * 2. The battery communications chief implements/directs battalion unit level maintenance support as follows: + a. Coordinate request for parts. b. Control communications PLL parts c. Coordinate scheduled services. d. Coordinate evacuation of defective equipment. e. Advise communications officer and platoon leader on equipment status. 3. The communications section provides maintenance support as follows: + a. Isolate equipment faults. b. Makes authorized repairs. c. Evacuates equipment as required. d. Performs services. e. Maintain equipment records as required.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY HEADQUARTERS

TASK: COORDINATE COMBAT SERVICE SUPPORT FOR A FIELD ARTILLERY BATTERY (06-2-A007)

(FM 6-50)
(FM 6-60)

(FM 10-1)

(FM 6-20)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations. Replacement personnel and all classes of supply are available from higher HQ. A unit maintenance collection point has been established. This task fits all artillery unit types. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The battery conducts resupply, maintenance, and personnel evacuation/replacement operations IAW commander's guidance, unit TSOP and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The BC/platoon leader analyzes the mission, with input from key NCOs (NBC NCO, supply SGT, section chiefs) and leaders, and determines anticipated ammunition, supply, and service requirements. + * 2. The 1SG/platoon SGT coordinates, supervises, and executes the battery/platoon combat service support (CSS) plan. <ul style="list-style-type: none"> a. Receives, consolidates, and forwards all logistical, personnel, and casualty reports to higher HQ. + b. Supervises evacuation of casualties, EPWs, and damaged equipment. + c. Establishes and supervises resupply activities. + d. Monitors maintenance activities. e. Assigns replacement personnel. + f. Maintains battle rosters. * 3. The 1SG/platoon SGT coordinates with the supply SGT and higher HQ to select supply techniques (in position, out of position, or preposition) to support the battery/platoon. 4. The battery/platoon performs resupply operations. + <ul style="list-style-type: none"> a. Reports its supply status IAW the TSOP using coded messages or secure devices on the appropriate administrative/logistic net. b. Requests all classes of supply, water, maps, and special equipment based on mission analysis and current supply status. c. Distributes supplies IAW the commander's guidance. If supplies are inadequate for the entire battery/platoon, incoming supplies are distributed based on the priorities established by the commander from his mission analysis. d. Redistributes and cross levels supplies internally based on the commander's priorities, if resupply is not available. e. Conducts resupply without restricting movement, hampering preparation, or compromising security. f. Resupplies and conducts tactical feeding of soldiers in a covered and concealed area if possible. 5. The battery/platoon maintains all assigned and attached equipment. + <ul style="list-style-type: none"> a. Section chiefs supervise daily PMCS. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>b. Soldiers clean, inspect, and function check all equipment for which they are responsible.</p> <p>c. The armorer does the following:</p> <ol style="list-style-type: none"> (1) Repairs all unserviceable weapons within his maintenance level authorization. (2) Requests repair parts IAW TSOP. (3) Uses controlled substitution on unserviceable weapons for parts, when authorized. <p>d. The communications personnel do the following:</p> <ol style="list-style-type: none"> (1) Repair all unserviceable communications equipment within the maintenance level of authorization. (2) Use controlled substitution on unserviceable equipment, when authorized. (3) Request repair and replacement parts. <p>6. The battery/platoon recovers and moves damaged equipment to the UMCP.</p> <ol style="list-style-type: none"> a. The 1SG/platoon sergeant supervises the collection of all damaged equipment. b. Moves all damaged equipment using internal recovery if possible. Requests support from higher HQ if needed. c. Requests replacement equipment IAW the TSOP. d. Uses foraged or scavenged friendly, enemy, or civilian equipment to replace damaged equipment, when authorized. <p>7. The battery/platoon performs personnel service functions. +</p> <ol style="list-style-type: none"> a. The 1SG/platoon SGT reports personnel status and requests replacements as necessary. b. The battery/platoon treats and evacuates casualties IAW the TSOP. c. The 1SG/platoon SGT reassigns soldiers after sustaining casualties, based on the commander's guidance to ensure that leadership and other key positions are filled and to ensure that weapons are manned. d. The BC/platoon leader reorganizes sections when individual reassignments are inadequate. e. Replacement personnel are integrated into the battery/platoon as follows: <ol style="list-style-type: none"> (1) The 1SG/platoon SGT ensures they have a serviceable weapon, ammunition, MOPP gear, and other essential equipment. (2) The 1SG/platoon SGT ensures the supply SGT issues missing equipment to the replacements. (3) The BC/platoon leader meets and quickly orients replacements to the battery/platoon. (4) The 1SG/platoon SGT assigns the replacements to a section based on the priorities established by the commander. (5) The gaining section chief introduces the replacements to section personnel. (6) The section chief briefs new replacements on their duties, responsibilities, recent section activities, TSOP, and assigns an experienced buddy. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 10-77F1-SM/TG	101-519-1167	Prepare DA form 3643 (Daily issue of petroleum products)
STP 10-92Y24-SM-TG	101-521-3101	ACCOUNT FOR ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
	101-521-3102	DISPOSE OF ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
	101-521-3105	DIRECT THE CONTROL AND SECURITY OF WEAPONS AND AMMUNITION IN UNIT STORAGE AREA
	101-521-3251	MAINTAIN MANUAL/AUTOMATED HAND RECEIPT
	101-521-3252	CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS
STP 21-24-SMCT	071-326-0515	SELECT A MOVEMENT ROUTE USING A MAP
	071-329-1019	USE A MAP OVERLAY
	071-332-5000	Prepare an Operation Overlay
	081-831-0101	REQUEST MEDICAL EVACUATION
	081-831-0102	SUPERVISE UNIT PREVENTIVE MEDICINE AND FIELD SANITATION PROCEDURES
STP 21-I-MQS	121-030-3534	REPORT CASUALTIES
	03-5101.00-0281	Direct the Preparation and Maintenance of Unit Supply Records
	03-5101.00-0282	Direct the Storage of Unit Supplies, Weapons, Equipment, and Ammunition
STP 92Y1-SM	03-5101.00-0283	Supervise the Maintenance of Unit Prescribed Load List
	101-521-1154	RECEIVE SUPPLIES AND EQUIPMENT
	101-521-1155	SUPPLIES AND EQUIPMENT TO HAND-RECEIPT HOLDERS

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM OPERATORS MAINTAINENCE ON COMMUNICATIONS EQUIPMENT (06-2-A078)
(DA PAM 738-750)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery/platoon is conducting combat operations. Appropriate equipment technical manuals (TMs) and maintenance forms and records are on hand. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Communications equipment is maintained IAW operator's TM and all uncorrectable faults are recorded on Equipment Inspection and Maintenance Work sheet and reported to the first line supervisor.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Section chiefs do the following: + <ul style="list-style-type: none"> a. Ensure operators have appropriate TMs. b. Schedule and direct routine operator maintenance on assigned communications equipment. c. Ensure cleaning materiels are available to perform operator maintenance. d. Coordinate with communications chief for technical assistance beyond operator level. 2. Battery/platoon personnel perform maintenance on assigned communications equipment as follows: <ul style="list-style-type: none"> a. Perform routine preventive maintenance checks and services (PMCS) specified by the operator TM. b. Correct noted deficiencies. c. Record uncorrected faults on an Equipment Inspection and Maintenance Work sheet. d. Report deficiencies to section chiefs. + 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS	061-300-5002	Establish TAFCS Communications Configurations (AFATDS Units)
STP 21-24-SMCT	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
STP 6-13B1-SM	061-275-8004	Operate SINCGARS ICOM w/VIC-1

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13B24-SM-TG	113-587-2063	Operate Radio Set AN/VRC-43 or AN/VRC-46 with TSEC/KY-57
STP 6-13C14-SM-TG	061-300-5019	Supervise Operation of TAFCS (AFATDS Units)
STP 6-13E13-SM-TG STP 6-13II-MQS	061-279-5003 091-900-0006	Maintain Communication Using the AFC/DS DIRECT UNIT MAINTENANCE OPERATIONS DURING UNIT OPERATIONS
STP 6-13P14-SM-TG	061-275-8016	Supervise the Operation of Improved High Frequency Radio (IHFR) Sets
	061-275-8020	Supervise Field Artillery (FA) Automation/Communications System Operation
	061-276-1010	Install Antenna Group OE-303
	061-287-5010	Process Multiple Launch Rocket System (MLRS) Fire Plan(s)
	061-287-5023	Advice Supported Unit of MLRS Capabilities and Limitations.
	061-287-5024	Disseminate Fire Support Information to Lower, and Higher Field Artillery Elements.

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: MAINTENANCE SECTION

TASK: MANAGE MAINTENANCE RECORDS AND SUBMIT REPORTS (06-4-A001)
 (DA PAM 738-750) (DA PAM 710-2-1)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations and combat service support guidance has been received. Higher echelon support facilities have been established. The maintenance section is performing scheduled services and equipment repair. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The maintenance officer/SGT maintains all required maintenance records IAW DA Pam 710-2-1 and DA Pam 738-750 and submits all required reports.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The maintenance SGT monitors and controls dispatch of all vehicles as follows: <ul style="list-style-type: none"> + <ul style="list-style-type: none"> a. Uses Organizational Control Record for Equipment or Dispatch Control Log. b. Ensures that procedures are done IAW DA Pam. * 2. The battery maintenance SGT schedules and monitors organizational PMCS as follows: <ul style="list-style-type: none"> + <ul style="list-style-type: none"> a. Maintains critical records, as required, to include Preventive Maintenance Schedule and Record. b. Ensures that services are done IAW the appropriate TM and DA Pam. * 3. The battery maintenance SGT monitors records for the following: <ul style="list-style-type: none"> + <ul style="list-style-type: none"> a. Required daily entries on Equipment Inspection and Maintenance Work sheet. b. Required daily entries on Motor Vehicle Utilization Record. c. Equipment record folders on hand for each vehicle. d. Historical records on all equipment as required by DA Pam. * 4. The battery maintenance SGT maintains Document Register for Supply Action as follows: <ul style="list-style-type: none"> + <ul style="list-style-type: none"> a. Completes and maintains the form IAW the DA Pam 710-2-1. b. Ensures due in status reflected is current. c. Records follow up action as required. * 5. The maintenance SGT requests repair parts as follows: <ul style="list-style-type: none"> + <ul style="list-style-type: none"> a. Initiates and edits all requests by using the appropriate TM and the Army Master Data File (AMDF). b. Posts all entries to document register. c. Forwards all requests to appropriate supply activity. * 6. The maintenance SGT prepares and submits equipment status reports, as required, on Material Readiness Report or Army Material Status System (AMSS) IAW DA Pam. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 9-63B35-SM-TG	091-309-0633	PREPARE MATERIAL CONDITION STATUS REPORT
	091-309-0671	INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
	091-309-0673	INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
	091-309-0680	INSPECT RECORD OF DEMANDS
	091-309-0685	PREPARE ACCIDENT REPORT (DA FORM 285)
	091-309-0698	INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
	091-309-0700	INSPECT RECONCILIATION LISTING (AUTOMATED)
	091-309-2026	INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: MAINTENANCE SECTION

TASK: ESTABLISH AN ORGANIZATIONAL MAINTENANCE FACILITY (06-4-A002)
 (DA PAM 738-750) (FM 6-20-1) (FM 6-50)
 (FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations. The maintenance section has all organic equipment and the need for repairs exists. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The maintenance section will establish and organize the maintenance facility IAW commander's guidance, TSOP and applicable FMs/TMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The maintenance SGT ensures section does the following: a. Organizes maintenance facilities for efficient work flow and rapid displacement. b. Uses manmade and natural camouflage. c. Installs generator sets. d. Grounds the generator sets IAW the appropriate TM and has a fire extinguisher available. e. Maintains and controls organic tools and test measurement and diagnostic equipment (TMDE). This is done by establishing a sign out log. f. Establishes a collection point for vehicles that are beyond the capability of the unit to repair. g. Performs operator/organizational preventive maintenance checks and services (PMCS) as required. Annotates Equipment Inspection and Maintenance Work sheet IAW DA Pam 738-750. * 2. The maintenance SGT ensures necessary TMs are available. Each crew should have on hand one -10, -20, and 20P manuals for each item of equipment. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
	091-309-0711	DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS
STP 21-I-MQS	850-001-2001	ASSESS POTENTIAL FOR ACCIDENTS
	O3-4376.04-0001	Evaluate Unit Calibration Program

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	O3-4651.90-0001	Supervise Training and Licensing of Unit Equipment Operators
	O3-4966.90-0010	Supervise Preventive Maintenance Checks and Services
	O3-4976.90-0501	Prepare a Materiel Condition Status Report
	O3-5101.00-0283	Supervise the Maintenance of Unit Prescribed Load List
STP 6-13B1-SM	061-271-1475	Perform Maintenance of the Valve Selector Speed Shift, and Valve Wheels (M198) (U6)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: SUPPLY SECTION

TASK: MAINTAIN PETROLEUM, OILS, AND LUBRICANTS (06-4-A003)
(AR 703-1)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is conducting combat operations and combat service support guidance has been received. Higher echelon support facilities have been established. The battery maintenance/supply facility has been established. The battery is using packaged petroleum, oils, and lubricants (POL), products and stocks need replenishing. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The supply section manages and maintains the battery packaged POL IAW commander's guidance, CSS guidance, TSOP and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. The commander ensures sections/platoons do the following: a. Load basic load of POL on section vehicle(s) IAW vehicle load plans. b. Clearly mark all containers to properly identify contents. c. Receive daily issues of POL as required. d. Camouflage and/or conceal all POL points. e. Store POL IAW all applicable safety regulations. f. Ensure maximum protection of the environment by proper cleanup of any POL spillage. 2. The supply section does the following: a. Conducts continuous coordination with supporting agencies. b. Ensures the entire basic load of packaged POL products is received from the higher HQ. c. Accounts for all packaged POL products by using inventory account card. d. Establishes POL point(s). Ensures all points are easily accessible. e. Coordinates with ALOC/BOC/POC on POL resupply technique.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 10-77F1-SM/TG	101-519-1167	Prepare DA form 3643 (Daily issue of petroleum products)
STP 10-92Y24-SM-TG	101-521-3252	CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: WLRS (TPQ-36)
 WLRS (TPQ-37)
 WLRS (TPQ-36, TPQ-37)

TASK: PERFORM UNIT MAINTENANCE ON RADAR EQUIPMENT (06-4-Q011)
 (TM 11-5840-354-10) (TM 11-5840-355-10) (TM 11-5840-355-10-2 (C))
 (TM 11-5840-355-20-1) (TM 11-5840-355-20-2) (TM 11-5840-355-20-3)
 (TM 11-5840-355-20P) (TM 11-5840-364-20P) (TM 11-5840-378-10)
 (TM 11-5840-378-20&P) (TM 11-5840-380-10) (DA PAM 738-750)
 (TM 11-5840-354-20-1) (TM 11-5840-354-20-2) (TM 11-5840-354-20P)
 (TM 5-6115-545-12) (TM 5-6115-585-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Given a RADAR section conducting tactical operations. Perform (PMCS). Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Perform (PMCS) in accordance with appropriate TMs and unit SOP, for a given tactical environment.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Radar operators perform operator's PMCS. 2. Unit level maintenance personnel perform unit- level PMCS. * 3. Radar section leader or unit level maintenance personnel coordinate for higher level maintenance. + 4. Operator interprets built in test equipment (BITE) messages. <ol style="list-style-type: none"> a. Takes corrective action if fault is an operator level fault. b. Notifies unit level maintenance personnel for all other level faults. * 5. Radar section leader or unit level maintenance personnel troubleshoot system fault(s). + <ol style="list-style-type: none"> a. Isolate fault. b. Replace faulty component if it is a unit level part. c. Align equipment as necessary. d. Notify higher level maintenance for required repairs that are above the unit level of maintenance. Include required documentation and evacuation arrangements. * 6. Radar section leader or unit level maintenance personnel prepare documentation for the turn in and/or request for issue of radar parts. + 7. Generator mechanic performs unit level PMCS on power unit MEP 112A. 8. Generator mechanic troubleshoots generator system faults. <ol style="list-style-type: none"> a. Isolates fault. b. Replaces faulty component(s). c. Performs necessary adjustments. d. Notifies higher level maintenance for required repairs that are above the unit level of maintenance. Include required documentation and evacuation arrangements. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13R14-SM-TG	061-275-8003	Operate SINCGARS ICOM
	061-275-8013	Construct Field Expedient Antennas
	061-294-5001	Prepare the AN/TPQ-36 (V)8 Shelter for Operation
	061-294-5004	Initialize the AN/TPQ-36 (V)8 Radar Set
	061-294-5104	Perform Operator PMCS on the AN/TPQ-36 Radar System
	061-294-5108	Perform Operator PMCS on the AN/TPQ-37 Radar System
	061-302-1059	Perform Checks, Adjustments, and Services on the Aiming Circle

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM UNIT GRAVES REGISTRATION FUNCTIONS (10-2-C002.06-A000)
 (FM 10-63-1) (FM 10-63)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The tactical situation permits GRREG operations to be performed. The unit has sustained moderate to heavy fatalities. The unit either recovers the killed in action (KIA) and evacuates them to a designated GRREG collection point or performs an emergency burial. The unit may have the capability to perform aerial reconnaissance. Some remains may be contaminated. Tactical SOPs are available. This task is performed by non-GRREG personnel. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Search, recovery, evacuation, and emergency burial operations are performed in accordance with tactical SOP and appropriate FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. Search and recovery team leader plans for the search. + <ul style="list-style-type: none"> a. Performs a map or aerial reconnaissance of the search area. b. Identifies additional support requirements. c. Requests additional support requirements from higher HQ. d. Identifies search pattern to be used. e. Coordinates NBC and explosive ordnance disposal (EOD) assistance with higher HQ. f. Coordinates security of area with higher HQ. * 2. Search and recovery team leader supervises the search, recovery, and evacuation operations. + <ul style="list-style-type: none"> a. Briefs search and recovery team on operational procedures. b. Issues personal effects pouches, human remains bags (if available), and NBC agent tags. c. Assigns areas of search. d. Monitors search and recovery team operations IAW TSOP. e. Coordinates evacuation operations with higher HQ. f. Forwards SITREP to higher HQ. 3. Search and recovery team conducts the search. + <ul style="list-style-type: none"> a. Searches assigned areas for remains and personal effects. b. Marks terrain locations of remains with pegs. c. Collects disassociated personal effects. d. Annotates locations of remains and personal effects on recovery sketch. 4. Search and recovery team recovers remains. + <ul style="list-style-type: none"> a. Inspects immediate area for booby traps and NBC contaminants. b. Conducts initial identification. c. Attaches NBC tag or tag marked with a large "C" to contaminated or contagious remains. d. Separates contaminated remains. e. Attaches personal effects to remains. f. Shrouds remains with available materials. g. Prepares sketch and map overlay of the recovery site. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
5. Search and recovery team evacuates remains. + a. Verifies that personal effects are attached to the remains. b. Transports remains to a designated GRREG collection point. * 6. Search and recovery team leader supervises emergency burials. + a. Identifies specific burial site and requests approval with higher HQ. b. Coordinates engineer support with higher HQ. c. Directs burial operations. d. Forwards burial sketches and map overlay to higher HQ. 7. Search and recovery team performs emergency burials. + a. Prepares and marks the grave sites. b. Buries US, allied, and enemy forces remains and personal effects in separate grave sites.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-I-MQS	04-3302.01-0003	Conduct a Reconnaissance
	03-5104.00-0007	Supervise Graves Registration Support
	03-5104.00-0026	Plan Graves Registration Support

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY HEADQUARTERS
SUPPLY SECTION

TASK: PROVIDE UNIT SUPPLY SUPPORT (10-2-C230.06-A001)
(AR 710-2) (DA PAM 710-2-1) (FM 3-4)
(FM 3-5) (FM 63-2)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit headquarters is receiving requests for supplies from subordinate elements. Equipment and supplies are arriving through supply channels, but additional supplies may be required. Extra small arms and ammunition are stored in the supply area. Supplies, weapons, and ammunition requirements established by the TSOP and/or OPORD are on hand or coordinated for use, when needed. Weapons may malfunction during operations. The unit TSOP and Battalion OPORD are available. Supply support is a continuous task that is performed simultaneously with other support and operational tasks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Equipment, supplies, weapons, and ammunition requests are managed and provided by S4/supply, as needed, IAW commander's guidance, requirements established by the TSOP and/or OPORD, supply regulations and directives, and appropriate FMs and TMs. At MOPP level 4, unit supply support is reduced to minimal essential actions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. Commander directs unit supply operations. <ul style="list-style-type: none"> a. Inspects supply records and status to ensure compliance with supply regulations, directives, and TSOP. b. Verify ULLS-S4 input, records and output for accuracy. c. Directs inventories of supplies and equipment to calculate assets on hand by using ULLS-S4-generated hand receipts and component of end item listings. d. Inspects unit equipment, weapons, and ammunition storage areas for compliance with supply regulations, directives, and the TSOP. e. Directs issue of supplies and equipment IAW Battalion guidance and/or TSOP sustainment controls. f. Forwards routine supply, weapons, and small arms ammunition requirements to the S4 section by inputting requests into ULLS-S4 and forwarding request data disks to the S4 section. g. Forwards emergency supply requests to the S4 section using applique call for support and ULLS-S4. * 2. Supply SGT supervises unit supply activities. <ul style="list-style-type: none"> a. Verifies supply due-in status from the ULLS-S4 document register. b. Conducts inventories to calculate assets on hand using ULLS-S4 generated hand receipts and components of end items listings. c. Develops supply storage plans. d. Monitors supply transactions to ensure compliance with established supply procedures. e. Supervises weapons and ammunition control. f. Prepares input to MCSR maintained by the maintenance personnel by annotating ULLS-G generated equipment status sheets. 3. Unit headquarters requests additional supplies. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Collects requirements from elements using applique and other means as necessary.. b. Calculates resupply requirements. c. Records requests on the ULLS-S4 document register and forward them to the S4. 4. Unit headquarters receives supplies. a. Compares supply quantities and stock numbers requisitioned against quantities and stock numbers received. b. Updates the ULLS-S4 document register with quantities and date received, as well as any new status on partial shipments. c. Forwards supplies to requesting element of the unit. 5. Battery headquarters issues supplies. + a. Processes supply requests IAW appropriate regulations, directives, and TSOP. b. Prepares transaction documents IAW appropriate regulations, directives, and TSOP. c. Issues supplies as prescribed by commander's guidance. d. Maintains prescribed copies of transactions IAW appropriate regulations and directives. 6. Unit headquarters maintains small arms and ammunition. + a. Controls stored weapons and ammunition IAW appropriate regulations and command policies. b. Requests ammunition resupply from the S-4. c. Performs unit level maintenance on small arms. d. Forwards weapons beyond organizational repair capabilities to support maintenance elements		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

“*” indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 10-92Y24-SM-TG	101-521-2161	REQUEST AND TURN IN AMMUNITION
	101-521-3101	ACCOUNT FOR ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
	101-521-3102	DISPOSE OF ABSENTEE'S CLOTHING, EQUIPMENT, AND PERSONAL EFFECTS
	101-521-3105	DIRECT THE CONTROL AND SECURITY OF WEAPONS AND AMMUNITION IN UNIT STORAGE AREA
	101-521-3107	INSPECT ORGANIZATIONAL MAINTENANCE OF WEAPONS
	101-521-3151	Account for and Adjust Property Records for Bulk Petroleum

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	101-521-3215	Check the availability of Supply Publications Required to Support Unit Supply Operations
	101-521-3216	Supervise Subordinate Personnel in Determining Serviceability of Organizational Clothing and Equipment
	101-521-3251	MAINTAIN MANUAL/AUTOMATED HAND RECEIPT
	101-521-3252	CONTROL/SUPERVISE PROPERTY ADMINISTRATION IN UNIT SUPPORTED BY MANUAL/AUTOMATED SYSTEMS
	101-521-3253	Direct and Control Method of Obtaining Relief From Responsibility for Lost, Damaged, or Destroyed Property at Unit Level
	101-521-3254	Direct the Planning and Forecasting of Supplies (Classes I, III, and V) at the Unit Level
STP 21-I-MQS	S3-5101.00-0269	The US Army Supply System
STP 92Y1-SM	101-521-1151	Order Supplies and Equipment
	101-521-1152	Request Supply Status for High Priority Requests
	101-521-1153	Request Cancellation of Supplies
	101-521-1154	RECEIVE SUPPLIES AND EQUIPMENT
	101-521-1155	SUPPLIES AND EQUIPMENT TO HAND-RECEIPT HOLDERS
	101-521-1156	STORE SELECTED SUPPLIES AND EQUIPMENT IN UNIT STORAGE AREAS
	101-521-1163	Prepare and Maintain a Document Register
	101-521-1164	Prepare and Update Signature Cards
	101-521-2151	PREPARE A PROPERTY BOOK
	101-521-2152	POST TRANSACTIONS TO THE MANUAL PROPERTY BOOK
	101-521-2154	DETERMINE METHOD OF OBTAINING RELIEF FROM RESPONSIBILITY FOR LOST, DAMAGED, OR DESTROYED PROPERTY

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY HEADQUARTERS

TASK: MAINTAIN COMPANY/BATTERY STRENGTH (12-2-C321.06-A007)
 (FM 12-6) (FM 101-5) (STP 21-24-SMCT)
 (TC 12-6)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Company/battery has resumed combat operations. Casualties have occurred and replacements are arriving. During operations, the unit may encounter separate or multiple air, Level I threat, NBC, and terrorist attacks. Casualty processing and replacement actions continue during lulls in combat operations. Task may occur in a field or MOUT environment. TSOP is available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Personnel SITREP which accounts for all company personnel is reported daily or as required. The time required to prepare is increased when conducting this task in MOPP 4.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Headquarters element collects strength information from subordinate sections. + <ol style="list-style-type: none"> a. Logs SITREP and other personnel information. b. Verifies strength data. c. Corrects erroneous and incomplete data. 2. Headquarters element processes information. + <ol style="list-style-type: none"> a. Consolidates subordinate element personnel information. b. Determines critical shortages and cross leveling requirements. c. Updates the battle roster. d. Prepares hasty PSR strength reports. 3. Headquarters element processes replacements. <ol style="list-style-type: none"> a. Briefs replacements on mission, tactical situation, company policies and procedures, specific duties and site/company orientation. b. Adds soldiers names to battle roster. c. Inspects critical clothing and equipment for shortages. d. Coordinates the issue of needed items. e. Arranges movement of replacements to platoon of assignment. * 4. First Sergeant disseminates strength information. + <ol style="list-style-type: none"> a. Briefs commander on unit strength and replacement status. b. Forwards Personnel SITREP or hasty strength reports. Casualty Feeder Reports (DA Form 1156), and Witness Statements (DA Form 1155) to supporting S1 section. c. Informs subordinate sections of projected replacements. * 5. Company/battery commander performs strength management functions. (03-0170.01-1005) <ol style="list-style-type: none"> a. Directs cross leveling. b. Verifies combat critical personnel requirements. c. Reviews strength management reports. d. Spot checks strength information processing. e. Briefs superiors on unit strength and replacement status. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	121-030-3534	REPORT CASUALTIES

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: SURVEY PLATOON HEADQUARTERS
RADAR PLATOON HEADQUARTERS

TASK: MAINTAIN PLATOON STRENGTH (12-3-C216.06-A008)
(FM 12-6) (FM 3-3) (FM 3-5)
(STP 21-24-SMCT) (TC 12-16) (TC 12-6)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Platoon has resumed combat operations. casualties have occurred and replacement are arriving. During operations, the unit may encounter separate or multiple air, Level 1 threat, NBC, and terrorist attacks. Casualty processing and replacement actions continue during lulls in combat operations. Task may occur in a field or MOUT environment. TSOP is available. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: A personnel status report accounts for all platoon personnel is provided daily or as required.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Squad members take immediate action. <ol style="list-style-type: none"> a. Perform first aid on wounded soldiers. b. Request medical aid (as needed). * 2. Squad Leaders report personnel status of squad. + <ol style="list-style-type: none"> a. Account for all assigned or attached personnel. b. Prepare DA Form 1156 (Casualty Feeder Report) for killed or wounded soldiers (body under US control). c. Prepare DA Form 1155 (Witness Statement on individual) for captured or missing soldiers (body not under US control). d. Forward reports and completed forms to company CP. * 3. Platoon Leader/PSG processes strength information. <ol style="list-style-type: none"> a. Consolidates squad personnel reports. b. Records SITREPS and other personnel information. c. Directs cross leveling training to fill critical positions caused by casualties. d. Collects casualty reports (DA Forms 1155 and 1156). e. Updates battle roster/platoon strength accountability system. f. Determines critical replacement requirements. g. Prepares strength report IAW the unit SOP. * 4. Platoon Leader/PSG processes replacements. <ol style="list-style-type: none"> a. Briefs replacements on mission, tactical situation, platoon policies and procedures, specific duties, and site/platoon orientation. b. Enters soldiers' names, MOS and duty position onto platoon accountability system/ battle roster. c. Inspects soldiers for combat critical clothing and equipment. d. Arranges for issue of missing required items of combat critical clothing and equipment. e. Implements buddy system. f. Arranges for movement of soldiers to assignments. * 5. Platoon Leader/PSG reports personnel status. + <ol style="list-style-type: none"> a. Forwards completed DA Forms 1155 and 1156. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Transmits strength report and other requested personnel information.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	081-831-1005	PREVENT SHOCK
	081-831-1016	PUT ON A FIELD OR PRESSURE DRESSING
STP 21-24-SMCT	071-430-0007	CONSOLIDATE A PLATOON FOLLOWING ENEMY CONTACT WHILE IN THE DEFENSE
	071-430-0008	REORGANIZE A PLATOON FOLLOWING ENEMY CONTACT WHILE IN THE DEFENSE
	121-030-3534	REPORT CASUALTIES
STP 21-I-MQS	O3-0170.01-1005	Perform Wartime Strength Accounting at Unit Level

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: PERFORM UNIT LEVEL MAINTENANCE (43-2-C322.06-A000)

(FM 43-5)	(AR 220-1)	(AR 385-10)
(AR 385-30)	(AR 385-40)	(AR 700-138)
(AR 750-1)	(DA PAM 738-750)	(FM 10-69)
(FM 20-22)		

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is tactically deployed and is currently engaged in combat. Unit maintenance personnel receive requests to repair inoperative equipment. The unit maintenance area is established. Required tools, repair parts, equipment, and personnel are available. Operators are performing preventive maintenance checks and services (PMCS) on the equipment. Recovery operations with injured operators on board may be required. The company TSOP is available. Some iterations of this task are performed in MOPP 4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit vehicles and equipment are maintained in an operational ready status IAW unit TSOP, applicable ARs/FMs and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. Battery commander/motor officer directs unit maintenance program. + <ul style="list-style-type: none"> a. Monitors implementation of unit maintenance program. b. Monitors unit operational levels by reviewing vehicle and equipment status reports. c. Identifies current or anticipated maintenance problems. d. Coordinates resolution of maintenance problems with higher headquarters. e. Requests control substitution approval from higher headquarters. f. Approves emergency field repairs. g. Prepares materiel condition status reports. h. Conducts periodic inspections of personnel and equipment to ensure safety program is enforced. * 2. Platoon/section leaders supervise operator maintenance. + <ul style="list-style-type: none"> a. Monitor performance of PMCS. b. Inspect vehicle, weapons and equipment. c. Coordinate maintenance assistance with the unit maintenance section. d. Monitor equipment repair parts status. e. Request approval for emergency field repairs. f. Maintain maintenance status of vehicle, weapons, and equipment. g. Provide input for materiel condition status report. 3. Battery personnel perform operator maintenance. + <ul style="list-style-type: none"> a. Perform PMCS. b. Notify supervisor of maintenance problems beyond operator's capability. c. Perform emergency field repairs. d. Assist unit maintenance personnel with repairs and services. * 4. Motor sergeant supervises unit maintenance personnel. + <ul style="list-style-type: none"> a. Organizes unit maintenance personnel to perform unit maintenance activities. b. Supervises the Army maintenance management system (TAMMS) and prescribed load list (PLL) procedures for completeness and accuracy. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> c. Supervises repair and inspection procedures to ensure they are done safely and IAW appropriate references. d. Requests approval for BDAR from battery commander when established repair procedures can not be used. e. Supervises BDAR procedures to ensure procedures are done IAW appropriate BDAR manuals. f. Requests approval to use controlled exchange from battery commander when required repair parts are not available. g. Supervises use of controlled exchange for compliance with commander's guidance. h. Supervises recovery operations to ensure correct recovery and safety procedures are used. i. Supervises Army Oil Analysis Program (AOAP) procedures to ensure testing of oil samples is done at required intervals. j. Coordinates maintenance status with platoon/section leaders. k. Provides unit maintenance status to battery commander. <p>5. Unit maintenance personnel repair organic equipment. +</p> <ul style="list-style-type: none"> a. Diagnose faults on inoperative equipment. b. Request required repair parts to complete the repair from PLL clerk. c. Repair equipment IAW applicable TM(s). d. Request approval for BDAR through the motor sergeant when established repair procedures can not be used. e. Perform BDAR IAW appropriate BDAR manual. f. Request approval for controlled exchange through motor sergeant when required repair parts are not available. g. Perform controlled exchange. h. Perform final inspection to ensure quality control of repairs. i. Record completed work on appropriate document(s). j. Employ safety procedures to minimize accidents. <p>6. Unit maintenance personnel conduct transactions with support maintenance. +</p> <ul style="list-style-type: none"> a. Identify category of repair. b. Correct unit level deficiencies. c. Prepare required documentation for submission to support maintenance. d. Evacuate equipment to support maintenance. e. Verify completion of repairs. f. Pick up equipment upon completion of repairs. <p>7. Unit maintenance personnel perform administrative support functions. +</p> <ul style="list-style-type: none"> a. Maintain PLL. b. Request repair parts for unit equipment. c. Perform required AOAP tasks. d. Turn in unserviceable repairable items. e. Maintain document registers. f. Maintain maintenance control records. g. Maintain technical publications on all organic equipment. h. Maintain tools and test equipment. i. Maintain power generation equipment. <p>8. Maintenance personnel recover disabled vehicles. +</p> <ul style="list-style-type: none"> a. Verify location of disabled vehicles. b. Move on a concealed route to disabled vehicles. c. Inspect vehicles to determine required parts. d. Repair vehicles on site. e. Evacuate non repairable vehicles to unit maintenance area. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
9. Maintenance personnel react to battle damaged vehicle (recoverable) within a hostile area. + <ul style="list-style-type: none"> a. Request covering fire. b. Move on a concealed route to disabled vehicle. c. Tow vehicle to a concealed location. d. Remove casualties from vehicle. e. Perform self aid/buddy aid. f. Request medical assistance, if required. g. Evacuate casualties. h. Perform battle damage assessment. i. Repair vehicle, if possible. j. Recover non repairable vehicle. 		
10. Maintenance personnel react to battle damaged vehicle (unrecoverable) within a hostile area. + <ul style="list-style-type: none"> a. Request direct and supporting fire. b. Move on a concealed route to disabled vehicle. c. Remove casualties form vehicle. d. Treat casualties. e. Request medical assistance, if required. f. Evacuate casualties. g. Request disposition of unrecoverable vehicle from battery commander. h. Conduct salvage operations. i. Prepare vehicle for destruction. j. Destroy vehicle on order from commander or designated representative. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-1-SMCT	551-721-1352	Perform Vehicle Preventive Maintenance Checks and Services (PMCS)
STP 21-24-SMCT	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
	091-309-0711	DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS
STP 21-I-MQS	03-4651.90-0001	Supervise Training and Licensing of Unit Equipment Operators
	03-4966.90-0010	Supervise Preventive Maintenance Checks and Services
	03-4976.90-0501	Prepare a Materiel Condition Status Report
	03-4995.90-0010	Direct Vehicle and Equipment Recovery Operations
	03-5101.00-0283	Supervise the Maintenance of Unit Prescribed Load List

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 9-63B35-SM-TG	091-309-0626	Supervise the maintenace test, measurement, and diagnostic equipment
	091-309-0633	PREPARE MATERIAL CONDITION STATUS REPORT
	091-309-0671	INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
	091-309-0673	INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
	091-309-0680	INSPECT RECORD OF DEMANDS
	091-309-0685	PREPARE ACCIDENT REPORT (DA FORM 285)
	091-309-0698	INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
	091-309-0700	INSPECT RECONCILIATION LISTING (AUTOMATED)
	091-309-2026	INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY HEADQUARTERS
 MAINTENANCE SECTION
 DETACHMENT HEADQUARTERS

TASK: MANAGE UNIT MAINTENANCE OPERATIONS (43-2-C323.06-A001)
 (FM 43-5)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has deployed with all organic equipment. The need to maintain the equipment is inherent to the mission success. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Leaders supervise unit maintenance activities and maintain an operational readiness rate consistent with tactical mission requirements IAW commander's priorities and approved SOP.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The Commander supervises unit maintenance activity. + <ul style="list-style-type: none"> a. Develops maintenance SOP. b. Establishes maintenance priorities. c. Monitors maintenance performed on individual and TOE equipment. d. Monitors equipment status, PMCS, Army oil analysis program (AOAP), and personnel shortages. e. Inspects personnel and equipment to enforce safety measures and use of equipment. 2. Maintenance personnel conduct a quality control program. + <ul style="list-style-type: none"> a. Perform initial inspection and record results. b. Perform in process and final inspections. c. Review maintenance records. d. Verify inspection procedures. e. Inspect calibrated equipment. * 3. Maintenance supervisors and/or personnel implement a safety program. + <ul style="list-style-type: none"> a. Brief personnel on safety program. b. Conduct safety inspections. c. Inspect disabled equipment for safety hazards. d. Enforce safety procedures. e. Report and investigate accidents or mishaps. f. Maintain files on all safety inspections and accident reports. * 4. Maintenance officer or supervisor supervises PLL operations. + <ul style="list-style-type: none"> a. Verifies PLL accuracy. b. Inspects document register. c. Inspects PLL list for approving authority signature. 5. Calibration team monitors calibration program. + <ul style="list-style-type: none"> a. Develops and monitors calibration schedule. b. Advises supporting calibration facility of new or additional equipment. c. Prepares calibration data cards. d. Verifies maintenance of equipment. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	091-309-0710	SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES
	091-309-0711	DIRECT VEHICLE AND EQUIPMENT RECOVERY OPERATIONS
STP 9-63B35-SM-TG	091-309-0626	Supervise the maintenance test, measurement, and diagnostic equipment
	091-309-0633	PREPARE MATERIAL CONDITION STATUS REPORT
	091-309-0671	INSPECT MOTOR EQUIPMENT UTILIZATION RECORD (DD FORM 1970)
	091-309-0673	INSPECT PREVENTIVE MAINTENANCE RECORD SCHEDULE AND RECORD, DD FORM 314
	091-309-0680	INSPECT RECORD OF DEMANDS
	091-309-0685	PREPARE ACCIDENT REPORT (DA FORM 285)
	091-309-0698	INSPECT UNIT DEMANDS SUMMARY LISTING (AUTOMATED)
	091-309-0700	INSPECT RECONCILIATION LISTING (AUTOMATED)
	091-309-2026	INSPECT OIL ANALYSIS REQUEST (DD FORM 2026)

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY
BATTERY HEADQUARTERS

TASK: ESTABLISH AND MAINTAIN COMMUNICATIONS (06-2-A000.06-Q000)
 (FM 24-19) (ACP 125) (ACP 125 US SUPPL 1)
 (ACP 125(E)) (FM 24-18) (FM 24-35 (O))
 (FM 24-35-1) (FM 6-50) (FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is conducting combat operations and has radios, extracts of the signal operating instructions (SOI), and communications security (COMSEC) materiel. All systems are operational. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit communicates internally with all organic elements and externally with its controlling HQ IAW TSOP, SOI and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ol style="list-style-type: none"> 1. Radio operators prepare radios for operation as follows: + <ol style="list-style-type: none"> a. Secure radio in mount. b. Connect audio accessories. c. Install antenna. d. Perform operational checks of radio. 2. Radio operators make initial entry into net as follows: + <ol style="list-style-type: none"> a. Obtain appropriate call signs, suffixes, and frequency from SOI. b. Enter radio net. c. Authenticate when challenged by net control station (NCS). 3. Radio operators recognize frequency interference. <ol style="list-style-type: none"> a. Determine if electronic countermeasures (ECM) are being employed. b. Check for accidental or unintentional interference. c. Check for intentional interference. 4. Radio operators initiate prescribed electronic protection (EP) procedures. <ol style="list-style-type: none"> a. Disconnect the antenna. b. Identify the type of noise. <p>NOTE: SINCGARS cannot be tuned above or below the normal frequency if properly used.</p> <ol style="list-style-type: none"> c. Tune the receiver above or below the normal frequency. d. Identify jamming signals. e. Report interference received to leader. f. Employ anti-jamming measures. <ol style="list-style-type: none"> 5. Radio operators recognize and prevent imitative electronic deception. <ol style="list-style-type: none"> a. Identify intentional insertion of electromagnetic energy into transmission paths with objective of deceiving operators. b. Use properly authenticated aids to ensure that the enemy cannot enter your net. c. Challenge when suspected enemy are in the net. 6. Radio operators employ EP. <ol style="list-style-type: none"> a. Use COMSEC secure equipment if available. b. Set COMSEC equipment for proper code. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>c. Safeguard COMSEC equipment and materiel when COMSEC is used. d. Use only approved radiotelephone procedures. e. Use challenge and reply authentication, as required by SOI. f. Use approved codes and brevity list. Encrypt and decrypt grid coordinates using SOI (optional if on a secure net). g. Keep length and number of transmissions to a minimum with an objective of no more than 20 seconds per transmission. h. Use the lowest power setting required to communicate with desired stations. i. Use correct call signs and procedures. j. Observe periods of radio listening silence. k. Adhere to net discipline. l. Use terrain to mask signal when possible.</p> <p>7. The operations center makes initial entry into the internal/external nets and does the following: a. Establishes communications in low power with higher HQ and subordinate elements. Goes to medium/high power only if necessary. b. Acts as NCS on internal nets. c. Enters external nets (reply to authentication challenge from NCS). d. Uses challenge and reply authentication to ensure valid response before acting on orders or information (optional if on a secure net). e. Requests permission from NCS to leave the net, as required. f. Uses RETRANS frequency, if necessary, to communicate with controlling HQ. (The RETRANS must be operational and established by controlling HQ.) g. Conducts mobile subscriber equipment (MSE) voice and digital communications check with higher HQ.</p> <p>8. The unit makes initial entry into the appropriate nets IAW TSOP.</p> <p>9. The unit improves electronic line of sight by installing range enhancing antennas and/or directional antennas if necessary and does the following: a. Selects antenna site away from power lines and power generating equipment and uses terrain masking. b. Installs range enhancing antennas. c. Ensures antennas do not touch tree limbs or other surrounding objects. d. Accomplishes the transition from whip antenna to range enhancing antennas without interruption of communications. e. Conducts frequency and COMSEC variable change IAW SOI or as directed by higher HQ.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS STP 21-24-SMCT	061-275-8014	Supervise the Operation of SINCGARS TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-572-4008	
	113-572-5005	RECEIVE A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-572-6005	WRITE A UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-572-6006	READ A UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES
STP 6-13R14-SM-TG	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
	061-275-8013	Construct Field Expedient Antennas
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
	061-276-1012	Install Antenna Group OE-254/GRC
	061-288-5103	Install Antenna Group OE-254/GRC (Version 11)
	113-587-2061	Operate Radio Set AN/VRC-64 or AN/GRC- 160 with TSEC/KY-57
STP 6-82C14-SM-TG	113-587-2063	Operate Radio Set AN/VRC-43 or AN/VRC-46 with TSEC/KY-57
	061-275-8003	Operate SINCGARS ICOM
	061-276-1011	Use SOI Extract

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY
 BATTERY HEADQUARTERS

TASK: PREPARE FOR COMBAT (06-2-A098)
 (FM 100-5) (FM 7-10 (HTF)) (FM 7-7J)
 (FM 7-8 (HTF))

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is performing tactical operations. A new mission is received requiring the battery to prepare a warning order/OPORD/FRAGO. Combat may involve offensive or defensive operations. Continuous operations (day and night) are envisioned. US forces are operating under restrictive ROE. Some iterations of this task should be performed in MOPPP4.

TASK STANDARDS: The battery commander plans, coordinates and executes the battery preparation for movement into combat by the time specified in the OPOrd with all (TOE) weapons and equipment and in compliance with the ROE.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The BC receives the mission from battalion. * 2. The BC conducts steps 2 through 7 of the troop leading procedures. (See task 06-2-A099) * 3. Battery members concurrently perform personnel and equipment checks under the supervision of their leaders. + <ul style="list-style-type: none"> a. Perform maintenance, functional, and operational checks IAW applicable manuals and individual tasks. + <ul style="list-style-type: none"> (1) Vehicles (2) weapons (3) NBC equipment (4) Communications equipment (5) Night observation devices (6) Any special equipment b. Test fire weapons if the situation permits * 4. The BC issues his order to his subordinates, providing them with two thirds of the available time to develop their plans (if necessary), brief soldiers, and conduct inspections and rehearsals. + * 5. The XO or 1SG requests CS assets. * 6. The BC or his authorized representative coordinates plans and actions with higher, adjacent and supported units, including: + <ul style="list-style-type: none"> a. Fire plans b. Movement routes and times c. Current intelligence d. Control measures and FSCMs e. Communications and signals f. Time schedules g. Support requirements * 7. A key battery leader receives attachments (if applicable). <ul style="list-style-type: none"> a. Ensures attachments are briefed on: 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> (1) The battery mission and commander's intent. (2) Their specific tasks. (3) Pertinent battery SOP items. (4) The overall plan. (5) Recent enemy activities. (6) Recent battery activities. b. Ensures attachments are checked for mission readiness. c. Ensures individuals are linked up with subordinate leaders within the battery, as necessary. <p>8. The BC supervises the mission preparation and ensures compliance with the priorities of work.</p> <ul style="list-style-type: none"> a. Ensures subordinate elements prepare IAW unit SOPs and previous directives. + b. Directs subordinate leaders to conduct briefbacks of their plans (if applicable) to ensure his intent is understood. c. Directs the elements to prepare all field expedient equipment needed for their task (if applicable). d. Ensures key leaders conduct inspections of: + <ul style="list-style-type: none"> (1) Weapons and ammunition. (2) Uniforms and equipment. (3) Mission essential equipment. (4) Soldiers' knowledge and understanding of the mission and their specific responsibilities. (5) Communications. (6) Rations and water. (7) Camouflage (if applicable). <p>9. The BC plans and conducts rehearsals. +</p> <ul style="list-style-type: none"> a. Ensures key battery and special team actions are rehearsed as the time and situation permit. <ul style="list-style-type: none"> (1) May begin rehearsals of actions on contact and other SOP items before receipt of the OPOD. (2) Rehearses mission specific tasks once the order has been issued. (3) First priority for rehearsals are mission essential tasks. b. Selects the type of rehearsal based on time feasibility. <ul style="list-style-type: none"> (1) Full rehearsal (2) Key leader rehearsal (3) Terrain model rehearsal (4) Sketch map rehearsal (5) Map rehearsal (6) Radio rehearsal c. Identifies problem areas and contingency actions, movement reaction times, and coordination requirements. d. Ensures security is maintained (commensurate with tactical situation) during all rehearsals. <p>*10. The BC plans sustainment of combat operations. +</p> <ul style="list-style-type: none"> a. Determines anticipated ammunition, supply and service requirements with input from key leaders. b. Coordinates with key leaders to determine additional transportation needed to support the operation (if applicable). 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>c. Directs the XO or 1SG to coordinate with the battery supply sergeant, or battalion S4, for supply actions to support the battery's plan. The selected actions must provide adequate supplies when and where needed and not compromise the battery's security.</p> <p>d. Ensures the XO or 1SG requests, receives and distributes special equipment and supplies that the BC and other leaders have determined are needed.</p> <p>e. Establishes and enforces a rest plan for all battery personnel (especially key personnel and leaders) based on the unit SOP, mission analysis, and current orders</p> <p style="padding-left: 20px;">(1) Ensures coverage of leadership positions, key unit functions, and manning of key weapons are continuous</p> <p style="padding-left: 20px;">(2) The performance and judgment of leaders and key personnel are not degraded by fatigue</p> <p style="padding-left: 20px;">(3) Ensures the BOC & FDC can conduct continuous operations</p> <p>*11. The BC monitors the actions of higher, adjacent and supported units.</p> <p>*12. The BC issues orders or modifies the original plan as needed.</p> <p>13. The BOC reports critical combat information to higher, adjacent and supported units, as applicable. Some types of information and reports rendered are:</p> <p style="padding-left: 20px;">a. SALUTE on enemy contact</p> <p style="padding-left: 20px;">b. Terrain and minefield information</p> <p style="padding-left: 20px;">c. Changes in the friendly situation</p> <p style="padding-left: 20px;">d. Initiation of actions by the battery</p> <p style="padding-left: 20px;">e. CS or CSS requests required to execute tasks</p> <p style="padding-left: 20px;">f. Friendly information from other units that higher headquarters cannot monitor</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-I-MQS	O1-9007.01-0250	Brief to Inform, Persuade, or Direct
	O3-9001.10-0003	Apply the Ethical Decision-Making Process
	O3-9001.10-0004	Apply the Ethical Decision-Making Process as a Commander or Staff Officer
	O3-9001.12-0002	Communicate Effectively
	O3-9001.12-0003	Communicate Effectively as a Commander or Staff Officer
	S1-9011.04-0001	Command and Staff Functions
STP 6-13II-MQS	01-2999.99-0600	Command a Battery

ARTEP 6-303-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: BATTERY
 BATTERY HEADQUARTERS

TASK: DEVELOP AND COMMUNICATE A PLAN (06-2-A099)
 (FM 100-5) (FM 7-10 (HTF)) (FM 7-8 (HTF))

ITERATION: 1 2 3 4 5 M (Circle)
COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery is performing tactical operations. A new mission is received requiring the battery to prepare a warning order/OPORD/FRAGO. Combat may involve offensive or defensive operations. Continuous operations (day and night) are envisioned. US forces are operating under restrictive ROE. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The battery commander develops a plan following the eight step troop leading procedures. The plan follows the battalion commander's intent, is issued to subordinate leaders, using less than one third the time available and accomplishes the assigned mission. The battery complies with the ROE.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> * 1. The BC receives a warning order from the battalion. * 2. The BC conducts an initial METT-TC analysis to determine the requirements for his warning order. + * 3. The BC issues the warning order immediately or as soon as possible to subordinate leaders. + <ul style="list-style-type: none"> a. States situation. <ul style="list-style-type: none"> (1) Enemy (2) Friendly (3) Attachments/detachments b. States mission. c. Issues general instructions <ul style="list-style-type: none"> (1) Special (2) Uniform and equipment common to all (3) Special weapons, ammo, equipment (4) Tentative time schedule to include- <ul style="list-style-type: none"> (a) Earliest time of movement (b) Time and place of OPORD (c) Probable execution time (d) Inspection times and items to be inspected (e) Rehearsal times and actions to be rehearsed (5) Additional instructions as needed d. Issue special instruction <ul style="list-style-type: none"> (1) To subordinate leaders (2) To soldiers helping prepare the OPORD (3) As needed by SOP (4) Acknowledgment of receipt * 4. The subordinate leaders issue and execute platoon warning orders IAW unit SOP and initiate troop leading procedures. * 5. The BC receives the OPORD from the battalion. <ul style="list-style-type: none"> a. Clarify any questions 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>b. Coordinate with staff personnel</p> <p>* 6. The BC performs a mission analysis. +</p> <ul style="list-style-type: none"> a. Identifies the commander's concept and intent (battalion and maneuver brigade/FA brigade/Divarty) b. Identifies specified and implied tasks c. Identifies mission essential tasks (from b., above) d. Identifies limitations (ROE, FSCMs, recon NET time, etc) e. Performs the reverse planning process (backward time line) <p>* 7. The BC produces a restated mission statement (that contains the battery's mission essential tasks and the purpose for which they were assigned). +</p> <p>* 8. The BC updates the initial warning order as necessary. +</p> <p>* 9. The BC analyzes the situation using the remaining factors of METT-TC to include: +</p> <ul style="list-style-type: none"> a. Enemy <ul style="list-style-type: none"> (1) Composition (2) Disposition (3) Recent activities (4) Possible actions against battery (5) Weaknesses b. Terrain (OAKOC formally OCOKA) <ul style="list-style-type: none"> (1) Obstacles (2) Avenues of approach (3) Key terrain (4) Observation and fields of fire (5) Cover and concealment - Weather effects on the terrain, howitzers and other equipment, and soldiers of both forces. c. Soldiers (considerations) <ul style="list-style-type: none"> (1) Current location (2) Disposition (3) Fatigue (4) Supply status (5) Personnel strength (6) Current organization for combat (7) Capabilities of attachments d. Time <ul style="list-style-type: none"> (1) Updates three time schedule (2) Considers the time specified in the schedule (3) Evaluated space and time considerations (e.g. distance from assembly area to SP (start point)) <p>*10. The BC completes his tentative plan. +</p> <ul style="list-style-type: none"> a. Summarizes enemy and friendly situation b. Includes the battery mission statement c. Identifies tasks and purposes for all applicable subordinate elements and all specified/implied tasks IAW higher's intent - Ensures the Who, What, Where, When and How of each task is planned for. d. Addresses service support actions for the operation. e. Gives chain of command and signal operating instructions. <p>*11. The BC initiates movement, as required (adv. party, selected subunits, the entire battery, as necessary).</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>*12. The BC conducts Reconnaissance, Selection and Occupation of Position actions. +</p> <ul style="list-style-type: none"> a. Requests information update from battalion staff. b. Reconnoiters to gain information on the terrain and enemy and to select battery, platoon and/or gun positions. <p>*13. The BC completes the plan (in OPORD format) based on METT-TC considerations, his reconnaissance, and other sources. +</p> <ul style="list-style-type: none"> a. States the situation. <ul style="list-style-type: none"> (1) Enemy <ul style="list-style-type: none"> (a) Disposition, composition and strength (b) Capabilities (c) Probable actions against the battery (2) Friendly <ul style="list-style-type: none"> (a) Higher unit's mission (b) Left unit's mission (c) Right unit's mission (d) Forward unit's mission unit in reserve of following (e) Units in support or reinforcing (3) Attachments or detachments b. States the mission <ul style="list-style-type: none"> (1) Mission statement should be a clear, concise statement that includes the who, what, when, where and why (purpose) of the operation, with the what describing the mission- essential tasks. c. Plans execution <ul style="list-style-type: none"> (1) General concept of the operation that ties the battery's purpose to the battalion's purpose (2) Scheme of movement for the battery (3) Details the who, what, when, where and how of each task to be accomplished (4) Includes coordinating instructions <ul style="list-style-type: none"> (a) MOPP level (b) Air defense warning and control system (c) Actions on contact (d) FSCMs (e) Report requirements (f) ROE Other instructions that apply to more than one subunit. (g) Other instructions that apply to more than one subunit. d. Plans service and support <ul style="list-style-type: none"> (1) General <ul style="list-style-type: none"> (a) Outline for the general plan of CSS - LOGPAC and ammunition loads and redistribution (b) Provides current and proposed trains locations (2) Material services <ul style="list-style-type: none"> (a) Services (b) Labor (c) Maintenance (d) Transportation (e) Supply (3) Medical evacuations <ul style="list-style-type: none"> (a) Casualty collection area (b) Methods of transporting causalities (c) Location of and route to , BN aid station and ambulance exchange points 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> (d) Casualty marking (e) NBC casualty handling (CCCP and route) (4) Personnel (as applicable) <ul style="list-style-type: none"> (a) EPW evacuation and collection point (b) Replacement instructions (c) Religious services (5) Civil military operations (6) Miscellaneous service support instructions e. Plans command and signal <ul style="list-style-type: none"> (1) Command <ul style="list-style-type: none"> (a) Location of the higher commander and CP (b) Location of Battery commander and BOC (c) Location of XO (d) Succession of command (2) Signal <ul style="list-style-type: none"> (a) SOI index in effect (b) State of listening silence (c) Methods of communication establishment in priority (d) Code words and signals <p>*14. The BC communicates the OPORD. +</p> <ul style="list-style-type: none"> a. Ensures all key leaders attend the OPORD briefing and are prepared to take notes. <ul style="list-style-type: none"> (1) XO or Platoon leaders (2) 1SG (3) FDO (4) CFB or platoon sergeants (5) Gunnery sergeant (cannon only) (6) Sections chiefs b. Develops a terrain model or sketch to assist in clarifying details of the plan. The terrain model or sketch shows the area of operations and areas of special interest (e.g., main routes, battery position areas, routes from primary to alternate positions...) c. Ensure there is no repetition of instructions that were briefed in a previous paragraph unless it is vital to clarify a task. d. Conducts brief backs with subordinate leaders immediately after the OPORD to ensure they understand their instructions. e. Ensures subordinate leaders perform lateral coordination before leaving the orders site. <p>NOTE: If in split battery operations and the Platoon Leaders prepare their own platoon OPORDs, add the following step:</p> <ul style="list-style-type: none"> f. Conducts brief back of subordinate plans once they are developed. 		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-I-MQS	O1-9007.01-0250	Brief to Inform, Persuade, or Direct
	O3-9001.10-0003	Apply the Ethical Decision-Making Process
	O3-9001.10-0004	Apply the Ethical Decision-Making Process as a Commander or Staff Officer
	O3-9001.12-0002	Communicate Effectively
	O3-9001.12-0003	Communicate Effectively as a Commander or Staff Officer
STP 6-13II-MQS	01-2999.99-0600	Command a Battery

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY HEADQUARTERS

TASK: COMMAND AND CONTROL BATTERY/PLATOON/SECTION MOVEMENT OPERATIONS (06-3-A004)

(FM 6-20)

(FM 6-50)

(FM 6-60)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The battery/platoon is conducting combat operations. The BC/platoon leader has received a movement order and guidance. The battery/platoon personnel have been alerted. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The BC/platoon leader directs the movement IAW unit TSOP, commander's guidance and applicable FMs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. The BC/platoon leader commands and controls reconnaissance operations as follows:</p> <ul style="list-style-type: none"> a. Plans and arranges supporting fires for movement. b. Determines the type of reconnaissance to use and plans reconnaissance. c. Considers primary and alternate routes and designates route guides as required. d. Performs ground reconnaissance of next position. e. Alerts and assembles advance party IAW TSOP. f. Coordinates with controlling HQ to determine method of controlling fires during move. g. Briefs senior leaders and advance party. Briefings include: <ul style="list-style-type: none"> (1) Mission. (2) Method and route of march. (3) Time of displacement. (4) General enemy situation. (5) Location of friendly units. (6) Use of communications. <p>* 2. The BC/platoon leader commands and controls recovery and preparation for movement as follows:</p> <ul style="list-style-type: none"> a. Alerts personnel to prepare to move. b. Plans tactical movement IAW TSOP. c. Issues march order to include: <ul style="list-style-type: none"> (1) Friendly situation. (2) Mission. (3) New position area. (4) Organization of column. (5) Rate and route of march. (6) Communications instructions. (7) Air guards and their sectors of search. (8) Security. (9) Warning signals. <p>* 3. The BC/platoon leader commands and controls the tactical march as follows:</p> <ul style="list-style-type: none"> a. Ensures battery/platoon crosses start point (SP) and release point (RP) at designated times. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Reports the location of disabled vehicles that cannot be recovered by organic assets to the higher HQ. c. Ensures column continues to move. d. Ensures maintenance section is prepared to operate separately, recover disabled vehicles, and report nonrecoverable vehicles to battery/platoon HQ. e. Maintains march discipline. f. Establishes and implements immediate action procedures for: <ol style="list-style-type: none"> (1) Indirect artillery fires. (2) Air attacks. (3) Roadblocks. (4) Ambushes. g. Maintains communications with higher HQ. h. Selects alternate positions. i. Ensures the unit is in position and ready for operations at the prescribed time. +		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
No STP and No MOS	061-288-5302	Direct The Tactical Movement of Firing Plt(s)(Version 11)
STP 21-1-SMCT	071-329-1008	Measure Distance on a Map
	071-329-1012	ORIENT A MAP TO THE GROUND BY MAP TERRAIN ASSOCIATION
	551-721-1359	DRIVE VEHICLE IN A CONVOY
	551-721-1363	DRIVE VEHICLE WITH OR WITHOUT TRAILER/SEMITRAILER IN BLACKOUT CONDITIONS
STP 21-24-SMCT	051-196-3065	PREPARE A ROUTE RECONNAISSANCE OVERLAY
	071-326-3013	CONDUCT A TACTICAL ROAD MARCH
	071-326-5626	PREPARE AN ORAL OPERATION ORDER
	071-326-5630	CONDUCT MOVEMENT TECHNIQUES BY A PLATOON
	071-326-5805	CONDUCT A ROUTE RECONNAISSANCE MISSION
	071-329-1019	USE A MAP OVERLAY
	071-331-0820	ANALYZE TERRAIN
	071-332-5000	Prepare an Operation Overlay
	071-720-0015	CONDUCT AN AREA RECONNAISSANCE BY A PLATOON
	551-721-3352	DIRECT CONVOY DEFENSE OPERATIONS
551-721-3359	PREPARE A STRIP MAP	

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
	551-721-4326	PERFORM DUTIES AS CONVOY COMMANDER
	850-001-2001	ASSESS POTENTIAL FOR ACCIDENTS
STP 21-I-MQS	O3-4651.90-0001	Supervise Training and Licensing of Unit Equipment Operators
STP 6-13II-MQS	01-2999.99-0600	Command a Battery
STP 6-13P14-SM-TG	061-287-5017	Verify Reporting of Tactical Platoon Status

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: INSTALL /OPERATE/MAINTAIN A SINGLE CHANNEL VOICE RADIO STATION (11-5-0102.06-A000)

(FM 24-19)
(FM 24-18)
(FM 24-35-1)
(FM 5-36)

(FM 19-30)
(FM 24-33)
(FM 3-4)

(FM 20-3)
(FM 24-35 (O))
(FM 3-5)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The team is briefed and has the SOI/SSI extracts, appropriate keying devices for secure speech operations, radio net diagram, maps, and grid coordinates. General condition applies. (See Chapter 2, paragraph 2-2.) Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The radio set is properly installed and fully operational IAW times specified in the OPLAN/OPORD. Performance in MOPP 4 increases the time required to complete the task.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Team chief selects site for equipment placement.</p> <ul style="list-style-type: none"> a. Selects site for antenna mast(s). b. Ensures location provides the best cover and concealment possible. c. Ensures location provides the best possible physical security. d. Ensures location provides access to at least one escape route from the OPFOR. e. Establishes/maintains physical security/control of COMSEC materials and documents containing EEFI. <p>2. The team installs radio set.</p> <ul style="list-style-type: none"> a. Performs before operation PMCS b. Sets assigned frequency. c. Makes required settings. d. Checks for proper cable connections. e. Loads variables in required encrypt ion devices. <p>3. Team chief prepares physical security plan.</p> <ul style="list-style-type: none"> a. Establishes/maintains physical security/control of COMSEC and documents containing EEFI. b. Incorporates site defense into overall defense plan. <p>4. The team operates radio set.</p> <ul style="list-style-type: none"> a. Uses low power. b. Establishes contact. c. Properly enters net. d. Performs during operations PMCS. e. Remotes radio set if required. <p>5. The team extends the range of the radio station. (See safety note.)</p> <ul style="list-style-type: none"> a. Selects site for antenna installation. b. Installs RC-292 or OE-254 antenna (team method). 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> c. Ensures the number of antenna sections used for the radiating and ground plane elements conform to the operating frequency IAW the SOI/SSI when using the RC-292 antenna. d. Accomplishes the transition from whip to appropriate antenna without unnecessary interruption of service. <p>6. The team installs generator set if required.</p> <ul style="list-style-type: none"> a. Positions generator set. b. Conducts preoperational checks. c. Rolls canvas inward and up if required. d. Unpacks cables and equipment if required. e. Grounds generator. f. Establishes fuel point. g. Establishes fire point. h. Starts generator. Accomplishes transition to generator power without unnecessary interruption of communications. i. Attempts to reduce generator noise by sandbagging or other appropriate means. <p>7. The team employs preventive ECCM techniques.</p> <ul style="list-style-type: none"> a. Preplans messages b. Transmits quickly and precisely. c. Uses low power when possible. d. Uses antenna with shortest feasible range. e. Uses proper radiotelephone procedures. f. Operates on a random schedule. g. Encrypts all EEFI category data. h. Authenticates when using non-secure communications means. <p>8. The team implements remedial ECCM techniques.</p> <ul style="list-style-type: none"> a. Recognizes jamming/interference. b. Determines if interference is from internal or external source. c. Determines if interference is unintentional or intentional. d. Notifies immediate supervisor of suspected jamming. e. Continues operation. f. Increases transmitter power. g. Reroutes traffic using alternate means. h. Relocates antenna. i. Requests frequency change. j. Submits MIJIFEEDER Voice Template Message Report. <p>9. The team assumes the duties of NCS.</p> <ul style="list-style-type: none"> a. Initiates net call. b. Controls entry and departure of stations in the net. c. Monitors the net and corrects errors in operating procedures. d. Imposes or lifts listening silence. e. Closes the net. <p>10. The team maintains radio equipment.</p> <ul style="list-style-type: none"> a. Performs PMCS as required b. Performs fault isolation as required. c. Performs user level maintenance as required d. Evacuates faulty equipment as required. e. Completes all necessary entries in maintenance records. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Reports all uncorrected deficiencies to immediate supervisor.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 11-31C13-SM-TG	113-573-0007	IDENTIFY COMSEC INSECURITIES
	113-573-4003	ENCODE AND DECODE MESSAGES USING KTC 600(*) TACTICAL OPERATIONS CODE
	113-573-4006	USE THE KTC 1400(*) NUMERAL CIPHER AND AUTHENTICATION SYSTEM
	113-573-6001	Recognize Electronic Countermeasures (ECM) and Implement Electronic Counter-Countermeasures (ECCM)
	113-573-7017	PREPARE/SUBMIT OPERATOR'S (MIJI) REPORT
STP 21-24-SMCT	113-572-4008	TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-572-5005	RECEIVE A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES
	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: BATTERY

TASK: INSTALL/OPERATE/MAINTAIN A SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINCGARS) FREQUENCY HOPPING (FH) NET (11-5-1102.06-A001)

(FM 11-32)

(FM 20-3)

(FM 24-18)

(FM 24-19)

(FM 24-33)

(FM 24-35 (O))

(FM 24-35-1)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The team has been briefed and has signal operating instructions/signal supplemental instructions (SOI/SSI) extracts, appropriate loading devices with keys, radio net diagram, maps, and grid coordinates. Sub tasks 1 through 4 are done in the motor pool or staging area prior to going to the field location. General condition applies. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The single-channel ground and airborne radio system (SINCGARS) radio sets are operational IAW the TSOP, applicable supporting products and the operation plan/operation order.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>* 1. Supervisor checks radios for completeness and operability. + a. Checks that vehicular and/or manpack systems are assembled correctly. WARNING: High voltages exist at connector J1 on the mounting adapter. Be sure J1 is covered or capped when not in use. b. Checks that operator has logged amp hours (manpack only). c. Checks to ensure preoperational preventive maintenance checks and services (PMCS) are completed. CAUTION: RF energy is present near the antenna during transmissions. Maintain at least 30 inches between vehicular antenna and personnel during transmission. An antenna tip cap must be in place on the antenna. Tie down the antenna so the distance from the ground to the tip cap is 7 feet or more.</p> <p>* 2. The supervisor selects the site. a. Selects primary and alternate locations within the general site. b. Establishes/maintains camouflage discipline. c. Checks that location provides effective use of terrain in an electronic warfare environment. d. Checks that location avoids interference from power lines and other friendly sources of frequency interference.</p> <p>3. Net Members perform premission checks for SINCGARS frequency hopping (FH) cold start net opening. + a. Perform before operation PMCS. b. Load transmission security key (TSK) using MX-10579 or MX-18290 (non-ICOM) only. c. Load hopset using MX-18290 (ICOM only). d. Load traffic encryption key (TEK) using KYK-13.</p> <p>4. Net control station (NCS) performs premission checks for SINCGARS FH cold start net opening. + a. Performs preoperational PMCS. b. Loads TSK and hopset using MX-10579 or MX-18290 (non-ICOM only). c. Loads hopset using MX-18290 (ICOM only). d. Loads TEK using KYK-13.</p>		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<ul style="list-style-type: none"> e. Loads FH sync time IAW signal operating instructions/signal supplemental instructions (SOI/SSI). f. Loads CUE frequency. g. Directs ALT NCS to load CUE frequency as required. h. Changes net identification IAW SOI/SSI. <p>5. NCS opens net. +</p> <ul style="list-style-type: none"> a. Issues net call in the secure mode on the MAN channel. b. Issues electronic counter-countermeasures remote fill (ERF) instructions and sends ERF. c. Sets channel switch to hopset channel and issues net call. d. Opens net. e. Resets channel switch to MAN and calls missing net members. f. Repeats cold start. g. Sets FCTN switch to SQ ON. <p>6. Net members enter the net.</p> <ul style="list-style-type: none"> a. Respond in correct sequence to net call. b. Store ERF and set channel switch to hopset channel and FCTN switch to SQ ON. c. Respond in correct sequence to net call. d. If missed ERF, or heard no communications on hopset channel, reset channel switch to MAN and FCTN switch to LO. e. Respond in sequence to NCS call. <p>7. Net members perform late net entry (LNE), cue, and ERF method.</p> <ul style="list-style-type: none"> a. Perform premission checks for FH cold start. b. Load cue frequency IAW SOI/SSI. c. Initiate cue call. d. Report into net. e. Switch to MAN channel and conducts cold start net opening. <p>8. Net members use proper radio procedures. +</p> <ul style="list-style-type: none"> a. Keep the length and number of transmissions to a minimum. b. Use the lowest power setting required to communicate. c. Use authorized call signs and frequencies. d. Observe periods of radio listening silence. e. Operate on a random schedule. f. Adhere to net discipline. <p>9. The team members recognize different types of interference.</p> <ul style="list-style-type: none"> a. Check RT SIG display when not transmitting if the display is constantly or intermittently higher than 1; disconnect antenna to determine if the interference is internal or external. b. Notify maintenance of internal symptoms. c. Initiate electronic protection (EP) for external symptoms. <p>10. The team members initiate EP actions.</p> <ul style="list-style-type: none"> a. Continue to operate. b. Do not disclose in the clear the effectiveness of the jamming. c. Reduce transmission speed. d. Increase transmitter power. e. Relocate antenna. f. Prepare and forward MIJIFEEDER Voice Template Message Report to supervisor. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>11. The team members extend the range of the radio station. +</p> <ol style="list-style-type: none"> a. Inspect OE-254 antenna for serviceability. b. Install OE-254 antenna (team method). c. Accomplish the transaction from the whip to OE-254 antenna without unnecessary interruption of service. <p>12. The retrans team establishes a retransmission site (battalion and higher). +</p> <ol style="list-style-type: none"> a. Installs and connects OE-254 antennas. b. Performs preoperational PMCS. c. Loads CMD NET MAN frequency in radio C. d. Loads CMD NET MAN and cue frequencies in radio D. e. Loads TSK and TEK into both radios (non-ICOM only). f. Loads hopset and TEK into both radios (ICOM only). g. Cues LNE using radio D. h. Stores ERF in both radios. i. Changes radio D to RTS MAN and cue frequencies, and RTS net ID. j. Sets radios C and D FCTN switches to RXMT. <p>13. Team members initiate net radio interface (NRI) call.</p> <ol style="list-style-type: none"> a. Call the NRI operator on the NRI hopset channel or initiate a cue call on the NCI cue channel as required. b. Switch to NRI MAN channel. c. Establish communications on the NRI hopset channel. d. Identify telephone subscriber by call sign or telephone number. <p>14. The team members maintain SINCGARS radio net.</p> <ol style="list-style-type: none"> a. Perform PMCS as required. b. Perform fault isolation as required. c. Perform user level maintenance as required. d. Evacuate faulty equipment as required. e. Complete all necessary entries in maintenance records. f. Report all uncorrected deficiencies to immediate supervisor. <p>15. NCS closes the net.</p> <ol style="list-style-type: none"> a. Calls net and issues close down instructions. b. Receives acknowledge in correct sequence. c. Acknowledges net members. d. Performs after operation PMCS. <p>SAFETY NOTE: Operators follow all appropriate safety guidelines and regulations. ALL COMMANDERS WHO USE THE OE-254/RC-292 ANTENNA FAMILIES MUST COMPLY WITH THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. Follow procedures outlined in TM 11-5895-357-13. 2. Wear protective equipment when erecting and assembling the antennas (eye goggles, helmet, gloves). 3. Install element tip protectors (NSN: 5985-00-930-7223) or other suitable tip caps including modified tennis balls, rubber tubing, and so forth, over the tip ends as authorized in CECOM Message 031800Z Feb 89. 4. Prohibit unauthorized modifications (that is, use of camouflage poles in lieu of the OE-254 mast sections). 5. Prohibit raising the antenna past its maximum safe height. 		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
<p>6. Inspect all OE-254 antenna masts for the presence of "through" cracks around the notch before and after erection. Remove all antenna masts from service if "through" cracks of 1/4 inch or greater are identified and order replacement for these masts.</p> <p>7. Use a gin pole or other suitable device to lift the antenna feed cone with elements off the ground to erect. This will reduce the stress placed on the antenna during erection.</p> <p>8. Do not place an individual under the antenna during the erection process.</p> <p>9. Place the notches on the backside of the antenna during erection to reduce the stress at the joints.</p> <p>10. Remove one upper mast section as authorized by CECOM Message 102800Z Mar 90.</p>		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 21-24-SMCT	113-572-4008	TRANSMIT A VOICE UNITED STATES MESSAGE TEXT FORMAT (USMTF) MESSAGE
	113-573-0002	CONDUCT OPERATIONS SECURITY (OPSEC) PROCEDURES
	113-573-8006	USE AN AUTOMATED SIGNAL OPERATION INSTRUCTION (SOI)
STP 6-13B1-SM	061-275-8004	Operate SINCGARS ICOM w/VIC-1
STP 6-13C14-SM-TG	061-276-1011	Use SOI Extract
	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8014	Supervise the Operation of SINCGARS
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
	061-276-1010	Install Antenna Group OE-303
	061-276-1011	Use SOI Extract
STP 6-13D14-SM-TG	061-276-1012	Install Antenna Group OE-254/GRC
	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8014	Supervise the Operation of SINCGARS
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
	061-276-1011	Use SOI Extract
	061-276-1012	Install Antenna Group OE-254/GRC

SUPPORTING INDIVIDUAL TASKS

References	Task Number	Task Title
STP 6-13E13-SM-TG	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8014	Supervise the Operation of SINCGARS
	061-276-1011	Use SOI Extract
	061-276-1012	Install Antenna Group OE-254/GRC
	061-279-5003	Maintain Communication Using the AFC/DS
STP 6-13F14-SM-TG	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8014	Supervise the Operation of SINCGARS
	061-276-1012	Install Antenna Group OE-254/GRC
STP 6-13F14-SM-TG(VER11)	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8014	Supervise the Operation of SINCGARS
	061-276-1012	Install Antenna Group OE-254/GRC
STP 6-13M14-SM-TG	061-275-8004	Operate SINCGARS ICOM w/VIC-1
STP 6-13P14-SM-TG	061-275-8004	Operate SINCGARS ICOM w/VIC-1
	061-275-8006	Operate as a Net Control Station (NCS)
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
	061-276-1012	Install Antenna Group OE-254/GRC
STP 6-13R14-SM-TG	061-275-8003	Operate SINCGARS ICOM
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
	061-276-1011	Use SOI Extract
STP 6-82C14-SM-TG	061-276-1012	Install Antenna Group OE-254/GRC
	061-275-8003	Operate SINCGARS ICOM
	061-275-8014	Supervise the Operation of SINCGARS
	061-275-8015	Supervise SINCGARS Net Control Station (NCS) Procedures
STP 6-93F14-SM-TG	061-276-1011	Use SOI Extract
	061-275-8003	Operate SINCGARS ICOM

OPFOR TASKS AND STANDARDS: NONE

CHAPTER 6

External Evaluation

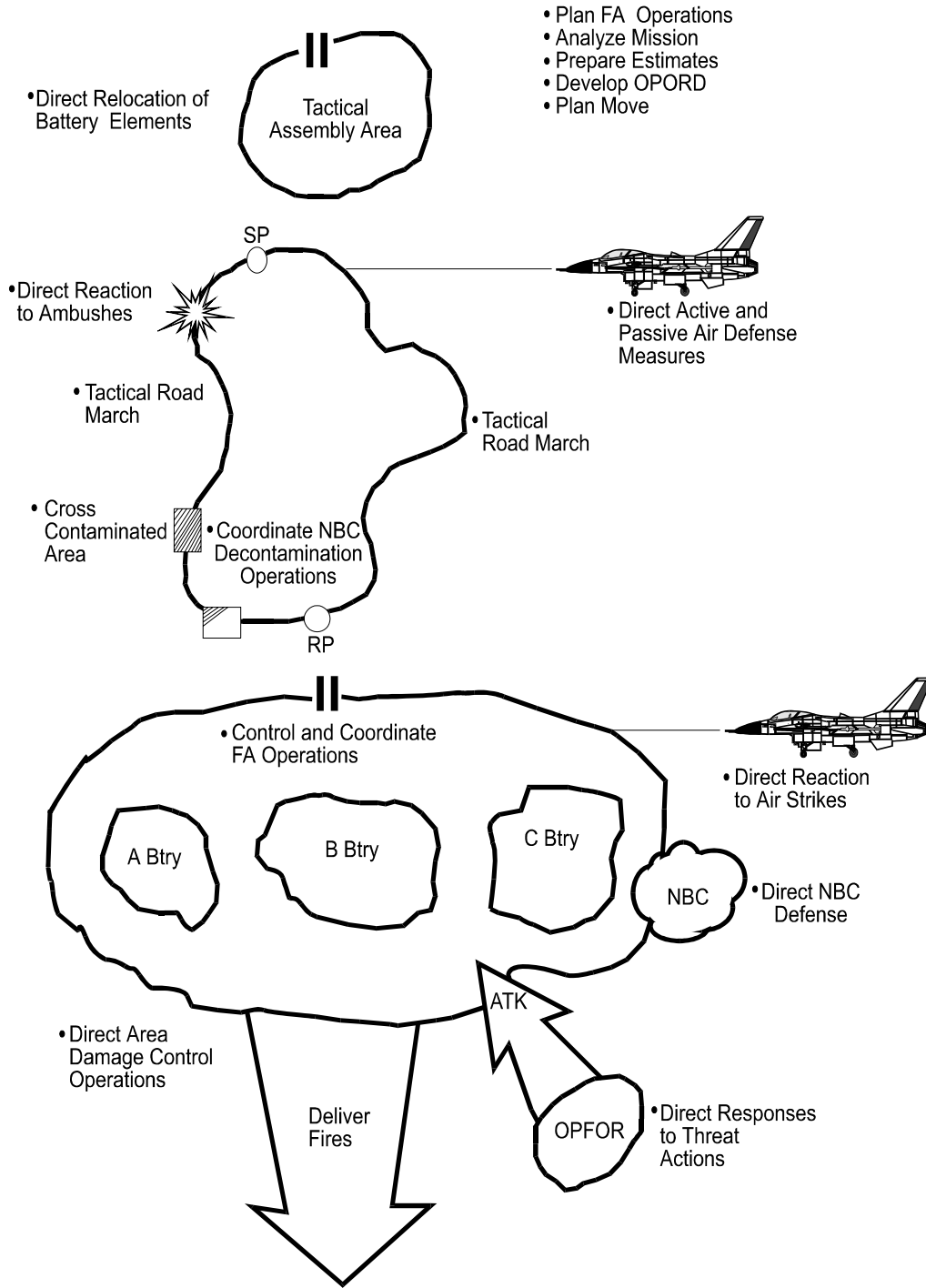
- 6-1. General. Evaluations are conducted to assess a unit's ability to perform its missions. This chapter is a guide for preparing evaluations. Using units may modify this evaluation, based on METT-TC and other considerations, as deemed appropriate by the commander. Selected T&EOs in Chapter 5 are used for evaluations that involve the total unit and employ a realistic OPFOR and the use of MILES. At the end of the evaluation, the commander can identify the strengths and weaknesses of his unit. These strengths and weaknesses are the basis for future training and resource allocations.
- 6-2. Preparing the Evaluation. The commander must standardize evaluation procedures to accurately measure the unit's capabilities.
- a. Preparing the Evaluation Instrument. The sample evaluation scenario in Table 6-1 contains the missions as well as the appropriate tasks necessary to develop the scenario and execute the evaluation. Figure 6-1 is a graphic representation of the scenario. Selective tailoring is required because it is not possible to evaluate every task. The following procedures are suggested for developing the evaluation.

BATTALION EVALUATION SCENARIO				
<u>EVENT</u>	<u>ACTION</u>	<u>ESTIMATED TIME ALLOTTED</u>	<u>PROPOSED TIME FRAME</u>	
1	Conduct preevaluation activities (for example, install, align, and troubleshoot MILES equipment; conduct inspections, draw equipment and ammunition)	Before start time		
2	Occupy Assembly Area	1hr.	Day 1	1700
3	Receive Battalion OPORD	30min.		1730
4	Prepare for Combat Operations	1hr.		1830
5	Reconnoiter Operations Area	1hr.		1930
6	Move Tactically	1hr.		2030
7	Ambush Convoy and Air Operations	1hr.		2130
8	Conduct NBC Operations	1hr.		2230
9	Consolidate and Reorganize - Intermediate AAR	30min.		2300
10	Receive Battalion OPORD	30min.		2330
11	Conduct Air Operations	30min.		2400
12	Conduct Threat Level I and II Activities	6hrs.	Day 2	0600
13	Intermediate AAR	30min.		0630
14	Receive Battalion OPORD	30min.		0700
15	Move Tactically	1hr.		0800
16	Conduct NBC Operations	1hr.		0900
17	Conduct Threat Level I and II Activities	3hrs.		1200
*	Administrative Move to AAR Site	1hr.		1300
18	After Action Review	2hrs.		1500
19	ENDEX			1600

*Total time 24 hrs.

*Movement time between evaluated actions vary and is not completely accounted for.

Table 6-1. Sample Evaluation



Scenario

Figure 6-1. Example Graphic Scenario

- (1) Identify the missions for evaluating each echelon or element, using Figure 2-1 in Chapter 2.
2. Record the selected missions in the Unit Proficiency Worksheet (UPW), Figure 6-2.

Unit: _____						Date: _____
No.	Unit Mission/Task	Section/ Squad	Section/ Squad	Section/ Squad	Section/ Squad	Unit Overall Rating & Remarks
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	
		GO	GO	GO	GO	
		NO-GO	NO-GO	NO-GO	NO-GO	

*If more space is required for remarks use the back side of this form

Figure 6-2. Example Unit Proficiency Worksheet

- (3) Select the tasks for the evaluation of every mission. List the selected tasks on the Task Summary Sheet which is used for recording the results of the evaluation.

SUPPORT REQUIREMENTS WORKSHEET				
FTX/STX: <u>FTX 6-2-E0001 (Control and Coordinate FA Operations)</u>				
Maneuver Area:				
CLASS I: (Ration Cycle):	<u>A-C-A</u>	# of days: <u>03</u>		
CLASS II (Other Equipment):				
CLASS III (POL):				
CLASS IV (Barrier Materials):				
Training mines	Sandbags	Lumber	Wire	Pickets
CLASS V (Ammunition):				
7.62mm blanks	600		Rockets	6 Per SPLL
5.56mm blanks	3240		MILES EQUIPMENT:	
Artillery simulators	20		M16 system	85
Hand grenades	20		M60 system	4
CLASS VII (End items):		Controller guns	2	
		Small arms alignment fixture	1	
CLASS VIII (Medic):				
CLASS IX (Maintenance):				
Other:				
Evaluators:				
# of evaluators	# of HMMWVs		Communications/frequencies	Controller guns
5	5		as needed	5
Friendly Forces (CS/CSS):				
OPFOR: OPFOR with vehicles, MILES, weapons, and appropriate radio frequencies				

Figure 6-4. Support Requirements

- (4) Compile the selected missions and tasks in the order they logically occur in the detailed scenario. Group the selected missions and tasks in parts for continuous operations, Table 6-1, Sample Evaluation Scenario. Parts can be interrupted at logical points to assess MILES casualties and conduct in-process AARs.
- b. Forecasting and Requisitioning Resources. Adequate training ammunition, equipment, and supplies must be forecasted and requisitioned. Figure 6-4 is a list of support requirements for this evaluation. It is based on experiences with the scenario in Table 6-1. The evaluating headquarters prepares its own support requirements.
- c. Selecting and Preparing the Field Evaluation Site. Required size, type of terrain, OPFOR requirements, and administrative requirements are the basis for site selection. For this evaluation an area of 5 kilometers X 10 kilometers was selected. The OPFOR is positioned according to threat doctrine. The site must provide space for the administrative area required to support the evaluation.
 - d. Planning Indirect Fire Simulation. Because it greatly influences the outcome of battles, reaction to indirect fire is an important consideration of the evaluation. Indirect fire simulation requires considerable planning to achieve realism.
 - (1) The fire marker control system outlined in TC 25-6 is a recommended method of simulating indirect fire. Due to the amount of required resources, this method may be difficult to support.
 - (2) The commander may use the evaluation control headquarters method or the simulation without OPFOR method to evaluate the unit's ability to react to indirect fire. If the evaluation control headquarters method is used, the OPFOR initiates a call for fire to the evaluation control headquarters, which simulates the tactical FDC. The control headquarters would then relay the delivery data to the O/Cs who would mark the impact of the round with artillery simulators and assess appropriate casualties. If an OPFOR is not used, the O/C may ignite artillery simulators and observe the unit's reactions. The FM 25 series provide assessment and computation tables that may be used to determine casualties. Indirect fire simulation must be realistic and limited to what the unit could reasonably expect under combat conditions.

6-3. Selecting the Observer/Controllers

- a. O/Cs must know the unit's missions, organization, equipment, and employment. The senior O/C should be at least equal in rank to the unit commander and have successfully performed in that specific or similar command position.
- b. The following are minimum rank and experience requirements for O/Cs:
 - (1) Battalion O/C is an officer with battalion command experience.
 - (2) Battery O/Cs are officers with battery command experience.
 - (3) Recorder is an officer or NCO at the evaluation control headquarters who receives "kill" information or results and time data from the O/Cs.

6-4. Training the Observer/Controllers. O/Cs standardize administration of the evaluation by understanding the following functional areas:

- a. Evaluation Design. Each part is designed to evaluate specific missions or tasks within the overall scenario. O/Cs must thoroughly understand the evaluation and correctly implement it.

- b. MILES. Each O/C, regardless of position, must have full knowledge of the unit's weapons and vehicles and must also thoroughly understand the MILES system being used. The unit commander is responsible for ensuring that all MILES equipment is functional before each part of the scenario.
- c. Evaluation Control System. This system ensures that the evaluation is administered in a consistent and standardized manner and that correct data is collected for the final evaluation. It includes the following elements:
 - (1) Rules of engagement.
 - (2) O/C duties and responsibilities.
 - (3) Communications systems.
 - (4) Evaluation data collection plan.

6-5. Recording External Evaluation Information

- a. The evaluating headquarters develops the data recording instruments for the O/Cs. The Unit Data Sheet, Figure 6-5, documents demographic information which may reflect on a unit's performance. The Environmental Data Sheet, Figure 6-6, documents weather information in order to compare missions under differing environmental conditions. The Personnel and Equipment Loss Report, Figure 6-7, documents information that may affect the unit's degree of success during engagements with the OPFOR.

UNIT DATA SHEET						
1. UNIT DESIGNATION:					DATE:	
2. UNIT LEADERS: (CIRCLE MOST CORRECT ANSWER)						
POSITION	RANK	TIME IN UNIT (MONTHS)				
BATTERY COMMANDER	CPT	1-3	4-6	7-12	13-18	>19
FIRST SERGEANT	1SG	1-3	4-6	7-12	13-18	>19
PLATOON LEADER	1LT/2LT	1-3	4-6	7-12	13-18	≥19
PLATOON SERGEANT	SFC/SSG	1-3	4-6	7-12	13-18	≥19
1ST SECTION CHIEF	SSG/SGT	1-3	4-6	7-12	13-18	≥19
2ND SECTION CHIEF	SSG/SGT	1-3	4-6	7-12	13-18	≥19
3RD SECTION CHIEF	SSG/SGT	1-3	4-6	7-12	13-18	≥19
3. UNIT STRENGTH (EXCLUDING LEADERS):						
4. EQUIPMENT SHORTAGES (MAJOR ITEMS):						
5. COMMENTS:						
OBSERVER/CONTROLLER'S SIGNATURE:						

Figure 6-5. Example Platoon Unit Data Sheet

ENVIRONMENTAL DATA SHEET						
EXERCISE NUMBER AND DESCRIPTION:						
DATE/TIME EXERCISE STARTED:						
DATE/TIME EXERCISE ENDED:						
1. WEATHER CONDITIONS: (Circle appropriate description)						
Clear	Partly Cloudy	Cloudy	Hazy	Rain	Snow	Fog
Other:						
Temperature:						
2. GROUND CONDITIONS: (Circle appropriate description)						
Dry	Wet	Ice	Snow			
Other:						
3. LIGHT CONDITIONS: (Circle appropriate description)						
Day	Night					
Moon Phase:		1/4	1/2	3/4	Full	
Average Range of Visibility Due to Light:						
4. TERRAIN: (Circle appropriate description)						
Flat	Rolling	Mountains	Jungle	Desert	Urban	Arctic
Other:						
Top Soil:		Sandy	Rocky	Clay	Other:	
Average Range of Visibility Due to Terrain:						
5. REMARKS:						

Figure 6-6. Example Environmental Data Sheet

- b. The senior O/C has the overall responsibility for preparation of the external evaluation. This evaluation is based on his own findings and his subordinate O/C's input. Subordinate O/Cs use the task evaluation criteria (T&EO from Chapter 5 and Task Summary Sheet) to determine overall proficiency in their particular areas. The senior O/C compiles the external evaluation results as prescribed by the evaluating commander. Deviations from the task standard assessed by the battery O/C may be addressed in the senior O/C comments portion of the UPW.
- 6-6. Selecting and Training the Opposing Forces. The selection and training of the OPFOR is crucial to the success of a standardized evaluation. The OPFOR provide one of the control measures that influences the conditions under which the evaluation is administered. The unit should face an opponent who realistically resembles the threat in strength, weapons, and skill.
- a. Selection. Any qualified Skill Level 1 or 2 soldier can serve as a member of the OPFOR. Ideally, the OPFOR should be a small cohesive unit under the control of their leader or commander.
 - b. Training. The OPFOR must understand the following six major areas:
 - (1) Installation and operation of the MILES devices.
 - (2) Rules of engagement.
 - (3) Threat small unit tactics.
 - (4) Training scenarios.
 - (5) OPFOR weapons and equipment, if available.
 - (6) Safety.
 - c. Opposing Forces Strength
 - (1) Offense. Using MILES, the unit should outnumber the OPFOR three to one if an attack is to be successful. If the OPFOR are stronger than this ratio, only the most exceptional unit will be successful. They must be armed with weapons capable of defeating any of the unit's assets. As a general rule, the OPFOR should be strong enough to offer the unit a realistic challenge, but one that the unit can defeat when proper tactics are employed.
 - (2) Defense. The OPFOR, at a minimum, should have a three-to-one ratio of superiority, because anything less will not have sufficient weapons and ammunition to conduct a successful attack. They must be more than merely a series of targets to be destroyed. The OPFOR should be allowed to plan their own attack for each mission and not be forced into a "canned" attack that all units quickly defeat. Once the OPFOR establish their plan, they must use the same plan for all other like units for that event in order to maintain the objectivity and standardization of the evaluation.
- 6-7. Conducting the Evaluation. Evaluations are divided into three distinct areas. Each area requires a different degree of preparation and coordination.
- a. Preevaluation
 - (1) The senior O/C and all other O/Cs must perform reconnaissance of the evaluation area to know the unit's boundaries, disposition of the OPFOR, and the

most likely avenues of approach throughout the field evaluation site's area of operation.

- (2) The unit must prepare an OPORD and FRAGO to control the exercise. An order is prepared for each mission in the evaluation scenario. These can be prepared by using the skeleton orders contained in the STXs contained in Chapter 4.
- (3) Unit preparatory activities include installation and troubleshooting of MILES equipment, loading vehicles, conducting inspections, and performing other logistic and administrative actions, as required.
- (4) The OPFOR are placed in position and briefed while the unit is conducting its preparatory activities.
- (5) In this evaluation scenario, the unit is issued a movement order to move to an assembly area. When the assembly area has been occupied, the OPORD is issued. The O/Cs should make an equipment functions check after the unit occupies the assembly area and after the unit leaders have issued their instructions.

b. Evaluation

- (1) The evaluation team controls the evaluation in two ways. First, it uses measures established in both the movement order and in Paragraphs 3 and 5 in the OPORD and FRAGO. Second, the team controls the evaluation through the team commander (simulated by the senior O/C for this evaluation) on the team net. The team does not control in the traditional sense, instead it accompanies the unit as observers. Only the senior O/C has direct verbal contact with the unit commander. All other O/Cs do not speak to, aid, advise, point out positions, or in any way influence the unit's performance, except for a possible or actual safety issue or emergency. O/Cs are neutral throughout the evaluation.
- (2) Once the senior O/C issues the OPORD and movement order, the unit commander executes the events and actions prescribed in the first part of the evaluation scenario within the estimated time. From this point on all successive parts begin with a FRAGO.
- (3) The senior O/C terminates a part when the unit has completed all the events and actions in a particular area or has suffered so many casualties or damage that the part cannot be completed. The O/C must record the reasons for the termination in the margin of the O/C's Task Summary Sheet and report his action to the evaluation control headquarters. In the sample evaluation scenario, the completion of each event or action is indicated by "conducting sustainment operations." During this period, the senior O/C directs the unit to remain in position while "replacements" (personnel and equipment designated as killed or destroyed) are sent forward to reconstitute the unit. At this time, O/Cs must perform the following actions:
 - (a) Inspect all MILES equipment, record "kill" codes, and reset equipment. Any damage or inoperative MILES equipment is replaced.
 - (b) Resolve all casualty data to determine the time, place, number, and cause of casualties. This information is reported to the recorder in the evaluation control headquarters.

- (c) Debrief the unit to resolve questions. Afterwards, the senior O/C directs the unit to continue its mission after it receives a FRAGO or OPORD for the next part.
- (4) These guidelines should be followed by the O/Cs:
 - (a) Report major "kills" (vehicles, groups).
 - (b) Report major weapons fired. Together with reporting major kills, this is the best method for determining direct fire effectiveness. Both significant firings and hits are reported to the evaluation control headquarters.
 - (c) Enforce rules of engagement.
 - (d) Observe critical tactical events of time. O/Cs must spot and record any action that might have an effect on later performance or mission outcome.
 - (e) Record travel routes and unit's location.
 - (f) Inform OPFOR controllers of the unit's location, direction, and intent. This is necessary to enable OPFOR action to be controlled in accordance with the desired sequence of events.
 - (g) Enforce safety.
 - (h) Terminate mission.
- c. Post Evaluation. After the evaluation is terminated, the unit moves to an assembly area and performs the following actions:
 - (1) The unit O/C debriefs subordinate O/Cs and compiles all data (evaluator packets) for the evaluation.
 - (2) The unit O/C must complete the Task Summary Sheet.
 - (3) The unit O/C must turn in all completed O/C packets (with the O/C scoring system) to control headquarters for recording and analysis.
 - (4) The unit O/C must conduct an AAR of the unit's performance.
 - (5) Each element O/C should conduct an AAR of his element's performance.

6-8. Conducting the After Action Review

- a. General. At the completion of each evaluation part, the AAR leader provides feedback to the unit in order to increase and reinforce learning.
- b. Feedback. Because all members of the unit participate in an AAR, each member becomes a source of feedback. This provides a richer "database" for key points. The AAR leader draws information from each member that becomes an important part of the discussion. This information is the basis for discussing alternate courses of action.
- c. Preparing the After Action Review. AAR preparation involves five steps:

- (1) Review training orders and objectives. Training objectives are the focus of the discussion of the exercise results. The FRAGOs and OPORDs included in the exercise design implement these objectives. The O/C should be familiar with the objectives, FRAGOs, and OPORDs so that he can note orders given by leaders of the evaluated unit and its subordinate elements that either implement these objectives or deviate from them.
 - (2) Observe the exercise. This is an active process. The emphasis is on noting those actions that make the difference between the unit's success or failure. The O/C does not need to remain close to the unit leader, since more can be seen from high ground near the lead element's location or along the unit's route of march. Because unit orders identify important activities and checkpoints, the O/C must be present when the commander issues the order. The O/C should position himself where he can best observe anticipated critical events. Examples of critical events include:
 - (a) Conducting a road march.
 - (b) Crossing a radiologically contaminated area.
 - (c) Reforming unit supply operations.
 - (d) Responding to a NBC attack.
 - (3) Select the site and assemble the participants. After the exercise, select a site for the AAR. If possible, hold the AAR where the majority of action occurred, where most of the critical events took place (normally where the OPFOR was positioned), or where the terrain can be observed. Usually, the OPFOR or unit objectives are suitable for assembling the players and conducting the AAR.
 - (4) Debrief the O/Cs. While the units are moving to the selected site, the O/Cs should be debriefed. The senior O/C must have a complete understanding of what happened in the exercise. The fourth step in AAR preparation is to obtain a detailed description of the exercise's events in the order in which they occurred.
 - (5) Review the events. After the senior O/C has a sound understanding of what happened during the exercise, he reviews the events that are ranked in terms of their relevance to the training objectives and their contributions to the exercise outcome. He selects as many events as can be covered in detail during the time allowed for the AAR and places them in chronological order.
- d. Conducting the After Action Review. Conducting the AAR requires five steps:
- (1) Organize the participants. When the O/C and AAR leader assembles the participants, he groups them according to their organization in the exercise. Each subordinate element's O/C is the element for which he is responsible.
 - (2) State the training objectives. The AAR leader makes a brief statement of the training objectives for the exercise. These are described as specifically as possible. He states any additional teaching points that he intends to cover during the AAR. These should be limited to three or four key points in order to keep the AAR focused and prevent it from becoming excessively long.
 - (3) Lead the discussion. The AAR leader guides the discussion of the events in their order of occurrence. Diagrams help players visualize the exercise development. The AAR leader starts by sketching the main terrain features and, as the AAR

proceeds, have the participants draw routes of advance, objectives, and locations of engagements. Each event is discussed in detail to make teaching points about the unit's performance during the event. In an effective AAR, the AAR leader should--

- (a) Avoid giving a critique or lecture.
 - (b) Guide the discussion by asking leading questions.
 - (c) Suggest the players describe what occurred in their own terms.
 - (d) Suggest the players discuss not only what happened, but how it happened, and how it could be done better.
 - (e) Focus the discussion to ensure that important tactical lessons are made explicit.
 - (f) Relate events to subsequent results.
 - (g) Avoid detailed examination of events not directly related to major training objectives.
 - (h) Encourage the participants to use diagrams to illustrate teaching points and to show route, phase lines, and objectives.
 - (i) Prohibit players from offering self-serving excuses for inappropriate tactical actions.
- (4) Review the sequence of the events associated with the hazards of the risk assessment made prior to the exercise. Ask the following questions:
- (a) Were effective controls put in place to avoid accidents?
 - (b) Was training realism reduced through artificial control measures?
 - (c) Were all participants aware of hazards down to the lowest level?
 - (d) Did any hazard present itself that was not identified, and what was done to overcome it?
 - (e) Were there incidents of fratricide or near fratricide, and how can they be avoided in the future?
- (5) Summarize key points. The AAR leader briefly summarizes teaching points in terms of training objectives covered in the AAR. After the summary, he can have a private conversation with the unit commander regarding his strengths and weaknesses, and what he can do to improve his performance and that of his unit. A good AAR leader--
- (a) Maintains order and discipline.
 - (b) Reviews the training objectives.
 - (c) Addresses important events as they occurred and how the unit could have done them better. During the discussion, the leader avoids a

- detailed examination of events not directly related to the training objective.
- (d) Traces the chain of events so all participants understand the results of mistakes. One mistake is often the partial cause of another.
 - (e) Clearly relates tactical events to teaching points.
 - (f) Involves participants in the discussion.
 - (g) Clearly and concisely gives summary and new training objectives.
 - (h) Reinforces points by using sketches, diagrams, or terrain models in the AAR.
- e. Reference Materials. Reference materials for conducting an AAR are TC 25-6, TC 25-20, and FM 25-101.

APPENDIX A - TIME STANDARDS

NOT USED

APPENDIX B - ARTILLERY TABLES

NOT USED

APPENDIX C - OPFOR TASKS

C-1. The OPFOR tasks in this appendix are designed for use by trainers to create a tactical situation that may replicate combat conditions and environments as much as possible. The trainers must use their imagination and ingenuity to provide the evaluated unit a realistic and comprehensive training experience. Use of OPFOR play in a training event will add to the realism and offer a more rewarding training experience to the unit. This will produce better-trained units.

C-2. The tasks listed here do not represent the entire set of simulations or activities an OC or trainer may use to create the desired training environment. Trainers must use ingenuity and use their creative abilities to help the training unit become a well prepared combat ready unit.

C-3. The execution of these tasks must create confusion and stimulate reactions on the part of the tested/training unit. Many tasks require the use of pyrotechnics and blank ammunition. **Explosive devices can injure and kill.** The utmost care must be used when employing these devices. **Blank ammunition may blind or do other permanent damage to a person.** The OIC/NCOIC of the OPFOR detail must ensure safety briefings are given and that all OPFOR players understand the required safety procedures and policies for specific types of devices and blanks.

ELEMENT:

TASK: Disrupt Movement and Operations Using Persistent and Nonpersistent Chemical Weapons (06-5-OP01)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR units deliver chemical agents by means of conventional artillery weapons, rockets, or aircraft along selected supply routes and key bases in the rear area. This task is always performed in MOPP4.

TASK STANDARDS: The OPFOR uses real and simulated chemical agents to disrupt movement and operations of specific elements. The reaction of the personnel and leaders are observed, recorded, and reported.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Delivers chemical agents in low and/or dense wooded areas.		
2. Delays movement of enemy supplies and equipment to forward areas.		
3. Restricts enemy movement in rear area.		
4. Channels movement into predesignated ambush areas.		
5. Contaminates enemy supplies and equipment.		
6. Inflicts a high rate of casualties on enemy forces.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING TACTICAL NUCLEAR WEAPONS (06-5-OP02)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Tactical nuclear weapons are employed against key locations in the rear area. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The OPFOR will employ simulated tactical nuclear weapon use in a specific area so as to provide a stimulus for the evaluated unit to react. The OPFOR will record and report any observed reactions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Disrupts and/or delays movement of equipment and supplies to forward areas. 2. Destroys enemy equipment and supplies. 3. Inflicts a high rate of nuclear casualties among enemy troops. 4. Denies the enemy use of specified areas. 5. Contaminates enemy equipment and supplies. NOTE: Use with task: Advise the FA Commander on NBC Defense Measures.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT HASTY AMBUSH (06-5-OP03)

ITERATION: 1M 2M 3M 4M 5M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR element is moving into a wooded area when an enemy march element is seen moving along a nearby route. This task is always performed in MOPP4.

TASK STANDARDS: The OPFOR prepares an ambush site and uses various types of pyrotechnics to simulate conditions of actual combat. They will disrupt the enemy and try to confuse him. They will record and report the reaction and actions taken by the enemy.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Prepares ambush site before arrival of enemy element. 2. Surprises enemy forces. 3. Inflicts heavy casualties within designated kill zone. 4. Inflicts heavy damage to vehicles and equipment within a designated kill zone. 5. Delays enemy march element from reaching the specified destination for a specified period. 6. Withdraws, on order, within 2 minutes of ambush initiation. 7. Sustains no casualties. 8. Reports actions to superiors.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1M	2M	3M	4M	5M		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT DELIBERATE AMBUSH (06-5-OP04)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR element is operating along an enemy MSR. OPFOR intelligence reports an enemy element is conducting a road march along route. Enemy march element is approximately 15 minutes from arrival at ambush point. OPFOR element possesses automatic weapons, antiarmor weapons, and command detonated mines. OPFOR headquarters orders complete destruction of march element. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The OPFOR conducts the ambush by using pyrotechnics and simulated road blocks or some other type obstacle if the ambush is a blocked type ambush. They report the actions and reactions of the enemy forces.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Prepares ambush site before arrival of enemy element.		
2. Surprises enemy forces.		
3. Forces enemy march element to halt in kill zone.		
4. Initiates ambush, on order, by the OPFOR leader.		
5. Kills, wounds, or captures all enemy personnel, and destroys all specified vehicles and equipment in the kill zone.		
6. Engages all enemy reinforcements and security elements.		
7. Sustains no casualties from enemy forces.		
8. Consolidates and withdraws from area, on order.		
9. Reports all specified PIR and other intelligence requirements.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT SNIPER OPERATIONS (06-5-OP05)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR assigns snipers, regular or irregular elements, in the enemy rear area along the MSR and near support sites. This task should not be trained in MOPP4.

TASK STANDARDS: The OPFOR establishes sniper positions as needed. MILES systems will be used to simulate hits.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Sets up well concealed locations.		
2. Engages vehicle drivers or personnel on foot with short bursts of semiautomatic fire.		
3. Kills or wounds selected target.		
4. Prevents position from being discovered by enemy forces.		
5. Evacuates the area without being spotted.		
6. Reports all specified PIR and other intelligence requirements to OPFOR headquarters.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT AIR ATTACKS (06-5-OP06)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR elements in the rear area have forwarded positions of enemy support sites or locations of moving elements. OPFOR aircraft is dispatched to attack enemy installations or convoys. This task should not be trained in MOPP4.

TASK STANDARDS: The OPFOR coordinates with aviation units to provide aircraft for this task. They provide the aviation unit the details of the operation and coordinates the location, time, and flight path with all controlling headquarters.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Locates support sites or convoys.		
2. Makes attack runs on designated targets.		
3. Destroys enemy equipment, supplies, and vehicles.		
4. Sustains no loss of aircraft.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT AIR RECONNAISSANCE (06-5-OP07)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR headquarters requires intelligence on locations and identification of enemy elements. Aircraft is dispatched to take photographs and make visual inspection of enemy rear area. This task should not be trained in MOPP4.

TASK STANDARDS: The OPFOR uses available air platforms to recon the enemy area of operations.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Photographs assigned sectors. 2. Takes quick visual checks where cloud ceiling is low. 3. Locates enemy positions in rear area, particularly support and storage bases, and command and control facilities. 4. Sustains no loss of aircraft. 5. Reports PIR and other information requirements to OPFOR headquarters. Use with tasks that monitor operations security (OPSEC) Measures, establish OPSEC data base, and implement OPSEC activities and programs.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: GATHER INTELLIGENCE (06-5-OP08)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR small elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans. This task should not be trained in MOPP4.

TASK STANDARDS: The OPFOR uses all available means to gather intelligence information.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Identifies all PIR and other intelligence requirements. 2. Passes undetected through any outpost, defensive wire, or warning device. 3. Moves to an observation point that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gathers all PIR and other intelligence requirements. 5. Withdraws from the area undetected. 6. Reports all information to OPFOR headquarters. Use with tasks that monitor OPSEC measures; and implement OPSEC activities and programs.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5		TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: CONDUCT RAID (06-5-OP09)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR element occupies an objective rally point and has orders to conduct a raid on a support base. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The OPFOR uses various pyrotechnic devices and simulators to replicate combat conditions and create a confusing state of operations for the enemy.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Surprises enemy forces.		
2. Assaults support base and accomplish assigned tasks.		
3. Destroys specified equipment and supplies.		
4. Avoids being decisively engaged.		
5. Withdraws all personnel from support area within the time prescribed.		
6. Obtains all PIR from raid site.		
7. Sustains only light casualties from enemy fire.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"**" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

ELEMENT:

TASK: ATTACK A REAR AREA SUPPORT BASE (06-5-OP10)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OPFOR element locates a support base in the rear area. PIR and other intelligence requirements are obtained by OPFOR patrols. OPFOR element has automatic and anti-armor weapons, and light mortars. OPFOR element is approximately the size of two platoons. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The OPFOR locates a support base in the enemy rear area. It conducts a deliberate attack on the base.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Develops an attack plan. 2. Initiates attack by using a scheme of maneuver that exploits enemy flanks, gaps, and weaknesses 3. Uses covered and concealed routes to approach enemy force flanks, gaps, or weakly held areas. 4. Employs indirect fire to support attack. 5. Penetrates enemy defenses. 6. Destroys equipment and supplies. 7. Inflicts heavy casualties. 8. Isolates support base by blocking reinforcements. 9. Forces enemy units to displace. w30 10. Withdraws before support base is reinforced.		

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL TASK STEPS EVALUATED							
TOTAL TASK STEPS "GO"							
TRAINING STATUS "GO"/"NO-GO"							

"*" indicates a leader task step.

OPFOR TASKS AND STANDARDS

NONE:

GLOSSARY**Section I**
Abbreviations

ALOC	Administration/Logistics Operations Center
AOAP	Army Oil Analysis Program
ARTEP-MTP	Army Training and Evaluation Program Mission Training Plan
AUEL	Automated Unit Equipment List
BDA	battle damage assessment
BDAR	battle damage assessment and repair
BOC	battery operations center
C-E	communications-electronics
COA	Course of Action
COLT	Combat Observation/Lasing Team
COMSEC	Communications Security
CPR	cardiopulmonary resuscitation
CSS	combat services support
DACG	Departure Airfield Control Group
DEL	Deployment Equipment List
ECM	Electronic Countermeasures
ED	emergency destruction
EEFI	essential elements of friendly information
EOD	explosive ordnance disposal
EP	Electronic Protection
EPW	Enemy Prisoner of War
ERF	electronic remote fill; electronic counter-countermeasures remote fill
FDC	Fire Direction Center
FH	Frequency Hopping
FLOT	forward line of own troops

FPL	final protective line
FRAGO	fragmentary order
FSCM	fire support coordinating measure
FST	Field Sanitation Team
GPS	global positional system
GRREG	graves registration
ICOM	imbedded communications; Intercommunications System
IPB	Intelligence Preparation of Battlefield
LCE	load carrying equipment
LNE	Late Net Entry
LP	Listening Post
MAN	manual
METT-TC	Mission, Enemy, Terrain, Troops, Time and Conditions
MIJI	meaconing intrusion jamming interference
MOPP	Mission-oriented protective posture
MOUT	Military Operations on Urban Terrain
MSE	mobile subscriber equipment
NBC	Nuclear, Biological, and Chemical
NCS	net control station
NET	New Equipment Training; network
NRI	net radio interface
OEG	Operational Exposure Guidance
OP	Observation Post
OPFOR	Opposing Forces
OPORD	Operations Order
OPSEC	Operations Security
PADS	position and azimuth determining system
PDDE	Power-Driven Decontamination Equipment

PIR	pulsed interference rejection; priority intelligence requirement
PLL	prescribed load list
PMCS	Preventive Maintenance Checks and Services
PMOS	Primary Military Occupational Specialty
POL	Petroleum, Oils, and Lubricants
PSG	Personnel Service Group; platoon sergeant
PSR	Personnel Status Report
RDO	radar deployment order
RETRANS	Retransmission
ROE	Rules of Engagement
RP	Release Point
SALUTE	size, activity, location, unit, time, equipment
SCP	survey control point
SHELREP	shelling report
SHTU	simplified handheld terminal unit
SIAGL	survey instrument, azimuth gyro, lightweight
SINCGARS	single-channel ground and airborne radio system
SITREP	Situation Report
SITREPS	situation reports
SOI	Signal Operation Instruction
SOI/SSI	Signal Operating Instruction/Signal Supplemental Instruction
SOP	Standard Operating Procedure
SP	Start Point
SPOE	Seaport of Embarkation
STANAG	Standardization Agreement
STB	super tropical bleach
TA	Target Acquisition
TAA	Tactical Assembly Area

TAMMS	The Army Maintenance Management System
TEK	traffic encryption key
TMDE	Test Measurement and Diagnostic Equipment
TOC	tactical operations center
TOE	Table of Organization and Equipment
TSK	Transmission Security Key
TSOP	Tactical Standard Operating Procedure
UAV	Unmanned Aerial Vehicle
ULLS	Unit Level Logistics System
UMCP	Unit Maintenance Collection Point
UMO	Unit Maintenance Officer; Unit Movement Officer
WARNO	warning order
WCS	Weapon Control Status

Section II

Terms

Technical manual (TM)

A publication which describes equipment, weapons, or weapons systems with instructions for effective use. It may include sections for instructions covering initial preparation for use and operational maintenance and overhaul.

Topographic Support System (TSS)

A modular set of topographic equipment consisting of survey, cartographic, reproduction, and military geographic information (MGI) subsystems. The modules are either van or trailer mounted.

REFERENCES

Army Training and Evaluation Program

ARTEP 6-303-30-MTP MISSION TRAINING PLAN FOR THE TARGET ACQUISITION
BATTERY AND THE CORPS TARGET ACQUISITION DETACHMENT

Field Manuals

FM 6-20-10 Tactics, Techniques and Procedures for the Targeting Process, 8 May
1996

FM 6-20-20 Tactics, Techniques, and Procedures for Fire Support at Battalion Task
Force and Below, 27 December 1991

Soldier Training Publications

STP 6-131-MQS FA Targeting Technician

STP 6-13R14-SM-TG FA Firefinder Radar Operator

Special Texts

ST 6-1-2 Initial Fire Support Automated System (IFSAS) Aid, July 1996.

ST 6-3+ Tactics, Techniques, & Procedures for the AFATDS (Draft)

ST 6-3++ Tactics, Techniques, & Procedures for the AFTDS in Division XXI

Technical Manuals

TM 11-7025-300-10 Operator's Manual Forward Entry Device (FED) Met/Survey (MSR)
(Digital Data Set, AN/PSG-7 Software)

Army Regulations

AR 220-10 Preparations for Oversea Movement of Units (POM) 220-45 Duty Rosters

AR 385-10 Army Safety Program. 23 May 1988.

AR 40-5 Preventive Medicine, 1 June 1985

AR 600-8-1 Army Casualty Reporting And Memorial Affairs And Line Of Duty
Investigations

AR 703-1 Coal and Petroleum Products Supply and Management Activities

AR 710-2 Supply Policy Below the Wholesale Level

Department of Army Pamphlets

DA PAM 385-1 Unit Safety Management

DA PAM 710-2-1 Using Unit Supply System: Manual Procedures

DA PAM 738-750 The Army Maintenance Management System (TAMMS)

Field Manuals

FM 100-5 Operations

FM 10-1 Quartermaster Principles

FM 10-52 Water Supply in Theater of Operations

FM 11-32 Combat Net Radio Operations

FM 12-6 Personnel Doctrine

FM 19-30 Physical Security, 1 March 1979.

FM 20-3 Camouflage

FM 2104/189 Friendly Nuclear Strike Warning to Armed Forces Operating on Land.

FM 21-10 Field Hygiene And Sanitation

FM 21-10-1	Unit Field Sanitation Team, 11 October 1989.
FM 21-11	First Aid For Soldiers 27 October 1988.
FM 21-26	Map Reading And Land Navigation, 30 September 1987.
FM 24-18	Tactical Single-Channel Radio Communications Techniques
FM 24-19	Radio Operator's Handbook.
FM 24-33	Communications Techniques Electronic Counter-Countermeasures, 22 March 1985.
FM 24-35 (O)	Communication-Electronics Operations Instructions (CEOI) (O)
FM 24-35-1	Signal Supplemental Instructions
FM 29-2	Organizational Maintenance Operations
FM 3-100	NBC Operations, 17 September 1985
FM 3-19	NBC Reconnaissance
FM 3-3	NBC Contamination Avoidance, 30 September 1986.
FM 3-4	NBC Protection, 21 October 1985.
FM 34-1	Intelligence and Electronic Warfare Operations
FM 34-130	Intelligence Preparation Of The Battlefield
FM 34-2	Collection Management. 8 Mar 94.
FM 34-3	Intelligence Analysis
FM 3-5	NBC Decontamination, 24 June 1985.
FM 3-6	Field Behavior of NBC Agents (Including Smoke & Incendiaries), 3 November 1986.
FM 3-7	NBC Handbook
FM 3-8	Chemical Reference Handbook
FM 44-8	Small Unit Self-Defense Against Air Attack, 30 December 1981.
FM 44-80	Visual Aircraft Recognition
FM 5-250	Explosives and Demolitions. 15 June 1992.
FM 5-36	Route Reconnaissance and Classification
FM 57-38	Pathfinder Operations
FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.
FM 6-2	Field Artillery Survey. 23 September 1993.
FM 6-20	Fire Support in the AirLand Battle. 17 May 1988.
FM 6-20-1	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battalion. 29 November 1990.
FM 6-20-10	Tactics, Techniques and Procedures for the Targeting Process, 8 May 1996
FM 6-20-2	Corps Artillery, Division Artillery, and Field Artillery Brigade Headquarters
FM 6-20-30	Tactics, Techniques, and Procedures for Fire Support for Corps and Division, 18 October 1989
FM 63-2	Combat Service Support Operations--Division (How to Support). 21 November 1983.
FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
FM 6-60	Tactics, Techniques, and Procedures for the Multiple Launch Rocket System (MLRS) Operations
FM 7-10 (HTF)	The Infantry Rifle Company (Infantry, Airborne, Air Assault, Ranger) (How to Fight). 8 January 1982.
FM 7-7J	The Mechanized Infantry Platoon And Squad (BRADLEY)

FM 7-8 (HTF)	The Infantry Platoon And Squad (Infantry, Airborne, Air Assault, Ranger)(How To Fight), 31 December 1980
FM 8-10	Health Service Support in a Theater of Operations. 1 March 1991.
FM 8-10-6	Tactics, Techniques, and Procedures for Medical Evacuation in a Theater of Operations
FM 8-230	Medical Specialist
FM 8-285	Treatment of Chemical Agent Casualties and Contaminated Military Chemical Injuries
FM 8-55	Planning for Health Service Support
FM 9-13	Ammunition Handbook. 4 November 1986.
Other Product Types	
ACP 125	Communication Instruction Radio-Telephone Procedures. 1 July 1970.
ACP 125 US SUPPL 1	Communications Instructions Radiotelephone Procedures For Use by United States Ground Forces.
ACP 125(E)	Communication Instructions--Radiotelephone Procedures.
Simulators, Simulations	
6-FSCATT	Fire Support Combined Arms Tactical Trainer
Soldier Training Publications	
STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1, 1 October 1994
STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
STP 21-II-MQS	OFFICER ADVANCED COMMON TASKS
STP 21-I-MQS	OFFICER BASIC COMMON TASKS
STP 6-13II-MQS	Military Qualifications Standards II, Field Artillery Branch (13), Company Grade Officer's Manual. 25 March 1991.
STP 6-82C14-SM-TG	Field Artillery Surveyor
STP 8-91B15-SM-TG	Soldiers Manual and Trainer's Guide for MOS 91B, Skill Levels 1-5
Technical Bulletins	
TB 380-41 (O)	Procedures for Safeguarding, Accounting, and Supply Control of COMSEC Material (O), 10 October 1994
Technical Manuals	
TM 11-5840-354-10	Operator's Manual for Radar Set, AN/TPQ-36(V)1 . . . AN/TPQ-36(V)3 . . . and AN/TPQ-36(V)5 15 September 1991.
TM 11-5840-355-10	Operator's Manual for Radar Set, AN/TPQ-37(V)6. .
TM 11-5840-355-10-2 (C)	Radar Set, AN/TPQ-37(V) (U). 29 May 1981.
TM 11-5840-355-20-1	Organizational Maintenance Manual (Functional Description and Maintenance) for Radar Sets, AN/TPQ-37(V)1, AN/TPQ-37(V)2, AN/TPQ-37(V)5 and AN/TPQ-37(V)6. 1 October 1981.
TM 11-5840-355-20-2	Organizational Maintenance Manual (Antenna Removal and Installation Procedures) for Radar Set, AN/TPQ-37(V)1, AN/TPQ-37(V)2 and AN/TPQ-37(V)8. 1 October 1981. 11-5840-355-20P Organizational Maintenance Repair Parts and Special Tools List fo
TM 11-5840-355-20-3	Organizational Maintenance Manual (Transceiver Removal and Installation Procedures) Radar Sets, AN/TPQ-37(V)1 (NSN 5840-01-043-4258), AN/TPQ-37(V)2 . . . AN/TPQ-37(V)5 . . . and AN/TPQ-37(V)6 1 October 1981.
TM 11-5840-355-20P	Organizational Maintenance Repair Parts and Special Tools List for Radar Set AN/TPQ-37(V)5 . . . Radar Set AN/TPQ-37(V)6 . . . and

	Generator-Power Distribution Group OA-9018/TPQ-37(V) 1 November 1988.
TM 11-5840-364-20P	Organizational Maintenance Repair Parts and Special Tools List for OK-398(V)1/TPQ(V) Operators Control Group . . . and OK-398(V)2/TPQ Operators Control Group . . . Common Name "Shelter" Parts of AN/TPQ-36 and AN/TPQ-37(V) Radar Sets. 1 Marc
TM 11-5840-378-10	Operator's Manual For Radar Sets AN/TPQ-36(V)3 And AN/TPQ-36(V)5
TM 11-5840-378-20&P	Unit Maintenance for Radar Sets AN?TPQ(V)3 and AN/TPQ(V)5
TM 11-5840-380-10	Operator's Manual for Radar Set AN/TPQ-36 (V)8
TM 5-6115-545-12	Operator's and Organizational Maintenance Manual: Generator Set, Diesel Engine Driven, Tactical Skid Mtd., 60 KW, 3 Phase, 4 Wire, 120/208 and 240/416 V (DOD Models MEP-006A) Utility Class, 50/60 HZ, ... (Model MEP-105A) Precise Class, 50/6
TM 5-6115-585-12	Operator and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mtd, 10 KW, 1 Phase, 2 Wire; 1 Phase, 3 Wire and 3 Phase, 4 Wire; 120, 120/240 and 120/208 V (DOD Model MEP-003A) Utility Class, 60 HZ ...

Training Circulars

TC 6-50	The Field Artillery Cannon Battery
---------	------------------------------------

Related Publications

Related publications are sources of additional information. They are not required in order to understand this publication.

Army Regulations

AR 220-1	Unit Status Reporting. 16 September 1986.
AR 385-10	Army Safety Program. 23 May 1988.
AR 385-30	Safety Color Code Markings and Signs 15 September 1983.
AR 385-40	Accident Reporting And Records, 1 April 1987
AR 700-138	Army Logistics Readiness and Sustainability. 27 December 1985.
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations 30 October 1989.

Department of Army Pamphlets

DA PAM 738-750	The Army Maintenance Management System (TAMMS)
----------------	--

Field Manuals

FM 101-5	Staff Organization and Operations
FM 10-63	Handling Of Deceased Personnel In Theaters Of Operations, 28 February 1988.
FM 10-63-1	Graves Registration Handbook
FM 10-69	Petroleum Supply Point Equipment and Operations
FM 12-6	Personnel Doctrine
FM 19-40	Enemy Prisoners of War, Civilian Internees and Detained Persons, 27 February 1976
FM 20-22	Vehicle Recovery Operations

FM 22-9	Soldier Performance in Continuous Operations, 8 December 1983
FM 26-2	Management of Stress in Army Operations, 29 August 1986
FM 3-3	NBC Contamination Avoidance, 30 September 1986.
FM 3-5	NBC Decontamination, 24 June 1985.
FM 43-5	Unit Maintenance Operations. 28 September 1988.
FM 6-121	Tactics, Techniques, and Procedures for Field Artillery Target Acquisition.

Soldier Training Publications

STP 21-24-SMCT	Soldier's Manual of Common Tasks Skill Levels 2/3/4
----------------	---

Technical Manuals

TM 11-5840-354-20-1	Organizational Maintenance Manual (Functional Description and Maintenance) for Radar Sets, AN/TPQ-36(V)1, AN/TPQ-36(V)3 and AN/TPQ-36(V)5. 30 June 1983.
TM 11-5840-354-20-2	Organizational Maintenance Manual (Antenna/Transceiver Removal and Installation Procedures) for Radar Sets, AN/TPQ-36(V)1, AN/TPQ-36(V)3 and AN/TPQ-36(V)5. 30 June 1983.
TM 11-5840-354-20P	Organizational Maintenance Repair Parts and Special Tools Lists for AN/TPQ-36(V)1 Radar Set (US Version, 64 K Memory) and AN/TPQ-36(V)3 Radar Set (FMS Version, 64 K Memory) and AN/TPQ-36(V)5 Radar Set (US Version, 128K Memory). 1 March 198
TM 5-6115-585-12	Operator and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mtd, 10 KW, 1 Phase, 2 Wire; 1 Phase, 3 Wire and 3 Phase, 4 Wire; 120, 120/240 and 120/208 V (DOD Model MEP-003A) Utility Class, 60 HZ ...

Training Circulars

TC 12-16	Personnel and Administration Center (PAC) Drill Book. 28 August 1985.
TC 12-6	Wartime Strength Accounting

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