Department of the Army ARTEP 10-469-30-MTP

MISSION TRAINING PLAN FOR THE QUARTERMASTER WATER PURIFICATION DETACHMENT (GS) AND QUARTERMASTER WATER PURIFICATION TEAM (12000 GPH)

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Mission Training Plan for the Quartermaster Water Purification Detachment (GS) and Quartermaster Water Purification Team (12000 GPH)

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Preface

This mission training plan (MTP) provides the Quartermaster Detachment (Water Purification) (GS) and Quartermaster Water Purification Team (12,000 GPH) with a task-based, event-driven training strategy to enable these units to accomplish their operational missions during support and stability operations (SASO), during small scale contingencies (SSC), and during major theaters of war (MTW). While MTPs may not cover unit contingency plans, this document includes tasks to meet the Army force projection mission across the full spectrum of conflict and tasks related to the deployment operations, the relocation and establishment of the unit in a new operational area, conducting water supply and distribution operations, force protection activities, and redeployment operations.

This MTP applies to the Quartermaster Detachment (Water Purification) (GS), organized under Table of Organization and Equipment (TOE) number 10469L000; and Quartermaster Water Purification Team (12000 GPH), organized under (TOE) number 10570LC00.

Standards for executing the tasks are described in the training and evaluation outlines (T&EOs). Standards were developed to meet the Total Army requirement. To meet mission-essential requirements, commanders may wish to make standards more stringent. The intent of this publication is not to deny the commander that flexibility.

Training developers continuously update individual and collective tasks and other support products for these manuals in the Automated Systems Approach to Training (ASAT) database. Units can get data updates online at the Reimer Digital Library Data Repository at www.adtdl.army.mil.

The proponent of this publication is HQ TRADOC. Submit changes for improving this publication on DA Form 2028 and forward it to Commander, United States Army Combined Arms Support Command, ATTN: ATCL-AQ, 401 1st Street, Fort Lee, Virginia 23801.

Unless otherwise stated, masculine nouns and pronouns refer to both women and men.

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 missions of the unit. The specific details of the unit's training program depend on the following factors:

a. Unit's mission-essential task list (METL).

b. Chain of command training directives and guidance.

c. Training priorities of the unit.

d. Availability of training resources and areas.

1-2. Supporting Material. This MTP describes a critical mission-oriented unit-training program that is part of the next higher echelon's training program. This unit's training program consists of:

a. ARTEP 10-466-MTP indicates the relationship of the next higher headquarters training program to the unit's training program.

b. Soldier training publications (STPs) for appropriate military occupational specialties and skill levels.

c. Officer Foundation Standards (OFS) manuals for Officer personnel.

1-3. Contents. This MTP is organized into six chapters and two 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 includes doctrinal principles and implications outlined in FM 7-0, Training the Force. Based on these guidelines, commanders must tailor the information to meet the doctrinal requirements for their specific branch.

b. Chapter 2, Training Matrix, shows the relationship between missions, collective tasks, and individual tasks.

c. Chapter 3, Mission Outline, presents a graphic portrayal of the relationship between missions and their subordinate tasks.

d. Chapter 4, Training Exercises, consists of a field training exercise (FTX) and supporting situational training exercises (STXs). This chapter provides training information and a pre-constructed scenario for each exercise. These exercises can serve as part of an internal or external evaluation and may be modified to suit the training needs of the unit.

e. Chapter 5, Training and Evaluation Outlines (T&EOs), provides the training and evaluation criteria for tasks that the unit must master to effectively perform its mission. Each task has a training and evaluation outline that identifies task steps, performance measures, and individual and leader tasks, and opposing force (OPFOR) counter tasks. Each T&EO is part of a mission, and in various combinations, composes training exercises in Chapter 4.

f. Chapter 6, External Evaluations, provides instructions for planning, preparation, and execution of an external evaluation.

1-4. Training Requirement. Every soldier, noncommissioned officer (NCO), warrant officer, and officer has one primary mission -- to be trained and ready to fight and win our nation's wars. Success in battle does not happen by accident; it is a direct result of tough, realistic, and challenging training.

a. Operational Environment

(1) Commanders and leaders at all levels must conduct training with respect to a wide variety of operational missions across the full spectrum of operations; these operations may include combined arms, joint, multinational, and interagency considerations, and span the entire breadth of terrain and environmental possibilities. Commanders must strive to set the daily training conditions as closely as possible to those expected for actual operations.

(2) The operational missions of the Army include not only war, but also military operations other than war (MOOTW). Operations may be conducted as major combat operations, a small-scale contingency, or a peacetime military engagement. Offensive and defensive operations normally dominate military operations in war along with some small-scale contingencies. Stability operations and support operations dominate in MOOTW. Commanders at all echelons may combine different types of operations simultaneously and sequentially to accomplish missions in war and MOOTW. These missions require training since future conflict will likely involve a mix of combat and MOOTW, often concurrently. The range of possible missions complicates training. Army forces cannot train for every possible mission; they train for war and prepare for specific missions as time and circumstances permit.

(3) Our forces today use a train-alert-deploy sequence. We cannot count on the time or opportunity to correct or make up training deficiencies after deployment. Maintaining forces that are ready now, places increased emphasis on training and the priority of training. This concept is a key link between operational and training doctrine.

(4) Units train to be ready for war based on the requirements of a precise and specific mission; in the process they develop a foundation of combat skills that can be refined based on the requirements of the assigned mission. Upon alert, commanders assess and refine from this foundation of skills. In the train-alert-deploy process, commanders use whatever time the alert cycle provides to continue refinement of mission-focused training. Training continues during time available between alert notification and deployment, between deployment and employment, and even during employment as units adapt to the specific battlefield environment and assimilate combat replacements.

b. How the Army Trains the Army

(1) Training is a team effort and the entire Army -- Department of the Army, major commands (MACOMs), the institutional training base, units, the combat training centers (CTCs), each individual soldier and the civilian workforce -- has a role that contributes to force readiness. Department of the Army and MACOMs are responsible for resourcing the Army to train. The Institutional Army, including schools, training centers, and NCO academies, for example, train soldiers and leaders to take their place in units in the Army by teaching the doctrine and tactics, techniques, and procedures (TTP). Units, leaders, and individuals are trained to standard on their assigned missions, first as an organic unit and then as an integrated component of a team. Operational deployments and major training opportunities, such as major training exercises, CTCs, and external evaluations (EXEVALs) provide rigorous, realistic, and stressful training and operational experience under actual or simulated combat and operational conditions to enhance unit readiness and produce bold, innovative leaders. The result of this Army-wide team effort is a training and leader development system that is unrivaled in the world. Effective training produces the force -- soldiers, leaders, and units -- that can successfully execute any assigned mission.

(2) The Army Training and Leader Development Model (Figure 1-1) centers on developing trained and ready units led by competent and confident leaders. The model depicts an important dynamic that creates a lifelong learning process. The three core domains that shape the critical

learning experiences throughout a soldiers and leaders time span are the operational, institutional, and self-development domains. Together, these domains interact using feedback and assessment from various sources and methods to maximize warfighting readiness. Each domain has specific, measurable actions that must occur to develop our leaders.

- The operational domain includes home station training, CTC rotations, and joint training exercises and deployments that satisfy national objectives. Each of these actions provides foundational experiences for soldier, leader, and unit development.
- The institutional domain focuses on educating and training soldiers and leaders on the key knowledge, skills and attributes required to operate in any environment. It includes individual, unit and joint schools, and advanced education.
- The self-development domain, both structured and informal, focuses on taking those actions necessary to reduce or eliminate the gap between operational and institutional experiences.

(3) Throughout this lifelong learning and experience process, there is formal and informal assessment and feedback of performance to prepare leaders for their next level of responsibility. Assessment is the method used to determine the proficiency and potential of leaders against a known standard. Feedback must be clear, formative guidance directly related to the outcome of training events measured against standards.

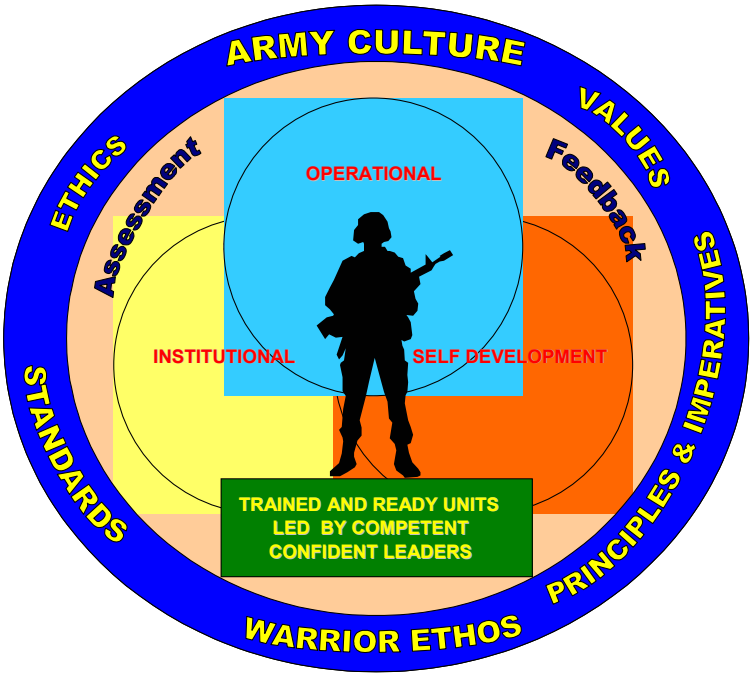


Figure 1-1. Army Training and Leader Development Model

c. Leader Training and Leader Development

(1) Competent and confident leaders are a prerequisite to the successful training of ready units. It is important to understand that leader training and leader development are integral parts of unit readiness. Leaders are inherently soldiers first and should be technically and tactically proficient in basic soldier skills. They are also adaptive, capable of sensing their environment, adjusting the plan when appropriate, and properly applying the proficiency acquired through training.

(2) Leader training is an expansion of these skills that qualifies them to lead other soldiers. As such, doctrine and principles of training require the same level of attention of senior commanders. Leader training occurs in the Institutional Army, the unit, the CTCs, and through self-development. Leader training is just one portion of leader development.

(3) Leader development is the deliberate, continuous, sequential, and progressive process, grounded in Army values, that grows soldiers and civilians into competent and confident leaders capable of decisive action. Leader development is achieved through the life-long synthesis of the knowledge, skills, and experiences gained through institutional training and education, organizational training, operational experience, and self-development. Commanders play the key roll in leader development that ideally produces tactically and technically competent, confident, and adaptive leaders who act with boldness and initiative in dynamic, complex situations to execute mission-type orders achieving the commander's intent.

d. Role of the Unit. Soldier and leader training and development continue in the unit. Using the institutional foundation, training in organizations and units focuses and hones individual and team skills and knowledge.

(1) Commander Responsibility

(a) The unit commander is responsible for the wartime readiness of all elements in the formation. The commander is, therefore, the primary trainer of the organization and is responsible for ensuring that all training is conducted in accordance with the unit's METL to the Army standard.

(b) Commanders ensure MTP standards are met during all training. If a squad, platoon, or company fails to meet established standards for identified METL tasks, the unit must retrain until the tasks are performed to standard. Training to standard on METL tasks is more important than completion of an event such as an EXEVAL. The objective is to focus on sustaining METL proficiency -- this is the critical factor commanders must adhere to when training small units.

(2) NCO Responsibility. A great strength of the US Army is its professional NCO Corps who takes pride in being responsible for the individual training of soldiers, crews, and small teams. The NCO support channel parallels and complements the chain of command. It is a channel of communication and supervision from the Command Sergeant Major (CSM) to the First Sergeants (1SGs) and then to other NCOs and enlisted personnel. NCOs train soldiers to the non-negotiable standards published in MTPs and STPs. Commanders delegate authority to NCOs in the support channel as the primary trainers of individual, crew, and small team training. Commanders hold NCOs responsible for conducting standards-based, performance-oriented, battle-focused training and providing feedback on individual, crew, and team proficiency. Commanders define responsibilities and authority of their NCOs to their staffs and subordinates.

(3) Unit Responsibility. Unit training consists of three components. Collective training that is derived directly from METL and MTPs. Leader development that is embedded in the collective training tasks and in discrete individual leader focused training. And finally, individual training that establishes, improves, and sustains individual soldier proficiency in tasks directly related to the unit METL. Commanders conduct unit training to prepare soldiers and leaders for unit missions. All units concentrate on improving and sustaining unit task proficiency.

(4) Relationship between Institution and Unit. Institutions provide foundational training and education, and when combined with individual unit experience, provide soldiers and leaders what they need to succeed in each subsequent level of service throughout their careers, appropriate to new and increasing levels of responsibility. Unit commanders, through subordinate leaders, build on the foundation provided by Army schools to continue developing the skills and knowledge required for mission success, as articulated in the unit's METL. Unit commanders are responsible for sustaining small unit leader and individual soldier skills to support the unit's mission. Institutions are responsible to stay abreast of requirements and developments in the field to ensure the foundations they set prepare soldiers for duty in their units.

e. Reserve Component Training. The Army consists of the active component (AC) and the Reserve Component (RC). The AC is a federal force of full time soldiers and Department of the Army civilians. The RC consists of the Army National Guard (ARNG) and the United States Army Reserve (USAR). Each component is established under different statues and has unique and discrete characteristics, but all share the same doctrine and training process, and train to the same standard. Availability of training support system capabilities, however, does vary between components. All train to the same standard; however, the RC trains at lower echelons. The number of tasks trained will usually differ as a result of the training time available, and the conditions may vary based on the RC unique environment.

1-5. Missions and Tasks

a. Specified and Implied Missions. This MTP contains specified missions found in the TOE and implied missions that this unit must perform in order to accomplish the specified missions. The critical wartime mission, <u>to provide bulk purified water support</u>, is the focus for this unit. The commander may supplement these missions with others, as required. The following is a list of missions for this unit:

- 63-2-E0020 Deploy Company Level Unit
- 63-2-E0021 Relocate Company Level Unit
- 63-2-E0022 Establish Company Level Unit
- 10-2-1002 Conduct Water Supply and Distribution Operations
- 63-2-E0025 Defend Assigned Area.
- 63-2-E0026 Re-deploy Company Level Unit

(1) Each of these tasks may be trained separately or concurrently with other tasks during collective training exercises and evaluations. Training is based on the criteria described in the T&EOs. Several T&EOs can be trained as a STX. Various combinations of STXs can be used to develop a FTX for the unit to practice its entire mission responsibility. Several STXs can be developed into an external evaluation designed by the next higher echelon to evaluate the unit's ability to perform multiple missions under stress in a realistic environment.

(2) Squad tasks are trained in much the same way as described above. However, the squad leader must also train the drills provided in the drill book.

(3) Leader tasks that support the unit's missions are trained through STP and Officer Foundation System (OFS) training, battle simulations, and execution of the unit's missions.

(4) Individual tasks that support collective tasks are mastered by training to standards listed in the appropriate STP.

b. Commanders and Training. Effective training is the number one priority of commanders. The commander is the primary trainer and responsible for the wartime readiness of their formation. In wartime, training continues with a priority second only to combat or to the support of combat operations. Commanders must extract the greatest training value from every training opportunity. Effective training requires the commander's continuous personal time and energy to accomplish the following:

(1) Develop and communicate a clear vision. The commander's training vision provides the direction, purpose, and motivation necessary to prepare individuals and organizations to win in battle. It is based on a comprehensive understanding of the following:

- Mission, doctrine, and history
- Enemy/threat capabilities
- Operational environment
- Organizational and personnel strengths and weaknesses
- Training environment

(2) Train one echelon below and evaluate two echelons below. Commanders are responsible for training their own unit and one echelon below. Commanders evaluate units two echelons below. For example, brigade commanders train battalions and evaluate companies; battalion commanders train companies and evaluate platoons.

(3) Require subordinates to understand and perform their roles in training. Since good training results from leader involvement, one of the commander's principal roles in training is to teach subordinate trainers how to train and how to fight. The commander provides the continuing leadership that focuses on the organization's wartime mission. The commander assigns officers the primary responsibility for collective training and NCOs the primary responsibility for individual, crew, and small team training. The commander, as the primary trainer, uses multi-echelon techniques to meld leader, battle staff, and individual training requirements into collective training events, while recognizing the overlap in training responsibilities. Commanders teach, coach, and mentor subordinates throughout.

(4) Train all elements to be proficient on their mission essential tasks. Commanders must integrate and train to Army standard all battlefields operating systems (BOS), within and supporting their command, on their selected mission essential tasks. An important requirement for all leaders is to project training plans far enough into the future and to coordinate resources with sufficient lead-time.

(5) Develop subordinates. Competent and confident leaders build cohesive organizations with a strong chain of command, high morale, and good discipline. Therefore, commanders create leader development programs that develop warfighter professionalism -- skills and knowledge. They develop their subordinates' confidence and empower them to make independent, situational-based decisions on the battlefield.

(6) Involve themselves personally in planning, preparing, executing, and assessing training. The commander resources training and protects subordinate commanders' training time. They are actively involved in planning for future training. They create a sense of stability throughout the organization by protecting approved training plans from training distracters. Commanders protect the time of subordinate commanders allowing them to be present at training as much as possible. Subordinate commanders are responsible for executing the approved training to standard. Commanders are present during the conduct of training as much as possible and provide experienced feedback to all participants.

(7) Demand training standards are achieved. Leaders anticipate that some tasks will not be performed to standard. Therefore, they design time into training events to allow additional training on tasks not performed to standard. It is more important to train to standard on a limited number of critical tasks, rather than attempting and failing to achieve the standard on too many tasks, rationalizing that

corrective action will occur during some later training period. Soldiers will remember the enforced standard, not the one that was discussed.

(8) Ensure proper task and event discipline. Senior leaders ensure junior leaders plan the correct task-to-time ratio. Too many tasks guarantee nothing will get trained to standard and no time is allocated for retraining. Too many events result in improper preparation and recovery.

(9) Foster a command climate that is conducive to good training. Commanders create a climate that rewards subordinates who are bold and innovative trainers. They challenge the organization and each individual to train to full potential. Patience and coaching are essential ingredients to ultimate achievement of the Army standard.

(10) Eliminate training distractions. The commander who has planned and resourced a training event is responsible to ensure participation by the maximum number of soldiers. Administrative support burdens cannot be ignored; however, they can be managed using an effective time management system. Senior commanders must support subordinate commanders' efforts to train effectively by eliminating training distracters and reinforcing the requirement for all assigned personnel to be present during training.

c. Top-down/Bottom-up Approach to Training

(1) The top-down/bottom-up approach to training is a team effort in which senior leaders provide training focus, direction and resources, and junior leaders provide feedback on unit training proficiency, identify specific unit training needs, and execute training to standard in accordance with the approved plan. It is a team effort that maintains training focus, establishes training priorities, and enables effective communication between command echelons.

(2) Guidance, based on wartime mission and priorities, flows from the top-down and results in subordinate units' identification of specific collective and individual tasks that support the higher unit's mission. Input from the bottom up is essential because it identifies training needs to achieve task proficiency on identified collective and individual tasks. Leaders at all echelons communicate with each other about requirements, and planning, preparing, executing, and evaluating training.

(3) Senior leaders centralize planning to provide a consistent training focus from the top to the bottom of the organization. However, they decentralize execution to ensure that the conduct of mission related training sustains strengths and overcomes the weaknesses unique to each unit. Decentralized execution promotes subordinate leaders' initiative to train their units, but does not mean senior leaders give up their responsibilities to supervise training, develop leaders, and provide feedback.

d. Battle Focus

(1) Battle focus is a concept used to derive peacetime training requirements from assigned and anticipated missions. The priority of training in units is to train to standard on the wartime mission. Battle focus guides the planning, preparation, execution, and assessment of each organization's training program to ensure its members train as they are going to fight. Battle focus is critical throughout the entire training process and is used by commanders to allocate resources for training based on wartime and operational mission requirements. Battle focus enables commanders and staffs at all echelons to structure a training program that copes with non-mission-related requirements while focusing on mission essential training activities. It is recognized that a unit cannot attain proficiency to standard on every task whether due to time or other resource constraints. However, commanders can achieve a successful training program by consciously focusing on a reduced number of critical tasks that are essential to mission accomplishment.

(2) A critical aspect of the battle focus concept is to understand the responsibility for and the linkage between the collective mission essential tasks and the individual tasks that support them. The commander and the CSM must jointly coordinate the collective mission essential tasks and individual

training tasks on which the unit will concentrate its efforts during a given period. The CSM must select the specific individual tasks that support each collective task to be trained. Although NCOs have the primary role in training and sustaining individual soldier skills, officers at every echelon remain responsible for training to established standards during both individual and collective training. Battle focus is applied to all missions across the full spectrum of operations.

e. Battle Focus Training Management. The foundation of the training process is the Army Training Management Cycle. In the METL development process, training must be related to the organization's operational wartime mission and focus on METL tasks. Leaders develop the long-range, short-range, and near-term training plans to train for proficiency on METL tasks. After training plans are developed, units execute training by preparing, conducting, and recovering from training. The process continues with training evaluations that provide bottom-up input to organizational assessments. Organizational assessments provide necessary feedback to the senior commander that assist in preparing the training assessment.

1-6. METL-Linked Training Strategy. METL provides the foundation for the organization's training plans. The following fundamentals apply to METL development:

- The METL is derived from the organization's wartime plans and related tasks in external guidance
- Mission essential tasks must apply to the entire organization; METL does not include tasks assigned solely to subordinate organizations
- Each organization's METL must support and complement the METL of higher headquarters
- The availability of resources does not affect METL development; the METL is an unconstrained statement of the tasks required to accomplish wartime missions
- Commanders direct operations and integrate the BOS through plans and orders

a. METL-based Training. The METL is stabilized once approved. The commander is responsible for developing a training strategy that will maintain unit proficiency for all tasks designated as mission essential. Commanders involve subordinate commanders and their CSM in METL development to create a team approach to battle-focused training. Subordinate participation develops a common understanding of the organization's critical wartime requirements so that METLs throughout the organization are mutually supporting. Subordinate commanders can subsequently apply insights gained during preparation of the next higher headquarters' METL to the development of their own METL. The CSM and key NCOs must understand the organization's collective METL so that they can integrate individual tasks into each collective mission essential task during METL-based training.

b. Battle Tasks. After review and approval of subordinate organizations' METL, the senior commander selects battle tasks. A battle task is a staff or subordinate organization mission essential task that is so critical that its accomplishment will determine the success of the next higher organization's mission essential task. Battle tasks are selected for each METL task. Battle tasks allow the next higher commander to define the training tasks that --

- Integrate the BOS
- Receive the highest priority for resources, such as ammunition, training areas and facilities (to include live and virtual simulators and constructive simulations), materiel, and funds
- Receive emphasis during evaluations directed by senior headquarters

1-7. Planning Process. Planning is an extension of the battle-focused concept that links organizational METL with the subsequent preparation, execution, and evaluation of training. A relatively centralized process, planning develops mutually supporting METL-based training at all echelons within an organization. The planning process ensures continuous coordination from long-range planning, through short-range and near-term planning, and ultimately leads to training execution. The commander's

assessment provides direction and focus to the planning process used to develop battle-focused training programs.

a. The commander applies two principal inputs at the start of the planning process -- the METL and the training assessment. Commanders identify tasks that support the METL. The training assessment compares the organization's current level of training proficiency with the desired level of warfighting proficiency.

b. The commander uses the broad experience and knowledge of key subordinates to help determine the organization's current proficiency. Although subordinates provide their evaluation as input for consideration, only the commander can assess the unit's training proficiency. For example, a division commander may direct that the assistant division commanders, key staff members, and subordinate commanders evaluate the training proficiency of the division's ability to execute mission essential tasks and supporting battle tasks. The division CSM and subordinate CSMs evaluate proficiency on individual tasks that support collective tasks. The participants review available collective and individual evaluation information, relying heavily on personal observations. They then compare the organization's current task proficiency with the Army standard. The commander uses subordinate input in making the final determination of the organization's current proficiency on each task.

1-8. Principles of Training. This MTP is based on the ten training principles as found in FM 7-0, Training the Force, and as stated below:

√ Commanders are responsible for training
√ NCOs Train Individuals, Crews, and Small Teams
√ Train as a Combined Arms and Joint Team
√ Train for Combat Proficiency
√ Realistic Conditions
√ Performance Oriented
√ Train to Standard Using Appropriate Doctrine
√ Train to Adapt
√ Train to Maintain and Sustain
√ Train Using Multi-echelon Techniques
√ Train to Sustain Proficiency
√ Train and Develop Leaders

a. Commanders Are Responsible for Training

(1) Commanders are responsible for the training and performance of their soldiers and units. They are the primary training managers and trainers for their organization, are actively engaged in the training process, and adhere to the principles of training. To accomplish their training responsibility, commanders must --

- Be present at training to maximum extent possible
- Base training on mission requirements
- Train to applicable Army standards
- Assess current levels of proficiency
- Provide the required resources
- Develop and execute training plans that result in proficient individuals, leaders, and units

(2) Commanders delegate authority to NCOs in the chain of command as the primary trainers of individual, crew, and small teams. Commanders hold NCOs responsible for conducting standards-based, performance-oriented, battle-focused training and provide feedback on individual, crew, and team proficiency.

b. NCOs Train Individuals, Crews, and Small Teams. NCOs continue the soldierization process of newly assigned enlisted soldiers, and begin their professional development. NCOs are responsible for conducting standards-based, performance-oriented, battle-focused training. They identify specific individual, crew, and small team tasks that support the unit's collective mission essential tasks; plan, prepare, rehearse, and execute training; and evaluate training and conduct after action reviews (AARs) to provide feedback to the commander on individual, crew, and small team proficiency. Senior NCOs coach junior NCOs to master a wide range of individual tasks.

c. Train as a Combined Arms and Joint Team. The Army provides a Joint Force Commander (JFC) with trained and ready forces that expand the command's range of military options in full spectrum operations. Army commanders tailor and train forces to react quickly to any crisis. Army forces provide a JFC the capability to --

- Seize areas previously denied by the enemy
- Dominate land operations
- Provide support to civil authorities

(1) Joint training uses joint doctrine, tactics, techniques, and procedures. Service sponsored interoperability training occurs when two or more services train together using their respective service doctrine, tactics, techniques, and procedures. Although, not classified as joint training, Service sponsored interoperability is a vital component of joint proficiency and readiness.

(2) Army forces seldom operate unilaterally. Joint interdependence from the individual, crew, and small team to the operational level requires training to develop experienced, adaptive leaders, soldiers, and organizations prepared to operate with joint and multinational forces and to provide interagency unity of effort.

(3) The commander's training plan must achieve combined arms proficiency and ensure functional training proficiency of the combat arms, combat support, and combat service support units of the task force. Combined arms proficiency requires effective integration of BOS functions. The commander's training plan must integrate combined arms and functional training events.

(4) Combined arms training is standards based. The independent training of functional tasks and combined arms tasks to standard will not guarantee the desired effects of applying combat power at a decisive place and time. The standard for effective combined arms training requires a sequenced and continuous execution of functional tasks and combined arms tasks to standard in order to achieve "…integrated relative combat power at a decisive place and time."

d. Train for Combat Proficiency. The goal of all training is to achieve the standard. This develops and sustains combat capable warfighting organizations. To achieve this, units must train to standard under realistic conditions. Achieving standards requires hard work by commanders, staff officers, unit leaders, and soldiers. Within the confines of safety and common sense, commanders and leaders must be willing to accept less than perfect results initially and demand realism in training.

(1) Realistic Conditions. Tough, realistic, and intellectually and physically challenging training excites and motivates soldiers and leaders. Realistic training builds competence and confidence by developing and honing skills, and inspires excellence by fostering initiative, enthusiasm, and eagerness to learn. Successful completion of each training phase increases the capability and motivation of individuals and units for more sophisticated and challenging achievement. This is the commanders' continuous quest.

(2) Performance Oriented. Units become proficient in the performance of critical tasks and missions by practicing the tasks and missions. Soldiers learn best by doing, using an experiential, hands-on approach. Commanders and subordinate leaders are responsible to plan training that will provide these opportunities. All training assets and resources, to include training aids, devices, simulators, and simulations (TADSS), must be included in the unit's training strategy.

e. Train to Standard Using Appropriate Doctrine. Training must be done to the Army standard and conform to Army doctrine. In cases where mission tasks involve emerging doctrine or non-standard tasks, commanders establish the tasks, conditions and standards using mission orders and guidance, lessons learned from similar operations, and their professional judgment. The next higher commander approves the creation of the standards for these tasks. FM 3-0, Operations, provides the doctrinal foundation, and supporting doctrinal manuals describe common TTP that permit commanders and organizations to adjust rapidly to changing situations. Doctrine provides a basis for a common vocabulary across the force. In units, new soldiers will have little time to learn non-standard procedures. Therefore, units must train to the Army standard contained in the MTP and soldier training publications, while applying Army doctrine and current regulatory guidance.

f. Train to Adapt. Commanders train and develop adaptive leaders and units, and prepare their subordinates to operate in positions of increased responsibility. Repetitive, standards-based training provides relevant experience. Commanders intensify training experiences by varying training conditions. Training experiences coupled with timely feedback builds competence. Leaders build unit, staff and soldier confidence when they consistently demonstrate competence. Competence, confidence, and discipline promote initiative and enable leaders to adapt to changing situations and conditions. They improvise with the resources at hand, exploit opportunities and accomplish their assigned mission in the absence of orders. Commanders, at every echelon, integrate training events in their training plans to develop and train imaginative, adaptive leaders and units.

g. Train to Maintain and Sustain. Soldier and equipment maintenance is a vital part of every training program. Soldiers and leaders are responsible for maintaining all assigned equipment and supplies in a high state of readiness to support training or operational missions. Units must be capable of fighting for sustained periods of time with the equipment they are issued. Soldiers must become experts in both the operation and maintenance of their equipment. This link between training and sustainment is vital to mission success.

h. Train Using Multi-echelon Techniques. Multi-echelon training is the most effective and efficient way of sustaining proficiency on mission essential tasks with limited time and resources. Commanders use multi-echelon training to --

- Train leaders, battle staffs, units, and individuals at each echelon of the organization simultaneously
- Maximize use of allocated resources and available time
- Reduce the effects of personnel turbulence

i. Train to Sustain Proficiency

(1) Once individuals and units have trained to a required level of proficiency, leaders must structure individual and collective training plans to retrain critical tasks at the minimum frequency necessary to sustain proficiency. Sustainment training is the key to maintaining unit proficiency through personnel turbulence and operational deployments. MTP and individual training plans are tools to help achieve and sustain collective and individual proficiency. Sustainment training must occur often enough to train new soldiers and minimize skill decay. Army units train to accomplish their missions by frequent sustainment training on critical tasks. Infrequent "peaking" of training for an event (CTC rotation, for example) does not sustain wartime proficiency. Battle-focused training is training on wartime tasks. Many of the METL tasks that a unit trains on for its wartime mission are the same as required for a stability operation or support operation that they might execute.

(2) Sustainment training enables units to operate in a Band of Excellence (Figure 1-2) through appropriate repetition of critical tasks. The Band of Excellence is the range of proficiency within which a unit is capable of executing its wartime METL tasks. For RC units the Band of Excellence is the range of proficiency within which a unit is capable of executing its pre-mobilization tasks. Training to sustain proficiency in the Band of Excellence includes training of leaders, battle staffs, and small lethal

units. The solid black line shows the results of an effective unit training strategy that sustains training proficiency over time, maintaining it within the Band of Excellence. The dotted black line shows an ineffective training strategy that often causes the unit to fall outside the Band of Excellence, thus requiring significant additional training before the unit is capable of executing its wartime METL tasks. Personnel turbulence and availability of resources pose a continuous challenge to maintaining METL proficiency within the Band of Excellence.

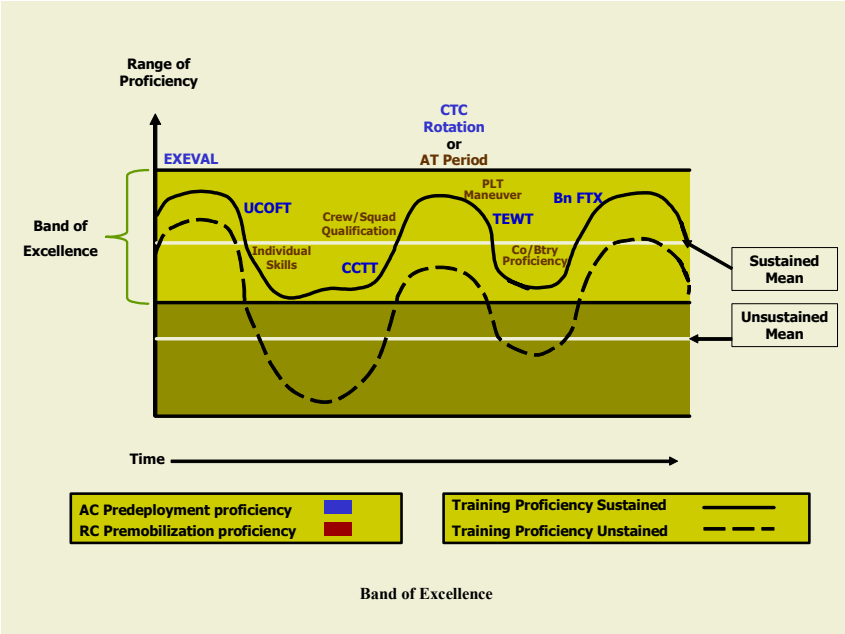


Figure 1-2. Band of Excellence

j. Train and Develop Leaders. Commanders have a duty and execute a vital role in leader training and leader development. They teach subordinates how to fight and how to train. They mentor, guide, listen to, and "think with" subordinates. They train leaders to plan training in detail, prepare for training thoroughly, execute training aggressively, and evaluate short-term training proficiency in terms of desired long-term results. Training and developing leaders is an embedded component of every training event. Nothing is more important to the Army than building confident, competent, adaptive leaders for tomorrow.

1-9. Training Strategy. The training program developed and executed by a unit to train to standards in its critical wartime missions is a component of the Army's Combined Arms Training Strategy (CATS) as discussed in TRADOC Regulation 350-70. The purpose of the CATS is to provide direction and guidance on how the Army will train and identify the resources required to support that training. CATS provides 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 reflecting that while there is an optimal way to train to standard, it is unlikely that all units in the Army will have the exact mix of resources required to execute an optimal training strategy.

b. This unit's training strategy contained in Appendix A of this MTP is a descriptive training strategy that provides a means for training (the battalion) to standard by listing required training events, critical training gates, training event frequencies, and training resources. The commander selects from this MTP those tasks required to train his METL. The training strategies provided in the MTP provide the

means whereby those tasks can be trained through a focused and integrated training plan.

c. This unit's training strategy is comprised 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) Maneuver and Collective Training Strategy. The maneuver strategy is intended to provide 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.

(2) Gunnery Strategy. The gunnery strategy is built around weapons systems found in the unit and is intended to provide an annual training plan and to depict resources required to support weapons training. Data for the gunnery strategy comes from the Standards in Training Commission (STRAC) manual or appropriate field manual publications.

(3) Soldier Strategy. The soldier strategy provides an annual plan for training and maintaining skills at the individual level and lists the resources required to train a soldier.

d. A critical element in the unit training strategy is the identification of critical training gates. Critical training gates are defined as training events that must be conducted to standard before moving on to a more difficult or resource intensive training event or task. Training gates follow the crawl-walk-run training methodology. For instance, if the unit training strategy calls for conducting a FTX, and a STX has been identified as a critical training gate for the FTX, the training tasks contained in the STX must be trained to standard prior to conducting the FTX. Standards for all tasks must be clearly defined so that the trainer can assess the preparedness of his soldiers, or unit(s), to move on to more complex training events. The provision for critical training gates recognizes that the unit's METL, and the commander's assessment of his unit's training status, will determine the selection and timing of the collective training exercises in a specific unit's training strategy.

e. When developing the unit's training plan, the commander will identify the training tasks from the MTP required to train his METL. CATS are found in Appendix A of company and higher echelon MTPs.

1-10. Executing Training. This MTP is designed to facilitate the planning, preparation, and conduct of unit training as explained in the FM 7-0, Training the Force.

a. The commander will assign 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 will review the mission outlines in Chapter 3 to determine whether the FTXs and STXs provided will support or can be modified to support your commander's guidance. If they do not support the guidance or need to be modified, refer to the matrixes in Chapter 2. These matrixes provide a listing of all collective tasks, drills, and individual tasks that must be mastered to perform the mission.

c. The commander will prioritize the tasks that need training. Time is seldom available to train everything. The commander must orient on the greatest challenges and most difficult sustainment skills.

d. The commander will integrate training tasks into the training schedule. Use the following procedures to do this:

(1) List the tasks in the priority and frequency they need to be trained.

(2) Determine the amount of time required and how you can use multi-echelon

training for the best results.

(3) Determine where the training can take place.

(4) Determine who will be responsible for what. The leader of the element being trained must always be involved.

(5) Organize your needs 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.

h. Training Execution. All good training, regardless of the specific collective, leader, and individual tasks being executed, must comply with certain common requirements. These include adequate preparation, effective presentation and practice, and thorough evaluation. (Evaluation is discussed in Paragraph 1-13a, below.) The execution of training includes preparation for training, conduct of training, and recovery from training.

(1) Preparation for Training. Formal near-term planning for training culminates with the publication of the unit-training schedule. Informal planning, detailed coordination, and preparation for executing the training continue until the training is performed. Commanders and other trainers use training meetings to assign responsibility for preparation of all scheduled training. Preparation for training includes selecting tasks to be trained, planning the conduct of the training, training the trainers, reconnaissance of the site, issuing the training execution plan, and conducting rehearsals and pre-execution checks. Pre-execution checks are preliminary actions commanders and trainers use to identify responsibility for these and other training support tasks. They are used to monitor preparation activities and to follow up to ensure planned training is conducted to standard. Pre-execution checks are a critical portion of any training meeting. During preparation for training, battalion and company commanders identify and eliminate potential training distracters that develop within their own organizations. They also stress personnel accountability to ensure maximum attendance at training.

(a) Subordinate leaders, as a result of the bottom-up feed from internal training meetings, identify and select the collective, leader, and individual tasks necessary to support the identified training objectives. Commanders develop the tentative plan to include requirements for preparatory training, concurrent training, and training resources. At a minimum, the training plan should include confirmation of training areas and locations, training ammunition allocations, training simulations and simulators availability, transportation requirements, soldier support items, a risk management analysis, assignment of responsibility for the training, designation of trainers responsible for approved training, and final coordination. The time and other necessary resources for retraining must also be an integral part of the original training plan.

(b) Leaders, trainers, evaluators, observer/controllers, and OPFOR are identified, trained to standard, and rehearsed prior to the conduct of the training. Leaders and trainers are coached on how to train, given time to prepare, and rehearsed so that training will be challenging and doctrinally correct. Commanders ensure that trainers and evaluators are not only tactically and technically competent on their training tasks, but also understand how the training relates to the organization's METL. Properly prepared trainers, evaluators, and leaders project confidence and enthusiasm to those being trained. Trainer and leader training is a critical event in the preparation phase of training. These individuals must demonstrate proficiency on the selected tasks prior to the conduct of training.

(c) Commanders, with their subordinate leaders and trainers, conduct site reconnaissance, identify additional training support requirements, and refine and issue the training execution plan. The training plan should identify all those elements necessary to ensure the conduct of training to standard. Rehearsals are essential to the execution of good training. Realistic, standards-based, performance-oriented training requires rehearsals for trainers, support personnel, evaluators, observer/controllers and OPFOR. Preparing for training in RC organizations can require complex pre-execution checks. RC trainers must often conduct detailed coordination to obtain equipment, training support system products and ammunition from distant locations. In addition, RC pre-execution checks may be required to coordinate AC assistance from the numbered CONUSA, training support divisions, and directed training affiliations.

(2) Conduct of Training. Ideally, training is executed using the crawl-walk-run approach. This allows and promotes an objective, standards-based approach to training. Training starts at the basic level. Crawl events are relatively simple to conduct and require minimum support from the unit. After the crawl stage, training becomes incrementally more difficult, requiring more resources from the unit and home station, and increasing the level of realism. At the run stage, the level of difficulty for the training event intensifies. Run stage training requires optimum resources and ideally approaches the level of realism expected in combat. Progression from the walk to the run stage for a particular task may occur during a one-day training exercise or may require a succession of training periods over time. Achievement of the Army standard determines progression between stages.

(a) In crawl-walk-run training, the tasks and the standards remain the same; however, the conditions under which they are trained change. Commanders may change the conditions, for example, by increasing the difficulty of the conditions under which the task is being performed, increasing the tempo of the task training, increasing the number of tasks being trained, or by increasing the number of personnel involved in the training. Whichever approach is used, it is important that all leaders and soldiers involved understand in which stage they are currently training and understand the Army standard.

(b) An example of the crawl-walk-run approach occurs in the execution of a platoon executing a STX. In the crawl stage, the platoon conducts a dismounted rehearsal of the task. In the walk stage, the platoon conducts a full rehearsal of the task. In the run stage, the platoon executes several iterations of the task against an OPFOR. Some iterations are conducted under nuclear, biological and chemical conditions, and some during periods of limited visibility. During each iteration of the task, the platoon strives to achieve the tactical objective to the standard described in the T&EO.

(c) An AAR is immediately conducted and may result in the need for additional training. Any task that was not conducted to standard should be retrained. Retraining should be conducted at the earliest opportunity. Commanders should program time and other resources for retraining as an integral part of their training plan. Training is incomplete until the task is trained to standard. Soldiers will remember the standard enforced, not the one discussed.

(3) Recovery From Training. The recovery process is an extension of training, and once completed, it signifies the end of the training event. At a minimum, recovery includes conduct of maintenance training, turn-in of training support items, and the conduct of AARs that review the overall effectiveness of the training just completed.

(a) Maintenance training is the conduct of post-operations preventive maintenance checks and services, accountability of organizational and individual equipment, and final inspections. Class IV, Class V, TADSS and other support items are maintained, accounted for, turned-in, and training sites and facilities are closed out.

(b) AARs conducted during recovery focus on collective, leader, and individual task performance, and on the planning, preparation and conduct of the training just completed. Unit AARs focus on individual and collective task performance, and identify shortcomings and the training

required to correct deficiencies. AARs with leaders focus on tactical judgment. These AARs contribute to leader learning and provide opportunities for leader development. AARs with trainers, evaluators, observer/controllers, and OPFOR provide additional opportunities for leader development.

1-11. Force Protection (Safety)

a. Safety is a component of force protection. Commanders, leaders and soldiers use risk assessment and management to tie force protection into the military around the mission. Risk management assigns responsibility, institutionalizes 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' project 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. Safety begins with readiness, which 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.

(4) Standards and procedures for task preference that is clear and practical.

(5) Support for task preference, including equipment, personnel, maintenance, facilities and services.

b. Risk management is a tool that addresses the root causes 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.

c. Incorporate risk management into all training plans and supporting training events. The nature of our profession is inherently dangerous. Commanders must train their units to tough standards under the most realistic conditions possible. Application of the risk management process will not detract from this training goal, but will enhance execution of highly effective, realistic training. Risk management is the process of identifying, assessing, and controlling risks arising from operational factors and making decisions that balance risk costs with mission training benefits. Leaders and soldiers at all echelons use risk management to conserve combat power and resources. Leaders and staffs continuously identify hazards and assess both accident and tactical risks. They then develop and coordinate control measures to mitigate or eliminate hazards. Risk management is a continuous process for each mission or training event. It must be integral to military decisions, tied into each training plan, and become a continuous part of preparation for training.

d. Safety demands total chain of command involvement in planning, preparing, executing and evaluating training. The chain of command responsibilities include:

(1) Commanders

- Seek optimum, not adequate, performance
- Specify the risk they will accept to accomplish the mission
- Select risk reductions provided by staff
- Accept or reject residual risk, based on the benefit to be derived
- Train and motivate leaders at all levels to effectively use risk management concepts

(2) Staff

- Assists the commander in assessing risks and develops risk reduction options for training
- Integrates risk controls in plans, orders, METL standards and performance measures
- Eliminates unnecessary safety restrictions that diminish training effectiveness
- Assesses safety performance during training
- Evaluates safety performance during AARs

(3) Subordinate Leaders

- Apply consistently effective risk management concepts and methods to operations they lead
- Report risk issues beyond their control or authority to their superiors

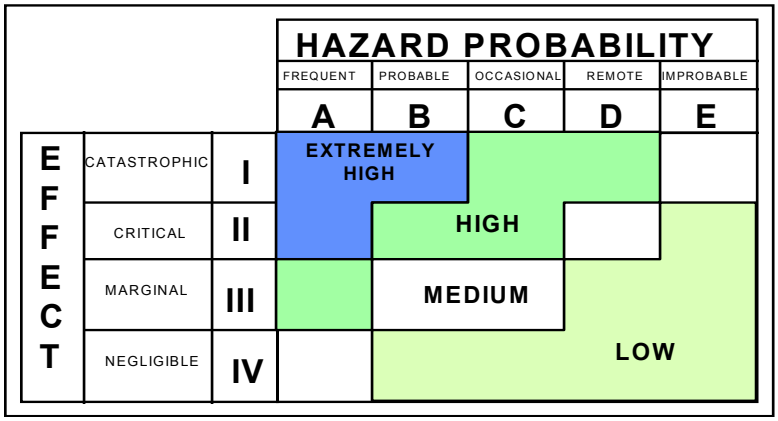
(4) Individual Soldiers

- Report unsafe conditions and act to correct the situation when possible
- Establish a buddy system to keep a safety watch on one another
- Take responsibility for personal safety
- Work as a team member
- 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 5-0, Army Planning Orders Production. 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 probably effect of the accident. Identify control options to eliminate or reduce the hazard. The Army Standard Rick Assessment Matrix (Figure 1-3) is a tool for assessing hazards.



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 1-3. Risk Assessment Matrix

(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.

(4) Implement Controls. Integrate specific controls into operation plans (OPLANs), operation orders (OPORDs), standing operating procedures (SOPs) and rehearsals. Communicate controls to the individual soldier.

(5) 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.

f. Fratricide is a component of force protection and is closely related to safety. Fratricide is the employment of weapons, with the intent to kill the enemy or destroy his equipment that results in unforeseen and unintentional death, injury or damage to friendly personnel or equipment. Fratricide is by definition an accident. Risk assessment and management is the mechanism with which incidence of fratricide can be controlled.

g. The primary causes of fratricide are:

(1) Direct Fire Control Plan Failures. These occur when units fail to develop defensive and, particularly, offensive fire control plans.

(2) Land Navigation Failures. These result when units stray out of sector, report wrong locations, and become disoriented.

(3) Combat Identification Failures. These failures include gunners or pilots being unable to distinguish thermal and optical signatures near the maximum range of their sighting systems and units in proximity mistaking each other for the enemy under limited visibility conditions.

(4) Inadequate Control Measures. Units fail to disseminate the minimum maneuver and fire support control measures necessary to tie control measures to recognizable terrain or events.

(5) Reporting Communication Failures. Units at all levels face problems in generating timely, accurate, and complete reports as locations and tactical situations change.

(6) Weapons Error. Lapses in individual discipline lead to charge errors, accidental discharges, mistakes with explosives and hand grenades, and similar incidents.

(7) Battlefield Hazards. Unexploded ordnance, unmarked or unrecorded minefields, family of scatterable mines (FASCAM), and booby traps litter the battlefield. Failure to mark, remove, record or anticipate these hazards increases the risk of friendly casualties.

h. Fratricide results in unacceptable losses and increases the risk of mission failure. Fratricide undermines the unit's ability to survive and function. Units experiencing fratricide observe these consequences:

- Loss of confidence in the unit leadership
- Increasing self-doubt among leaders
- Hesitation to use supporting combat systems
- Over supervision of units
- Hesitation to conduct night operations
- Loss of aggressiveness during fire and maneuver
- Loss of initiative
- Disrupted operations
- General degradation of cohesiveness, morale, and combat power

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 the Environmental Risk Assessment Matrix (Figure 1-4). 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, 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 integrating them into plans, orders, SOPs, training performance standards and rehearsals.

f. Supervise. Supervise and enforce environmental protection standards.

Environmental area					**Rating:**	
Unit Operations	**Risk Impact**					
Movement of heavy vehicle/systems	**5**	**4**	**3**	**2**	**1**	**0**
Movement of personnel and light vehicles/systems	**5**	**4**	**3**	**2**	**1**	**0**
Assembly area activities	**5**	**4**	**3**	**2**	**1**	**0**
Field maintenance of equipment	**5**	**4**	**3**	**2**	**1**	**0**
Garrison maintenance of equipment	**5**	**4**	**3**	**2**	**1**	**0**

Environmental Risk Assessment Worksheet

	Movement of heavy vehicles/systems	Movement of personnel and light systems	Assembly area activities	Field maintenance of equipment	Garrison maintenance of equipment	Risk rating
Air pollution						
Archeological and historical sites						
Hazardous materiel/waste						
Noise pollution						
Threatened/endangered species						
Water pollution						
Wetland protection						
Overall rating						

Overall Environmental Risk Assessment Form

Category	Range	Environmental Damage	Decision Maker
Low	0-58	Little or none	Appropriate level
Medium	59-117	Minor	Appropriate level
High	118-149	Significant	Division Cmdr
Extremely High	150-175	Severe	MACOM Cmdr

Risk Categories

Figure 1-4. Environmental Risk Assessment Matrix

1-13. Assessment. Assessment is the commander's responsibility. It is the commander's judgment of the organization's ability to accomplish its wartime operational mission. Assessment is a continuous process that includes evaluating training, conducting an organizational assessment, and preparing a training assessment. The commander uses his experience, feedback from training evaluations, and other evaluations and reports to arrive at his assessment. Assessment is both the end and the beginning of the training management cycle. Training assessment is more than just training evaluation, and encompasses a wide variety of inputs. Assessments include such diverse systems as training, force integration, logistics, and personnel, and provide the link between the unit's performance and the Army standard. Evaluation of training is, however, a major component of assessment. Training evaluations provide the commander with feedback on the demonstrated training proficiency of soldiers, leaders, battle staffs, and units. Commanders cannot personally observe all training in their organization and, therefore, gather feedback from their senior staff officers and NCOs.

a. Types of Training Evaluations. Evaluations can be informal, formal, internal, external, or any combination thereof. (See Chapter 6, External Evaluation.)

(1) Informal evaluations take place when a leader conducts training with his unit, for example, when a squad leader trains his squad to assault an objective. Another example would be whenever a leader visits ongoing training, for instance, when a battalion commander observes company training. This type of evaluation provides real-time feedback on the training environment and the proficiency resulting from training.

(2) Formal evaluations are resourced with dedicated evaluators and are generally scheduled in the long-range or short-range training plans. Formal evaluations are normally highlighted during short-range training briefings. To the maximum extent possible, headquarters two echelons higher conduct formal external evaluations; i.e., division commanders evaluate battalions, brigade commanders evaluate companies, and battalion commanders evaluate platoons.

(3) Internal evaluations are planned, resourced, and conducted by the organization undergoing the evaluation.

(4) External evaluations are planned, resourced, and conducted by a headquarters at an echelon higher in the chain of command than the organization undergoing the evaluation or a headquarters outside the chain of command.

b. Evaluation of Training. Training evaluations are a critical component of any training assessment. Evaluation measures the demonstrated ability of soldiers, commanders, leaders, battle staffs, and units against the Army standard. Evaluation of training is integral to standards-based training and is the cornerstone of leader training and leader development. The T&EOs in Chapter 5 describe standards that must be met for each task.

(1) All training must be evaluated to measure performance levels against the established Army standard. The evaluation can be as fundamental as an informal, internal evaluation performed by the leader conducting the training. Evaluation is conducted specifically to enable the unit or individual undergoing the training to know whether the training standard has been achieved. Commanders must establish a climate that encourages candid and accurate feedback for the purpose of developing leaders and trained units.

(2) Evaluation of training is not a test; it is not used to find reasons to punish leaders and soldiers. Evaluation tells the unit or the soldier whether or not they achieved the Army standard and, therefore, assists them in determining the overall effectiveness of their training plans. Evaluation produces disciplined soldiers, leaders and units. Training without evaluation is a waste of time and resources.

(3) Evaluations are used by leaders as an opportunity to coach and mentor subordinates. A key element in developing leaders is immediate, positive feedback that coaches and leads subordinate leaders to achieve the Army standard. This is a tested and proven path to develop competent, confident adaptive leaders.

(4) 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.

c. Evaluators. Commanders must plan for formal evaluation and must ensure the evaluators are trained. These evaluators must also be trained as facilitators to conduct AARs that elicit maximum participation from those being trained. External evaluators will be certified in the tasks they are evaluating and normally will not be dual-hatted as a participant in the training being executed.

d. Role of Commanders and Leaders. Commanders ensure that evaluations take place at each echelon in the organization. Commanders use this feedback to teach, coach, and mentor their subordinates. They ensure that every training event is evaluated as part of training execution and that every trainer conducts evaluations. Commanders use evaluations to focus command attention by requiring evaluation of specific mission essential and battle tasks. They also take advantage of evaluation information to develop appropriate lessons learned for distribution throughout their commands.

(1) The use of evaluation data can have a strong effect on the command climate of the organization. Therefore, senior commanders make on-the-spot corrections, underwrite honest mistakes, and create an environment for aggressive action to correct training deficiencies, through retraining. 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 should not be totally eliminated. Plan AARs at frequent logical intervals during the exercises. (usually after the completion of a major subordinate task). This is a proven technique that will allow correcting performance shortcomings while they are still fresh in everyone's mind and prevent reinforcement of bad habits.

(2) Commanders use training evaluations as one component of a feedback system. To keep the training system dynamic, they use feedback to determine the effectiveness of the planning, execution, and assessment portions of the training management cycle. These feedback systems allow the commander to make changes that lead to superior training results and to teach, coach and mentor subordinate leaders. To be effective, this feedback flows between senior and subordinate headquarters, within each command echelon, and among a network of trainers that may cross several command lines.

e. After Action Review. The AAR, whether formal or informal, provides feedback for all training. It is a structured review process that allows participating soldiers, leaders, and units to discover for them what happened during the training, why it happened, and how it can be done better. The AAR is a professional discussion that requires the active participation of those being trained. Take-home packages are an excellent source of feedback to include in a unit assessment. These packages consist of videotapes and written documentation of AARs, a report of unit strengths and weaknesses as noted by the observer/controllers, and recommendations for future home station training.

1-14. Feedback. Recommendations for improvement of this MTP are requested. Feedback will help to ensure that this MTP answers the training needs of units in the field. There is a questionnaire at the end of this MTP to make it easier to send recommendations and comments.

Chapter 2

Training Matrixes

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

2-2. Mission To Collective Tasks Matrix. Matrix (Figure 2-2), identifies the missions and their supporting collective tasks. The tasks are listed under the appropriate BOS, which are indicated by an **X** in the matrix. The BOS used in this matrix 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 Identification- Mission Title

A - Conduct Water Supply and Distribution Operations

B - Defend Assigned Area

C - Deploy Company Level Unit

D - Establish Company Level Unit

E – Re-deploy Company Level Unit

F - Relocate Company Level Unit

Figure 2-1. Mission Identification Table.

Collective Tasks		A	B	C	D	E	F
Deploy/Conduct Maneuver							
63-2-4002	Prepare Unit To Move						X
63-2-4003	Conduct Tactical Road March						X
63-2-4008	Perform Advance/Quartering Party Activities				X		X
63-2-4518	Set Up Unit Headquarters and Bivouac Areas				X		
63-2-4009	Occupy New Operating Site				X		
63-2-4801	Perform Deployment Alert Activities			X			
63-2-4802	Perform Personnel and Administrative Pre-deployment Activities			X			
63-2-4803	Perform Pre-deployment Training Activities			X			

Figure 2-2. Collective Task to Missions

Collective Tasks		A	B	C	D	E	F
63-2-4804	Perform Pre-deployment Supply Activities			X			
63-2-4805	Perform Pre-deployment Maintenance Activities			X			
63-2-4806	Prepare Vehicles and Equipment for Deployment			X			
63-2-4807	Prepare Unit for Non-Tactical Move			X		X	
63-2-4808	Conduct Non-Tactical Road March			X		X	
63-2-4809	Perform Sea Port of Embarkation Activities for Deployment			X			
63-2-4810	Perform Aerial Port of Embarkation Activities for Deployment			X			
63-2-4811	Perform Aerial Port of Debarkation Activities for Deployment			X			
63-2-4812	Perform Sea Port of Debarkation Activities for Deployment			X			
63-2-4813	Prepare Equipment Reception Team for Tactical Road March			X			
63-2-4814	Perform Re-deployment Personnel and Administrative Actions					X	
63-2-4815	Perform Re-deployment Training Activities					X	
63-2-4816	Perform Re-deployment Supply Activities					X	
63-2-4817	Perform Re-deployment Maintenance Activities					X	
63-2-4818	Prepare Vehicles and Equipment for Re-deployment					X	
63-2-4819	Perform Sea Port of Embarkation Activities for Re-deployment					X	
63-2-4820	Perform Aerial Port of Embarkation Activities for Re-deployment					X	
63-2-4821	Perform Aerial Port of Debarkation Activities for Re-deployment					X	
63-2-4822	Perform Home Station Activities					X	

Figure 2-2. Collective Task to Missions (continued)

Collective Tasks		A	B	C	D	E	F
63-2-4823	Perform Sea Port of Debarkation Activities for Re-deployment					X	
63-2-4824	Perform Demobilization Station Activities					X	
63-2-4825	Conduct Integration Activities			X			
63-2-4826	Conduct Staging Activities			X			
Employ Firepower							
63-2-4307	Use Passive Air Defense Measures	X	X		X		X
63-2-4308	Take Active Air Defense Measures Against Hostile Aircraft	X	X				X
Protect the Force							
63-2-4005	Cross A Radiologically Contaminated Area						X
63-2-4006	Defend Convoy Elements						X
63-2-4011	Set Up Unit Defense				X		
63-2-4013	Prepare Unit For Nuclear, Biological, and Chemical Conditions				X		
63-2-4016	Employ Operations Security Measures	X	X	X	X		X
63-2-4018	Perform Operational Decontamination	X					X
63-2-4019	Perform Thorough Decontamination	X					X
63-2-4020	Respond to the Initial Effects of a Nuclear Attack	X					
63-2-4021	Defend Against a Level I Attack	X					
63-2-4022	Prepare Unit for Level II/III Threat		X				
63-2-4023	Conduct Hasty Displacement		X				
63-2-4024	Defend Unit Area		X				
63-2-4025	Perform Withdrawal Under Fire		X				
63-2-4026	Reorganize Unit Defense		X				
63-2-4027	Execute Battle Handover		X				
63-2-4028	Perform Area Damage Control Functions		X				
63-2-4202	Prepare Unit for a Chemical Attack	X					

Figure 2-2. Collective Task to Missions (continued)

Collective Tasks		A	B	C	D	E	F
63-2-4207	Perform Radiological Decontamination	X					
63-2-4226	Cross a Chemically Contaminated Area						X
63-2-4306	Employ Physical Security Measures	X	X		X	X	
63-2-4327	Prepare for a Friendly Nuclear Strike	X					
63-2-4328	Respond to the Residual Effects of a Nuclear Attack	X					
63-2-4334	Respond to a Chemical Attack	X					X
63-2-4522	Destroy Supplies and Equipment	X	X				
Perform CSS and Sustainment							
08-2-0003.63-0001	Treat Casualties	X	X		X		X
10-2-0213	Conduct Water Quality Analysis Program	X					
10-2-0217	Produce Potable Water	X					
10-2-0215	Set Up Water Elements				X		
10-2-4513	Perform Unit Mortuary Affairs Operations	X	X		X		X
63-2-4015	Provide Personnel and Administrative Support	X					
63-2-4056	Provide Food Service Support	X					
63-2-4303	Combat Battlefield Stress	X	X	X	X		X
63-2-4304	Process Enemy Prisoners of War	X	X		X		X
63-2-4305	Process Captured Documents and Equipment	X	X		X		X
63-2-4315	Perform Field Sanitation Functions	X			X	X	X
63-2-4316	Transport Casualties	X	X		X		X
63-2-4326	Perform Risk Management Procedures	X	X	X	X	X	X
63-2-4514	Receive Re-supply by Airdrop	X					
63-2-4515	Provide Unit Supply Support	X			X		
63-2-4516	Receive External Sling Load Re-supply	X					

Figure 2-2. Collective Task to Missions (continued)

Collective Tasks		A	B	C	D	E	F
63-2-4552	Perform Unit-Level Maintenance	X					
Exercise Command and Control							
63-2-4001	Plan Unit Move						X
63-2-4007	Plan Occupation of New Area of Operations				X		
63-2-4010	Plan Unit Defense		X		X		
63-2-4017	Maintain Communications	X	X				
63-2-4040	Establish Communications				X		
63-2-4827	Plan Unit Mobilization in a Peacetime Environment			X			
63-2-4828	Plan Unit Deployment Activities Upon Receipt of a Warning Order			X			
63-2-4829	Plan Unit Re-deployment					X	

Figure 2-2. Collective Task to Missions (continued)

Chapter 3

Mission Outlines/Training Plans

3-1. General. The mission outline illustrates the relationship between the missions and their supporting tasks.

3-2. Mission Outline. Since unit training is mission-oriented, the mission outline shows how task training contributes to the ability of this unit to perform its missions. The mission outline, Figure 3-1, provides the commander with a visual outline of his unit's missions in a format that facilitates the planning and management of training.

MISSION OUTLINE

FTX – Provide Bulk Purified Water Support

STX 63-2-E0020 -- Deploy Company Level Unit	
Employ Operations Security Measures	63-2-4016
Combat Battlefield Stress	63-2-4303
Perform Risk Management Procedures	63-2-4326
Perform Deployment Alert Activities	63-2-4801
Perform Personnel and Administrative Pre-deployment Activities	63-2-4802
Perform Pre-deployment Training Activities	63-2-4803
Perform Pre-deployment Supply Activities	63-2-4804
Perform Pre-deployment Maintenance Activities	63-2-4805
Prepare Vehicles & Equipment for Deployment	63-2-4806
Prepare Unit for Non-Tactical Move	63-2-4807
Conduct Non-Tactical Road March	63-2-4808
Perform Sea Port of Embarkation Activities for Deployment	63-2-4809
Perform Aerial Port of Embarkation Activities for Deployment	63-2-4810
Perform Aerial Port of Debarkation Activities for Deployment	63-2-4811
Perform Sea Port of Debarkation Activities for Deployment	63-2-4812
Prepare Equipment Reception Team for Tactical Road March	63-2-4813
Conduct Integration Activities	63-2-4825
Conduct Staging Activities	63-2-4826
Plan Unit Mobilization In a Peacetime Environment	63-2-4827
Plan Unit Deployment Activities Upon Receipt of a Warning Order	63-2-4828

Figure 3-1. Mission Outline

FTX – Provide Bulk Purified Water Support

STX 63-2-E0021 -- Relocate Company Level Unit	
Plan Unit Move	63-2-4001
Prepare Unit to Move	63-2-4002
Conduct Tactical Road March	63-2-4003
Cross a Radiologically Contaminated Area	63-2-4005
Defend Convoy Elements	63-2-4006
Perform Advance/Quartering Party Activities	63-2-4008
Employ Operations Security Measures	63-2-4016
Perform Operational Decontamination	63-2-4018
Perform Thorough Decontamination	63-2-4019
Cross a Chemically Contaminated Area	63-2-4226
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Use Passive Air Defense Measures	63-2-4307
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Respond to a Chemical Attack	63-2-4334
Perform Unit Mortuary Affairs Operations	10-2-4513
Treat Casualties	08-2-0003.63-0001

STX 63-2-E0022 -- Establish Company Level Area	
Plan Occupation of New Area of Operations	63-2-4007
Perform Advance/Quartering Party Activities	63-2-4008
Occupy New Operating Site	63-2-4009
Set Up Water Elements	10-2-0215
Plan Area Damage Control	63-2-4014
Provide Human Resources Support	63-2-4015
Maintain Communications	63-2-4017
Plan Unit Defense	63-2-4010
Set Up Unit Defense	63-2-4011
Prepare Unit for Nuclear, Biological, and Chemical Conditions	63-2-4013
Employ Operations Security Measures	63-2-4016
Establish Communications	63-2-4040
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Perform Unit Mortuary Affairs Operations	10-2-4513
Provide Unit Supply Support	63-2-4515
Set Up Unit Headquarters and Bivouac Areas	63-2-4518
Treat Casualties	08-2-0003.63-0001
Perform Unit Level Maintenance Support	63-2-4575

Figure 3-1. Mission Outline (continued)

FTX – Provide Bulk Purified Water Support

STX 10-2-1002 – Conduct Water Supply and Distribution Operations	
Provide Personnel and Administrative Support	63-2-4015
Employ Operations Security Measures	63-2-4016
Maintain Communications	63-2-4017
Perform Operational Decontamination	63-2-4018
Perform Thorough Decontamination	63-2-4019
Respond to Initial Effects of a Nuclear Attack	63-2-4020
Defend Against a Level I Attack	63-2-4021
Prepare Unit for a Chemical Attack	63-2-4202
Perform Radiological Decontamination	63-2-4207
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Prepare for a Friendly Nuclear Strike	63-2-4327
Respond to Residual Effects of a Nuclear Attack	63-2-4328
Respond to a Chemical Attack	63-2-4334
Perform Unit Mortuary Affairs Operations	10-2-4513
Receive Re-supply By Airdrop	63-2-4514
Provide Unit Supply Support	63-2-4515
Receive External Sling Load Re-supply	63-2-4516
Treat Casualties	08-2-0003.63-0001
Destroy Supplies and Equipment	63-2-4522
Conduct Water Quality Analysis Program	10-2-0213
Produce Potable Water	10-2-0217
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308

Figure 3-1. Mission Outline (continued)

FTX – Provide Bulk Purified Water Support

STX 63-2-E0025 -- Defend Assigned Area	
Plan Unit Defense	63-2-4010
Employ Operational Security Measures	63-2-4016
Maintain Communications	63-2-4017
Prepare Unit for Level II/III Threat	63-2-4022
Conduct Hasty Displacement	63-2-4023
Defend Unit Area	63-2-4024
Perform Withdrawal Under Fire	63-2-4025
Reorganize Unit Defense	63-2-4026
Execute Battle Handover	63-2-4027
Perform Area Damage Control Functions	63-2-4028
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Perform Unit Mortuary Affairs Operations	10-2-4513
Treat Casualties	08-2-0003.63-0001
Destroy Supplies and Equipment	63-2-4522

STX 63-2-E0026 -- Re-deploy Company Level Unit	
Prepare Unit To Move	63-2-4002
Conduct Tactical Road March	63-2-4003
Employ Operations Security Measures	63-2-4016
Maintain Communications	63-2-4017
Combat Battlefield Stress	63-2-4303
Employ Physical Security Measures	63-2-4306
Perform Field Sanitation Functions	63-2-4315
Perform Risk Management Procedures	63-2-4326
Prepare Unit for Non-Tactical Move	63-2-4807
Conduct Non-Tactical Road March	63-2-4808
Perform Re-deployment Personnel and Administrative Actions	63-2-4814
Perform Re-deployment Training Activities	63-2-4815
Perform Re-deployment Supply Activities	63-2-4816
Perform Re-deployment Maintenance Activities	63-2-4817
Prepare Vehicles and Equipment for Re-deployment	63-2-4818
Perform Sea Port of Embarkation Activities for Re-deployment	63-2-4819
Perform Aerial Port of Embarkation Activities for Re-deployment	63-2-4820
Perform Aerial Port of Debarkation Activities for Re-deployment	63-2-4821
Perform Home Station Activities	63-2-4822
Perform Sea Port of Debarkation Activities for Re-deployment	63-2-4823
Perform Demobilization Station Activities	63-2-4824
Plan Unit Re-deployment	63-2-4829

Figure 3-1. Mission Outline (continued)

Chapter 4

Training Exercise

4-1. General. Training exercises are used to train personnel in the performance of collective tasks. This MTP has two types of exercises: a Field Training Exercise (FTX) and Situational Training Exercises (STXs). These exercises are designed to assist unit leaders in developing, sustaining, and evaluating the unit's mission proficiency. This MTP has one FTX and six STXs (see Table 4-1).

Table 4-1. List of Exercises

Mission Number	Title
FTX	Provide Bulk Purified Water Support
63-2-E0020	Deploy Company Level Unit
63-2-E0021	Relocate Company Level Unit
63-2-E0022	Establish Company Level Unit
10-2-1002	Conduct Water Supply And Distribution Operations
63-2-E0025	Defend Assigned Area
63-2-E0026	Re-deploy Company Level Unit

4-2. Field Training Exercise. The FTX is designed to provide a training method for the unit to train its personnel to perform its overall critical wartime mission. This FTX provides a logical sequence for the performance of tasks previously trained in the STXs.

4-3. Situational Training Exercise. The STX is a short, scenario-driven, mission-oriented tactical exercise used to train a group of closely related and collective tasks. The unit commander may modify the STX based on local METT-TC and available personnel and equipment. The STX provides the information for training personnel to perform the missions that make up the overall critical wartime mission. The STX performs the following functions:

a. Provides repetitive training on the missions.

b. Allows the unit commander to focus training on identified weaknesses.

c. Allows the company to practice each supporting mission before the critical wartime mission.

d. Saves time by providing a majority of information needed to develop a method for training.

4-4. Safety. During any training exercise, soldiers and leaders must be safety conscious. Evaluators and trainers have the responsibility to ensure all training is conducted within established safety constraints. Prior to each exercise, all personnel will be briefed on specific safety measures to be taken during execution. See Chapter 1 paragraph 1-8 for specific safety concerns and details on risk management.

4-5. Visualization.

a. Battle command is the art of battle decision making and leading. It includes controlling operations and motivating soldiers and their organizations into action to accomplish missions. Armed with the knowledge of the current state and the desired end state, commanders visualize those actions necessary to achieve the desired future state and then translate that visualization into actions. Battle command includes the following:

- Assigning missions.
- Prioritizing and allocating resources.

- Selecting the critical time and place to act.
- Knowing how and when to make adjustments during the fight.

b. Battlefield visualization is the mental process that supports the commander's decision-making process and his ability to anticipate support requirements. Using a vision of proposed support of combat operations allows the commander to know when, and if a decision should be made. It is a continuous process that commences with the receipt of a warning order and continues through the end of an operation.

Field Training Exercise

Provide Bulk Purified Water Support

1. Objective. This FTX is designed to train the Quartermaster Detachment (Water Purification) (GS) and the Quartermaster Water Purification Team (12,000 GPH) Petroleum Pipeline and Terminal Operating Company their critical wartime mission: Provide Bulk Purified Water Support. The detachment and team must become proficient in deploying to a new theater of operations; relocating to a new operating site; and establishing command and control, administrative, internal logistics, and mission areas of operation. Both units must also be proficient in defending assigned areas and re-deploying to home station. This FTX is used for internal and external evaluation of the detachment and the team.

2. Interface.

a. This FTX supports the Quartermaster Battalion (Water Supply) FTX – Provide Potable Water to Assigned Area.

b. Training the following company STXs supports this FTX:

(1) STX 63-2-E0020 Deploy Company Level Unit

(2) STX 63-2-E0021 Relocate Company Level Unit

(3) STX 63-2-E0022 Establish Company Level Area

(4) STX 10-2-1002 Conduct Water Supply and Distribution Operations.

(5) STX 63-2-E0025 Defend Assigned Area.

(6) STX 63-2-E0026 Re-deploy Company Level Unit

3. Training Enhancers

a. The training matrices in Chapter 2 show the collective tasks that must be mastered in order to perform the company missions. Training should emphasize the unique aspects of the unit's mission. Training in the following areas will improve the company's ability to perform its assigned missions:

(1) Planning, controlling and coordinating bulk purified water support operations. This training may be conducted in garrison and the local training area (LTA) by the following methods:

(a) Classroom activities.

(b) Map exercise (MAPEX) combined with a sand table exercise.

(c) Training exercise without troops (TEWT).

(d) Communications Exercise (COMEX)/Situational Awareness Exercise. The purpose of these exercises is to practice battle command information procedures and operations, and logistics support operations using Movement Tracking Systems (MTS), digital and analog communications, and Logistics Standard Army Management Information Systems (STAMIS). The unit should practice continuity of operations plan (COOP) techniques and procedures in order to develop manual procedures for use in the event of automation failure or disruption due to enemy action.

b. Establish an aggressive spirit in leaders and units to further enhance training. Following activities can foster an aggressive spirit:

(1) Aggressive unit sports and physical fitness program.

(2) Leader or individual confidence courses.

(3) Appropriate training films that have a positive, aggressive effect on the soldiers.

(4) Awareness of unit heritage.

c. Develop cohesiveness and trust between the detachment and team, the Battalion, and habitually supported elements to strengthen unit training.

d. This exercise begins with the receipt of a warning order and ends after restoration of the company to home station. AARs are conducted as shown in Table 4-2, which describes a suggested scenario.

Table 4-2. FTX – Provide Bulk Purified Water Support

1.	Receive and verify warning order		20 min
2.	Initiate Recall Plan		30 min
3.	Perform administrative and Soldier Readiness Processing (SRP) activities	3 hrs	
4.	Inspect unit vehicles and equipment	2 hrs	
5.	Load vehicles and equipment	3 hrs	
6.	After Action Review (AAR)	1 hr	
7.	Receive movement order		30 min
8.	Conduct Non-Tactical road march	1 hr	
9.	Arrive at aerial port of embarkation (APOE)/seaport of embarkation (SPOE)		10 min
10.	Perform embarkation activities	2 hrs	
11.	Arrive aerial port of debarkation (APOD)/sea port of debarkation (SPOD)		30 min
12.	Perform debarkation activities	2 hrs	
13.	Perform staging and marshaling activities	2 hrs	
14.	AAR	1 hr	
15.	Receive movement order		30 min
16.	Organize advance/quartering party		10 min
17.	Brief advance/quartering party		15 min
18.	Dispatch advance/quartering party		15 min
19.	Conduct advance/quartering party operation	4 hrs	
20.	AAR	1 hr	
21.	Conduct convoy operations to relocate to a new area	3 hrs	
22.	*Cross start point (SP)		10 min
23.	*Conduct road march		45 min
24.	*Cross contaminated area		45 min
25.	*Threat interdictions		40 min
26.	Continue convoy		45 min
27.	Cross release point (RP)		10 min
28.	AAR		30 min
29.	Establish unit and headquarters area of operations, set up water elements	17 hrs	
30.	*Organize unit defense	2 hrs	
31.	Set up unit headquarters and bivouac area	5 hrs	
32.	*Perform personnel and administrative support	2 hrs	
33.	*Perform field sanitation activities	2 hrs	
34.	*Perform internal supply activities	1 hr	
35.	*Perform unit level maintenance activities	2 hrs	
36.	AAR	1 hr	
37.	Purify, issue, and distribute water	5 hrs	
38.	* Receive re-supply by airdrop	2 hrs	
39.	* Receive re-supply by sling load	2 hrs	
40.	AAR	1 hr	
41.	Defend unit area	14 hrs	
42.	*Receive alert message		10 min
43.	*Occupy fighting positions		15 min

Table 4-2. FTX – Provide Bulk Purified Water Support (continued)

44.	*Increase perimeter manning		20 min
45.	*Assemble reaction forces		30 min
46.	*Respond to nuclear, biological, and chemical (NBC) attack		30 min
47.	*Perform Decontamination and monitoring operations	2 hrs	
48.	*React to Level I threat		30 min
49.	*Detect threat		15 min
50.	*Engage threat		30 min
51.	*Request indirect fire or close air support (CAS)		15 min
52.	*Disengage threat		30 min
53.	Conduct hasty displacement	1 hr	
54.	Hand over battle to Tactical Combat Force (TCF)/Military Police (MP)		30 min
55.	Reorganize unit	1 hr	
56.	Conduct area damage control (ADC)	2 hrs	
57.	Treat wounded	1 hr	
58.	Evacuate wounded	1 hr	
59.	Perform unit mortuary affairs operations	2 hrs	
60.	AAR	1 hr	
61.	Receive warning order for re-deployment		30 min
62.	Perform administrative and soldier readiness processing (SRP) activities	1 hr	
63.	Inspect vehicles and equipment	2 hrs	
64.	Load vehicles and equipment	3 hrs	
65.	AAR	1 hr	
66.	Receive movement order		30 min
67.	Conduct Non-Tactical road march	1 hr	
68.	Arrive APOE/SPOE		10 min
69.	Perform staging activities	1 hr	
70.	Perform embarkation activities	1 hr	
71.	AAR	1 hr	
72.	Arrive APOD/SPOD		30 min
73.	Perform debarkation activities	1 hr	
74.	Perform staging activities		30 min
75.	Receive movement order		30 min
76.	Conduct tactical road march	1 hr	
77.	Arrive home station	30 min	
78.	Conduct home station activities	2 hrs	
79.	Final AAR	2 hrs	

Total Time 110 hrs 20 min

NOTE 1: Events will be performed to standard, not time limitations. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

e. This exercise may be conducted under varying options.

(1) Conditional options in support of:

(a) Offensive operations.

(b) Defensive operations.

(c) Retrograde operations.

(d) Day or night operations.

(e) Support and stability operations.

(2) Operational options:

(a) Conduct self-defense operations (relocate, establish areas of operation, and defend assigned area).

(b) Conduct water supply and distribution operations.

(c) Conduct force projection operations (deploy/re-deploy equipment and personnel).

4. General Situation

a. The Quartermaster Water Purification Detachment (GS) and Water Purification Team (12,000 GPH) are organized as part of the Quartermaster Battalion (Water Supply). The detachment commander and the team NCOIC are charged with deploying, relocating, and establishing these units in a new area of operation; conducting water supply and distribution operations; defending assigned areas; and re-deploying to home station.

b. The division has been alerted for deployment to a potentially hostile country. The detachment and team must deploy to provide direct support to divisional units operating in the division rear. Detachment and team personnel will deploy by air and equipment will deploy by sea and air. The opposing force (OPFOR) is capable of inflicting Levels I, II, and III attacks and employing weapons of mass destruction at sea and aerial ports of debarkation, staging and marshaling areas, and along main supply routes. The detachment and team are prepared for OPFOR activity during reception, staging, onward movement and integration (RSO&I) operations; during establishment of the unit and mission areas of operation; and during supply support operations. Headquarters, Quartermaster Battalion (Water Supply) will provide guidance to the detachment and team when a Level II/III threat is anticipated. Upon notification of a Level II/III attack, the detachment and team will cease supply support operations and participate in defense of the unit area until battle hand over to military police units or a tactical combat force (TCF) is accomplished.

c. This exercise is conducted under all environmental conditions, both day and night. Both units will operate under threat of enemy assault by weapons of mass destruction, ground or air attack, indirect conventional fires, and electronic Warfare. Friendly forces may employ nuclear weaponry.

d. This exercise is also conducted under threat of Level I, II, or III attacks.

e. The units should be prepared to relocate at least every 24 hours.

f. The units should be prepared to move by echelons while continuing to provide supply support.

5. Special Situation. The commander has issued the following warning order:

> "The company has been designated for overseas deployment into a potentially hostile area. The detachment and team will deploy overseas with the Quartermaster Battalion (Water Supply) NLT ------ to vicinity ------, coordinates ------, and commence supply support operations in support of divisional units operating in the division rear. Begin your planning process for deploying both units, relocating the units to a new operating area, establishing a new area of operations, conducting water supply and distribution operations, and defending the assigned area. This exercise will begin with receipt of this warning order and ends upon notification from me."

6. Support Requirements.

a. Minimum Trainers/Evaluators. The commander, who will be the trainer and also the primary evaluator, will conduct this exercise. If possible, an evaluator should be with each platoon and section. At least one other evaluator is required with the OPFOR. Evaluators may be selected from Headquarters, Quartermaster Battalion (Water Supply), or other GS supply companies.

b. Vehicles/Communications. Analog and digital communications equipment is needed for controllers/evaluators and the primary trainer. Radios and/or digital means of communications are required for OPFOR vehicles during operations. Each controller/evaluator reports directly to the primary trainer.

c. Opposing Force. An OPFOR platoon (+) and one aircraft are required for the exercise for Level I/II threat activities. The OPFOR should be well trained in patrolling, assault, and guerrilla tactics. The OPFOR should have specific missions in the unit area.

d. Maneuver Area. Depending upon the LTA, a training area with minimum dimensions of 1.5 by 1.5 kilometers is desirable. A road network is required that allows a road march of at least 10 kilometers. Appropriate areas are required to support sling load and airdrop re-supply tasks.

e. Master Incident List (MIL). During the FTX, items should be continually fed into proper channels. Input from the Battalion staff and OPFOR cause responses from the unit. A major purpose of this FTX is to drive unit and subordinate elements to a simulated combat level of support requirements. The appropriate Battlefield Functional Area Control System (BFACS) should serve as the primary vehicle to distribute items from the MIL.

f. Using Units. In order to perform certain phases of this exercise, elements of the division support command (DISCOM) and other habitually supported units must participate.

g. Consolidated Support Requirements. Table 4-3 shows the support needed to successfully complete this FTX.

Table 4-3. Consolidated Support Requirements for this FTX, Provide Bulk Purified Water Support

AMMUNITION	QUANTITY
5.56 mm Squad Automatic Weapon (SAW) (Blank)	300 rds/wpn
5.56 mm SAW (Blank)	600 rds/wpn OPFOR
5.56 mm (Blank)	150 rds/wpn
5.56 mm (Blank)	300 rds/wpn OPFOR
40 mm (Blank)	120 rds/wpn
.50 Cal (Blank)	600 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
Claymore Mine (tng)	4-6 per unit
Simulators, hand grenades	10 per OPFOR
Anti-tank Weapon Effect Signature Simulation (ATWESS)	1 per Light Ant-tank/Anti-armor weapon (LAW) / M136 Light Anti-armor AT4
Claymore Mine (tng)	4-6 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment, to include authorized TOE and Common Table Allowance (CTA), is used. Rail and aircraft loads are simulations.

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Aircraft for airdrop	1 each
Helicopter for slingload	1 each
Fire Marker Control System	(when available)

NOTE: The consolidated support requirements outlined in this FTX are intended as suggestions only. However, local policies or constraints may not allow for providing the items.

7. T&EO Sequence. Table 4-4 lists the T&EOs for this FTX.

Table 4-4. T&EOs from Chapter 5 to Use for Evaluating this FTX, Provide Bulk Purified Water Support

Task	Task Number
Plan Unit Move	63-2-4001
Prepare Unit to Move	63-2-4002
Conduct Tactical Road March	63-2-4003
Cross a Radiologically Contaminated Area	63-2-4005
Defend Convoy Elements	63-2-4006
Plan Occupation of New Area of Operations	63-2-4007
Perform Advance/Quartering Party Activities	63-2-4008
Occupy New Operating Site	63-2-4009
Plan Unit Defense	63-2-4010
Set Up Unit Defense	63-2-4011
Prepare Unit for Nuclear, Biological, and Chemical Conditions	63-2-4013
Provide Personnel and Administrative Support	63-2-4015
Employ Operations Security Measures	63-2-4016
Maintain Communications	63-2-4017
Perform Operational Decontamination	63-2-4018
Perform Thorough Decontamination	63-2-4019
Respond to the Initial Effects of a Nuclear Attack	63-2-4020
Defend Against a Level I Attack	63-2-4021
Prepare Unit for Level II/III Threat	63-2-4022
Conduct Hasty Displacement	63-2-4023
Defend Unit Area	63-2-4024
Perform Withdrawal Under Fire	63-2-4025
Reorganize Unit Defense	63-2-4026
Execute Battle Hand Over	63-2-4027
Perform Area Damage Control Functions	63-2-4028
Establish Communications	63-2-4040
Provide Food Service Support	63-2-4056
Prepare Unit for a Chemical Attack	63-2-4202
Perform Radiological Decontamination	63-2-4207
Cross a Chemically Contaminated Area	63-2-4226
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308
Perform Field Sanitation Functions	63-2-4315

Table 4-4. T&EOs from Chapter 5 to Use for Evaluating this FTX, Provide Bulk Purified Water Support (continued)

Task	Task Number
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Prepare for a Friendly Nuclear Strike	63-2-4327
Respond to the Residual Effects of a Nuclear Attack	63-2-4328
Respond to a Chemical Attack	63-2-4334
Perform Unit Mortuary Affairs Operations	10-2-4513
Receive Re-supply by Airdrop	63-2-4514
Provide Unit Supply Support	63-2-4515
Receive External Sling Load Re-supply	63-2-4516
Treat Casualties	08-2-0003.63-0001
Set Up Unit Headquarters and Bivouac Areas	63-2-4518
Destroy Supplies and Equipment	63-2-4522
Perform Unit Level Maintenance	63-2-4552
Set Up Water Elements	10-2-0215
Conduct Water Quality Analysis Program	10-2-0213
Produce Potable Water	10-2-0217
Perform Deployment Alert Activities	63-2-4801
Perform Personnel and Administrative Pre-deployment Activities	63-2-4802
Perform Pre-deployment Training Activities	63-2-4803
Perform Pre-deployment Supply Activities	63-2-4804
Perform Pre-deployment Maintenance Activities	63-2-4805
Prepare Vehicles and Equipment for Deployment	63-2-4806
Prepare Unit for Non-Tactical Move	63-2-4807
Conduct Non-Tactical Road March	63-2-4808
Perform Sea Port of Embarkation Activities for Deployment	63-2-4809
Perform Aerial Port of Embarkation Activities for Deployment	63-2-4810
Perform Aerial Port of Debarkation Activities for Deployment	63-2-4811
Perform Sea Port of Debarkation Activities for Deployment	63-2-4812
Prepare Equipment Reception Team for Tactical Road March	63-2-4813
Perform Re-deployment Personnel and Administrative Actions	63-2-4814
Perform Re-deployment Training Activities	63-2-4815
Perform Re-deployment Supply Activities	63-2-4816
Perform Re-deployment Maintenance Activities	63-2-4817
Perform Vehicles and Equipment for Re-deployment	63-2-4818
Perform Sea Port of Embarkation Activities for Re-deployment	63-2-4819
Perform Aerial Port of Embarkation Activities for Re-deployment	63-2-4820
Perform Aerial Port of Debarkation Activities for Re-deployment	63-2-4821
Perform Home Station Activities	63-2-4822
Perform Sea Port of Debarkation Activities for Re-deployment	63-2-4823
Perform Demobilization Station Activities	63-2-4824
Conduct Integration Activities	63-2-4825
Conduct Staging Activities	63-2-4826
Plan Unit Mobilization In a Peacetime Environment	63-2-4827
Plan Unit Deployment Activities Upon Receipt of a Warning Order	63-2-4828
Plan Unit Re-deployment	63-2-4829

Situational Training Exercise (STX 63-2-E0020)

Deploy Company Level Unit

1. Objective. This STX trains the detachment and team in deployment to a new theater of operations. This STX also provides the detachment commander, team NCOIC, and key leaders with practice in planning, controlling, and coordinating deployment activities of the units. The units must become proficient in planning, preparing, and executing deployment operations.

2. Interface.

a. This STX supports the detachment and team FTX – Provide Bulk Purified Water Support.

b. This STX supports the battalion STX -- Supervise Battalion Level Deployment.

3. Training

a. Leader Training.

(1) This STX can be used to plan and implement deployment (land, sea, or air) of the company as a part of an FTX.

(2) During classroom activities, the use of the Tactical Standing Operating Procedures (TSOP); the responsibilities and procedures outlined in FMs 55-9, 55-10, 55-65, 63-2-2, 63-21-1, and 100-17; and ARs 700-84 and 750-1 should be discussed. The T&EOs listed in this STX should also be reviewed.

(3) The senior trainer should use a map of the area where the STX is to be conducted and a sand table model to match the actual terrain, if possible. Sand tables allow detailed terrain analysis and aid situational awareness.

(4) Command Post Exercises (CPX), Command Field Exercises (CFX), and TEWTs provide ground training for leaders. STXs support such exercises.

(5) Simulations and games teach leaders as part of a continuing officer and NCO development program.

(6) Tips for leader training.

(a) Leaders should familiarize themselves with the procedures for planning and executing deployment operations. Leaders should also familiarize themselves with the installation SOP for supporting unit deployments.

(b) Leaders should conduct a personal reconnaissance of the training area where deployment activities will take place.

(c) Leaders should review the detachment and team, battalion and higher echelon deployment SOPs.

b. Tips for Training.

(1) After the unit demonstrates proficiency for the tasks in Table 4-5, this STX can be trained under varying options.

(a) Inclement weather.

(b) Various unit category levels.

(c) Different modes of transportation.

(d) With or without OPFOR interdiction.

(e) With or without NBC conditions.

(f) Day or night.

(g) Movement over single or multiple routes.

(2) The units must become proficient in the basics of planning and executing deployment before attempting complex options.

(3) After proficiency in this STX is reached, the units sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers.

a. The detachment commander and team NCOIC, in coordination with Headquarters, Quartermaster Battalion (Water Supply), secures deployment guidance, obtains pertinent SOPs, and reviews deployment out-load planning.

b. The Unit Movement Officer (UMO) updates detachment and team deployment plans in coordination with detachment and team leaders, HQ, and installation support elements.

c. The battalion S2/S3 provides the detachment and team with the deployment sequence.

d. Unless otherwise approved by the senior observer controller (OC), all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

e. This exercise begins with the receipt of a deployment warning order and ends when the detachment and team are established in the new theater of operations. AARs are conducted as shown in Table 4-5. This table includes a suggested scenario.

Table 4-5. STX 63-2-E0020, Deploy Company Level Unit

SEQUENCE	EVENT	ESTIMATED TIME	
1.	Receive/verify warning order		20 min
2.	Initiate Recall Plan		30 min
3.	Perform administrative and personnel activities	3 hrs	
4.	*Undergo Soldier Readiness Program processing (SRP)	2 hrs	
5.	*Establish local security		20 min
6.	Brief key personnel		30 min
7.	*Update movement, deployment, and marshaling area plans	2 hrs	
8.	AAR	1 hr	
9.	Assemble deployment teams		30 min
10.	Identify installation deployment support element		20 min
11.	Inspect vehicles and unit equipment	1 hr	30 min
12.	*Conduct showdown inspections	1 hr	30 min
13.	Prepare vehicles and equipment	4 hrs	
14.	*Load vehicles and equipment	3 hrs	
15.	AAR	1 hr	
16.	Receive movement order		30 min
17.	Conduct Non-Tactical road march	1 hr	
18.	Arrive at APOE/SPOE		10 min
19.	Perform embarkation activities	2 hrs	
20.	AAR	1 hr	
22.	Arrive at APOD/SPOD		30 min
23.	Perform debarkation activities	2 hrs	
24.	Perform staging and marshalling area activities	2 hrs	
25.	AAR	1 hr	
26.	Receive movement order		30 min
27.	Perform advance/quartering party activities	4 hrs	
28.	Conduct tactical road march	1 hr	
29.	Defend convoy element		30 min
30.	Continue convoy		45 min
31.	Cross release point (RP)		10 min
32.	AAR	1 hr	
33.	Perform set up activities	3 hrs	
34.	Final AAR	2 hrs	

Total Time: 44 hrs 35 min

NOTE 1: Events will be performed to standard, not time limitations. The actual time required to train an event may vary significantly, based on METT-TC factors, required PMCS on equipment, and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

5. General Situation

a. The detachment and team are currently located at home station. These units are under the command and control of Headquarters, Quartermaster Battalion (Water Supply).

b. Platoon and section leaders provide personnel and equipment status reports.

c. The installation provides required deployment support.

d. APODs, SPODs, and the OCONUS location are identified.

6. FRAGO. The commander issues the following FRAGO:

"We have been alerted to deploy the detachment and team to an OCONUS location to support divisional units operating in the division support area. The new OCONUS location is ---------, vicinity ---------- (grid coordinates). Execute our deployment plan. Be prepared to deploy within ------ hours. Provide back-brief within ----- hours."

7. Support Requirements

a. Minimum Trainer and Observer Controller (OCs) Requirements. This exercise should be conducted with the detachment commander and team NCOIC as the trainers and primary OCs. If possible, an evaluator should be with each platoon. One evaluator is also needed for the company headquarters section.

b. Opposing Force:

(1) The OPFOR is not required for this situational training exercise, but may be used to attack the convoy.

(2) The OPFOR should have specific missions and be controlled whenever used.

(3) MILES can be used or the OCs can assess damage to facilities, equipment, and personnel casualties.

c. Vehicles and Communications. Vehicles and digital and analog communications equipment organic to the units are used. When OPFOR is employed, vehicles with digital and analog communications are needed for the OCs. Digital and analog means of communications are required for OPFOR vehicles during operations. Each controller/evaluator reports to the primary evaluator.

d. Maneuver Area. Depending upon the LTA, it is desirable to have an adequate training area for setting up operations, which is 1.5 by 1.5 kilometers. A road network is required that allows a road march of at least 10 kilometers.

e. Master Incident List (MIL). During the STX, the MIL is essential to provide input to drive detachment and team actions. Input MIL using MTS, analog and digital communication systems.

f. Consolidated Support Requirements. Table 4-6 shows the suggested support requirements for this STX.

Table 4-6. Consolidated Support Requirements for STX 63-2-E0020, Deploy Company Level Unit

AMMUNITION	QUANTITY
5.56 mm SAW (Blank)	60 rds/wpn
5.56 mm SAW (Blank)	120 rds/wpn OPFOR
5.56 mm (Blank)	30 rds/wpn
5.56 mm (Blank)	60 rds/wpn OPFOR
40 mm (Blank)	20 rds/wpn
.50 Cal (Blank)	100 rds/wpn
9 mm (Blank)	10 rds/wpn
Blank adapter	1 per wpn
MILES	1 set per wpn
ATWESS	1 per LAW / AT4

FUEL
Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).

NBC EQUIPMENT
TOE equipment is used.

EQUIPMENT
All organic equipment, to include authorized TOE and CTA, is used. Rail and aircraft loads are simulations.

OTHER

Meals	3 per person per day IAW ration cycle.

NOTE: The consolidated support requirements outlined in this STX are intended as suggestions only. The actual firing of blank ammunition is not necessary to train this STX. However, local policies or constraints may not allow for providing the items in the suggested amount.

8. T&EO Sequence. Table 4-7 lists the T&EOs for this STX.

Table 4-7 T&EOs from Chapter 5 to Use in Evaluating STX 63-2-E0020, Deploy Company Level Unit

Task	Task Number
Employ Operations Security Measures	63-2-4016
Combat Battlefield Stress	63-2-4303
Perform Risk Management Procedures	63-2-4326
Perform Deployment Alert Activities	63-2-4801
Perform Personnel and Administrative Pre-deployment Activities	63-2-4802
Perform Pre-deployment Training Activities	63-2-4803
Perform Pre-deployment Supply Activities	63-2-4804
Perform Pre-deployment Maintenance Activities	63-2-4805
Prepare Vehicles and Equipment for Deployment	63-2-4806
Prepare Unit For Non-Tactical Move	63-2-4807
Conduct Non-Tactical Road March	63-2-4808
Perform Sea Port of Embarkation Activities for Deployment	63-2-4809
Perform Aerial Port of Embarkation Activities for Deployment	63-2-4810
Perform Aerial Port of Debarkation Activities for Deployment	63-2-4811
Perform Sea Port of Debarkation Activities for Deployment	63-2-4812
Prepare Equipment Reception Team for Tactical Road March	63-2-4813
Conduct Integration Activities	63-2-4825
Conduct Staging Activities	63-2-4826
Plan Unit Mobilization in A Peacetime Environment	63-2-4827
Plan Unit Deployment Activities Upon Receipt of a Warning Order	63-2-4828

Situational Training Exercise (STX 63-2-E0021)

Relocate Company Level Unit

1. Objective. This STX trains the detachment and team in planning, coordinating, and relocating to a new operating site. This STX provides the detachment commander, team NCOIC, and other key leaders practice in selecting routes; ground convoy planning and execution; advance/quartering party planning; coordinating required external and internal support for the move; and controlling movement. The units must become proficient in planning, preparing, and relocating to a new operating site while simultaneously supporting divisional units.

2. Interface.

a. This STX supports the unit FTX – Provide Bulk Purified Water Support.

b. This STX supports the battalion STX -- Supervise Battalion Level Relocation.

3. Training

a. Leader Training.

(1) This STX can be used to plan and implement movement of the units as part of a CPX or FTX.

(2) During classroom activities, the use of the TSOP and responsibilities and procedures outlined in FMs 55-30, 63-21-1, and 63-2-2 should be discussed. The T&EOs listed in this STX should also be reviewed.

(3) CPX, CFX, and TEWTs provide ground training for leaders. STXs support such exercises.

(4) Situational awareness should be maintained throughout actual convoy movement using digital and analog communications and the real time on the move capability of movement tracking systems.

(5) Tips for leader training.

(a) Leaders should familiarize themselves with the procedures for planning and executing movement.

(b) The detachment and team TSOP(s) should be reviewed.

(c) A personal reconnaissance should be conducted, if possible, of the training area where movement and establishment of the new operating site will be performed.

b. Tips for Training.

(1) After the units demonstrate proficiency for the tasks in Table 4-8, this STX can be trained under varying options.

(a) Elements moving over single or multiple routes.

(b) With or without OPFOR interdictions.

(c) With or without NBC conditions.

(d) Day or night.

(e) Single or multiple lift moves.

(2) The detachment and team must become proficient in the basics of planning and conducting the movement and relocation of these units, while continuing to support the divisional units before attempting more complex options.

(3) After proficiency in this STX is reached, the detachment and team sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers

a. The detachment commander and team NCOIC determine movement priorities based on the Battalion Commander's guidance, type of operations, or his judgment. The enemy situation will affect security requirements.

b. The units plan the move and determines the command post location in conjunction with Headquarters, Quartermaster Battalion (Water Supply).

c. Unless otherwise approved by the chief OC, all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

d. The units should be able to relocate at least once every 24 hours.

e. This exercise begins with receipt of a warning order and ends after briefing the detachment commander and team NCOIC. AARs are conducted as shown in Table 4-8. The table includes a suggested scenario.

5. General Situation

a. The detachment and team are deployed in a combat zone. Their mission is to provide bulk purified water support, as directed by the Quartermaster Battalion Commander.

b. Pertinent maps and engineer overlays are available.

c. The advance party will perform route reconnaissance.

d. The OPFOR is capable of launching air or ground attacks, employing NBC agents, and engaging in Electronic Warfare (EW).

e. Major deviation(s) from the displacement plan may occur.

f. This exercise is conducted in all environmental conditions.

Table 4-8. STX 63-2-E0021, Relocate Company Level Unit

SEQUENCE	EVENT	ESTIMATED TIME	
1.	Receive warning order		15 min
2.	Issue FRAGO		10 min
3.	Prepare to move		50 min
4.	*Dispatch advance/quartering party		20 min
5.	Dismantle area	2 hrs	
6.	Organize march unit(s)		30 min
7.	AAR		30 min
8.	Cross SP		10 min
9.	Conduct road march	1 hr	
10.	Cross contaminated area		45 min
11.	Perform hasty Decontamination	1 hr	
12.	AAR	1 hr	
13.	Continue road march		15 min
14.	Respond to air attack		30 min
15.	Respond to OPFOR ambush	1 hr	
16.	AAR	1 hr	
17.	Continue road march		15 min
18.	Perform thorough Decontamination	2 hrs	
19.	Cross RP		10 min
20.	Verify closing reports	1 hr	
21.	Brief commander		30 min
22.	Final AAR	1 hr	

Total Time: 16 hrs 10 min

NOTE 1: Events will be performed to standard, not time limitations. The actual time required to train an event will vary significantly based on METT-TC factors, the equipment/systems to be dismantled, and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

6. FRAGO. The commander issues the following FRAGO:

"We will convoy to our new area of operations. The enemy has the capability to interdict our movement along the entire main supply route. Maintain march discipline and proper distance between vehicles and serials. Be prepared for immediate action drills in case of ambush. Platoon Leaders will maintain communication with detachment and team headquarters using digital and analog communications. They will report to me enemy activity or any other activity that impedes the progress of the detachment and team. All serials report in as you reach each designated checkpoint. Go to MOPP2. Battalion S2/S3 states there is a contaminated area on the current route of march vicinity ----. Our convoy will be rerouted at checkpoint ---- to the alternate MSR. All serials will report upon closure at the new operating site."

7. Support Requirements

a. Minimum Trainer/OCs. This exercise should be conducted with the detachment commander and team NCOIC as the trainers and primary OCs. If possible, there should be an evaluator with each platoon.

b. Opposing Force:

(1) OPFOR may or may not be required when the exercise is conducted as part of a CPX. OPFOR should be used if the exercise is part of an FTX.

(2) OPFOR should have specific missions and be controlled when used.

(3) MILES can be used, or the OC can assess damage to the units.

c. Vehicles and Communications. Vehicles and digital and analog communications equipment organic to the units are used. When OPFOR is employed, vehicles with digital and analog communications are needed for the OCs. Digital and analog means of communications are required for OPFOR vehicles during operations. Each controller/evaluator reports directly to the primary evaluator.

d. Maneuver Area. A training area of sufficient size, approximately 1.5 kilometers by 1.5 kilometers is needed to support the number of vehicles and equipment in the units. A road network is required that allows a road march of at least 20 kilometers. Vegetation and terrain should allow cover and concealment for facilities, vehicles, and equipment.

e. Master Incident List (MIL). During the STX, the MIL is essential to provide input to drive unit actions. Input MIL using analog and digital communications.

f. Consolidated Support Requirements. Table 4-9 shows the suggested support requirements for this STX.

Table 4-9. Consolidated Support Requirements for STX 63-2-E0021, Relocate Company Level Unit

AMMUNITION	QUANTITY
5.56 mm SAW (Blank)	300 rds/wpn
5.56 mm SAW (Blank)	600 rds/wpn OPFOR
5.56 mm (Blank)	150 rds/wpn
5.56 mm (Blank)	300 rds/wpn OPFOR
40 mm (Blank)	120 rds/wpn
.50 Cal (Blank)	600 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
ATWESS	1 per LAW / AT4
Claymore Mine (tng)	4-6 per unit
Simulators, hand grenades	10 per OPFOR
Claymore Mine (tng)	4-6 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile or hour times the projected operating mileage or hours.

Table 4-9. Consolidated Support Requirements for STX 63-2-E0021, Relocate Company Level Unit (continued)

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment to include TOE and CTA is authorized. Rail and aircraft loads are simulations.

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Fire Marker Control System	(When available)

NOTE: The consolidated support requirements outlined in this STX are intended as suggestions only. The actual firing of blank ammunition is desired but not necessary to train this STX. However, local policies or constraints may not allow for providing of these items in the suggested amount.

8. T&EO Sequence. Table 4-10 lists the T&EOs for this STX.

Table 4-10. T&EOs from Chapter 5 to Use in Evaluating STX 63-2-E0021, Relocate Company Level Unit

Task	Task Number
Plan Unit Move	63-2-4001
Prepare Unit to Move	63-2-4002
Conduct Tactical Road March	63-2-4003
Cross a Radiologically Contaminated Area	63-2-4005
Defend Convoy Elements	63-2-4006
Perform Advance/Quartering Party Activities	63-2-4008
Employ Operations Security Measures	63-2-4016
Perform Operational Decontamination	63-2-4018
Perform Thorough Decontamination	63-2-4019
Cross a Chemically Contaminated Area	63-2-4226
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Use Passive Air Defense Measures	63-2-4307
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Respond to a Chemical Attack	63-2-4334
Perform Unit Mortuary Affairs Operations	10-2-4513
Treat Casualties	08-2-0003.63.0001

Situational Training Exercise (STX 63-2-E0022)

Establish Company Level Area

1. Objective. This STX is designed to train the detachment and team in establishing its command post, platoon headquarters and sections, maintenance, and administrative and bivouac areas following a tactical move. It provides the detachment commander, team NCOIC, and key leaders practice in planning, coordinating, and supervising those activities required to achieve a trained and ready to support capability. Detachment and team personnel must become proficient in occupying and setting up new areas for command, communications and control functions, life support functions, water supply and distribution operations, and unit equipment maintenance. These units must become proficient in establishing its command and control systems, administrative and mission support areas of operations, and preparing defensive positions. This STX combines the elements of advance/quartering party functions, site occupation, NBC countermeasures, preparation and establishment of defensive positions, command and control, bivouac, and administrative areas.

2. Interface.

a. This STX supports the units FTX – Provide Bulk Purified Water Support.

b. This STX supports the Battalion STX -- Supervise Establishment of Battalion Area.

3. Training

a. Leader Training.

(1) This STX can be used to plan and execute detachment and team buildup(s) in a new location as part of a CPX or FTX.

(2) During classroom activities, the use of the TSOP; responsibilities and procedures outlined in FMs 63-2-2, 63-21-1; and the T&EOs listed in this STX should be reviewed.

(3) Leaders should use a map of the actual area where the STX is to be conducted and a sand table model to match the actual terrain, if possible.

(4) Tips for leader training.

(a) Leaders should familiarize themselves with the doctrinal procedures for advance/quartering party planning and coordination; preparing the occupation plan; planning area defense; directing the establishment of defense areas; planning Area Damage Control (ADC), directing establishment of administrative and bivouac areas, and directing NBC countermeasures. Leaders should also be familiar with the procedures for establishing the unit command and control system, as well as procedures for conducting water supply and distribution activities. Leaders should familiarize themselves with the functional procedures for establishing communications with higher and supported units.

(b) These units should review their TSOPs and the battalion TSOPs.

(c) A personal reconnaissance should be conducted, if possible, of the training area where movement and establishment will be performed.

b. Tips for Training.

(1) After the detachment and team demonstrate proficiency for the tasks in Table 4-11, this STX can be trained under varying options.

(a) With or without OPFOR interdictions.

(b) With or without NBC conditions.

(c) In a field or military operations urban terrain (MOUT) environment.

(2) These units must become proficient in the doctrine and tactics, techniques and procedures (TTP) for establishing situational awareness, setting up command and control facilities, and setting up bulk water supply support areas before attempting more complex options.

(3) After proficiency in this STX is reached, these units sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers

a. The detachment and team should have conducted a tactical road march. These units must be prepared at any time to defend against air, ground, or terrorist attacks during daylight or darkness, and to respond appropriately to enemy or friendly NBC operations.

b. The detachment and team establish the new operating site IAW the TSOP. When the site is operational, the battalion S2/S3 is notified that these units are prepared to perform their operational mission.

c. Unless otherwise approved by the chief OC, all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

d. This exercise begins when the detachment and team advance/quartering parties arrive at the new site and ends when their unit areas are established. AARs are conducted as shown in Table 4-11. This table includes a suggested scenario.

Table 4-11.
STX 63-2-E0022, Establish Company Level Area

SEQUENCE	EVENT	ESTIMATED TIME	
1.	Conduct quartering/advance party activities	2 hrs	
2.	Issue FRAGO		10 min
3.	*Set up defensive positions	1 hr	30 min
4.	Set up command post	1 hr	
5.	Establish unit operating and mission areas	4 hrs	
6.	*Set up administrative and bivouac areas	1 hr	
7.	AAR	1 hr	
	Total Time: 10 hrs 40 min		

NOTE 1: Events will be performed to standard, not time limitation. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

- Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

5. General Situation

a. The advance/quartering party has performed preliminary security and organization of the new site. The detachment and team elements follow. During the set up of operational areas, these units are prepared to defend at any time.

b. A site reconnaissance has been performed.

c. A tentative support area layout plan and defense plan is available.

d. Sufficient supplies and equipment are available.

e. NBC detection equipment is available.

f. This exercise is conducted in all environmental conditions.

g. The OPFOR has the potential to conduct ground, air, and NBC Warfare.

h. The exercise is conducted in a field site or MOUT environment.

6. FRAGO. The commander issues the following FRAGO:

"We will support divisional troops operating in the Division Support Area (DSA) from our new location for the next --- days. The enemy is capable of mounting attacks throughout the DSA and also of bringing indirect fire upon us. I want the Headquarters and mission support areas set up and operational immediately followed by administrative and bivouac areas. Get voice and digital communication in quickly with HQ, Quartermaster Battalion (Water Supply). Coordinate with battalion Support Operations as to the locations of all supported units. Platoon Leaders begin setting up in your respective areas. Use cover and concealment to mask our activities and strict enforcement of light and noise discipline. Get your LPs/Ops out. I will visit each of your areas and provide further guidance. Personnel will remain at MOPP2 based on enemy threat capabilities. We'll prepare and coordinate the defense plans for the new site. Provide a back brief in ----- hours. "

7. Support Requirements.

a. Minimum Trainer and OCs. This exercise should be conducted with the detachment commander and the team NCOIC as the trainers and primary OCs. If possible, there should be an evaluator with each platoon.

b. Opposing Force:

(1) The OPFOR should not be more than platoon size with crew-served weapons.

(2) OPFOR should be well trained in threat tactics, have specific missions and be controlled when used.

(3) The MILES can be used, or the OCs can assess damage to the units.

c. Vehicles and Communications. Vehicles and analog and digital communications equipment organic to the units are used. When OPFOR is employed, a vehicle with digital and analog communications is needed for the OCs.

d. Maneuver Area. Depending upon the LTA, an adequate training area of approximately 1.5 by 1.5 kilometers is desirable.

e. Master Incident List (MIL). During the STX, the MIL is essential to provide input to drive unit actions. Input MIL using available MTS, analog and digital communication systems.

f. Consolidated Support Requirements. Table 4-12 shows the suggested support requirements for this STX.

Table 4-12. Consolidated Support Requirements for STX 63-2-E0022, Establish Company Level Area

AMMUNITION	QUANTITY
5.56 mm SAW (Blank)	150 rds/wpn
5.56 mm SAW (Blank)	300 rds/wpn OPFOR
5.56 mm (Blank)	90 rds/wpn
5.56 mm (Blank)	180 rds/wpn OPFOR
40 mm (Blank)	60 rds/wpn
.50 Cal (Blank)	300 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
ATWESS	1 per LAW / AT4
Claymore Mine (tng)	4-6 per unit
Simulators, hand grenades	10 per OPFOR
Claymore Mine (tng)	4-6 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment, to include authorized TOE and CTA, is used. Rail and aircraft loads are simulations.

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Fire Marker Control System	(when available)

NOTE: The consolidated support requirements outlined in this STX are intended as suggestions only. The actual firing of blank ammunition is desired but not necessary to train this STX. However, local policies or constraints may not allow for providing the items.

8. T&EO Sequence. Table 4-13 lists the T&EOs for this STX.

Table 4-13. T&EOs from Chapter 5 to Use in Evaluating STX 63-2-E0022, Establish Company Level Area

Task	Task Number
Plan Occupation of New Area of Operations	63-2-4007
Perform Advance/Quartering Party Activities	63-2-4008
Occupy New Operating Site	63-2-4009
Set Up Water Elements	10-2-0215
Plan Unit Defense	63-2-4010
Set Up Unit Defense	63-2-4011
Prepare Unit for Nuclear, Biological, and Chemical Conditions	63-2-4013
Employ Operations Security Measures	63-2-4016
Establish Communications	63-2-4040
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Perform Unit Mortuary Affairs Operations	10-2-4513
Provide Unit Supply Support	63-2-4515
Treat Casualties	08-2-0003.63-0001
Set Up Unit Headquarters and Bivouac Areas	63-2-4518

Situational Training Exercise (STX 10-2-1002)

Conduct Water Supply and Distribution Operations

1. Objective. This STX is designed to train the detachment and team in conducting water supply and distribution operations support to divisional units operating in the division support area (DSA). This STX provides the detachment commander, team NCOIC, and key leaders with practice in planning, coordinating, and controlling the bulk water supply and distribution operations functions. The detachment and team must become proficient in conducting these mission essential activities.

2. Interface.

a. This STX supports the unit FTX – Provide Bulk Purified Water Support.

b. This STX supports the battalion STX – Direct Water Operations.

3. Training.

a. Leader Training.

(1) This STX can be used to train the unit as part of an FTX or CPX.

(2) During classroom activities, the use of the TSOP; responsibilities and procedures outlined in FMs 63-2-2, 63-21-1, 100-10; and the T&EOs listed in this STX should be reviewed. Training should include the following:

(a) Conducting water supply and distribution operations on a 24 hour basis.

(b) Performing unit level maintenance on all organic and battalion equipment (less C-E and utilities equipment).

(c) Maintaining situational awareness through automated information management systems.

(3) CPX, CFX, and TEWTs provide ground training for leaders when the STX location is used. Leaders should use a map of the specific area where the STX is to be conducted, and a sand table model to match the actual terrain, if possible.

(4) Games and simulations are developed to teach leaders as part of a continuing officer and NCO development program. They also are used to exercise command and control at various command and staff levels.

(5) Tips for leader training.

(a) Leaders should familiarize themselves with the doctrine and TTP for planning and executing the unit's operational mission.

(b) These units should review the DISCOM and battalion TSOPs.

(c) A personal reconnaissance should be conducted, if possible, of the training area where support areas will be established.

b. Tips for Training.

(1) After these units demonstrate proficiency for the tasks in Table 4-14, this STX can be trained under varying options.

(a) With or without OPFOR interdictions.

(b) With or without NBC conditions.

(c) In a field or MOUT environment.

(d) Day or night.

(2) The Unit Headquarters, Purification Detachment and the Water Purification Team must become proficient in the basics of establishing, organizing and/or maintaining: situational awareness, tactical command and control, water supply and distribution support operations, responses to Level I and NBC attacks, and ground and aerial re-supply.

(3) After proficiency in this STX is reached, these units sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers

a. The detachment and team may conduct a tactical road march as an introductory phase of this STX. These units must be prepared at any time to defend against air, ground, or terrorist attacks during daylight or darkness, and to respond appropriately to enemy or friendly NBC operations.

b. Unless otherwise approved by the chief OC, all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

c. This exercise begins when the detachment and team areas are established and supply support requests are received, and ends when these units come under a Level II/III attack. AARs are conducted as shown in Table 4-14. This table includes a suggested scenario.

Table 4-14. STX 10-2-1002, Conduct Water Supply and Distribution Operations

SEQUENCE	EVENT	ESTIMATED TIME	
1.	Commander issues guidance		20 min
2.	Establish local security		30 min
3.	Establish command post operations	1 hr	
4.	*Layout plan finalized		30 min
5.	Operational and administrative areas established	2 hrs	
6.	*Issue FRAGO		15 min
7.	AAR	1 hr	
8.	Conduct water supply and distribution operations	9 hrs	
9.	*Receive re-supply by airdrop	2 hrs	
10.	*Receive re-supply by slingload	2 hrs	
11.	*Respond to Level I threat	1 hr	
12.	Complete NBC preparations	1 hr	
13.	Improve unit defenses	1 hr	
14.	Maintain and improve communications		25 min
15.	Perform supply support (degraded)	2 hrs	
16.	Receive notification of Level II/III threat		15 min
17.	Final AAR	1 hr	

Total Time: 25 hrs 15 min

NOTE 1: Events will be performed to standard, not time limitation. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

5. General Situation

a. The detachment and team have established their operational areas and are prepared to conduct water supply and distribution operations.

b. Detachment and team headquarters will provide sustainment support to sub-elements.

c. Site reconnaissance has been performed.

d. Tentative layout plans, safety plans and defense plans are available.

e. Sufficient supplies and equipment are available.

f. Pertinent maps and overlays are available.

g. This exercise is conducted in all environmental conditions.

h. The OPFOR has the potential to conduct ground, air, and NBC Warfare.

i. The exercise is conducted in a field site or MOUT environment.

6. FRAGO. The commander issues the following FRAGO:

> "Battalion has shifted our priority of support. Be prepared to support 1st Division units located in the vicinity of _____ (grid coordinates). Prepare platoons and sections to conduct water supply and distribution operations within _____ (time limit). Further information will be disseminated after maneuver elements become engaged."

7. Support Requirements.

a. Minimum Trainer and OCs. This exercise should be conducted with the detachment commander and team NCOIC as the trainers and primary OCs. If possible, there should be an evaluator with each platoon and the headquarters section.

b. Opposing Force:

(1) The OPFOR may or may not be required when the exercise is conducted as part of a CPX. The OPFOR should be used if the exercise is part of a FTX.

(2) OPFOR should be well trained in threat tactics, have specific missions, and be controlled when used.

(3) The MILES can be used, or the OCs can assess damage to their units.

c. Vehicles and Communications. Vehicles and analog and digital communications equipment organic to the units are used. When OPFOR is employed, a vehicle and analog and digital communications are needed for the OCs.

d. Maneuver Area. Depending upon the LTA, it is desirable to have an adequate training area that is approximately 1.5 by 1.5 kilometers. Appropriate sites are required for sling-load and airdrop re-supply tasks.

e. Master Incident List. During the STX, MIL is essential to provide input to drive detachment and team actions. Input MIL using analog and digital communication.

f. Consolidated Support Requirements. Table 4-15 shows the suggested support requirements for this STX.

Table 4-15. Consolidated Support Requirements for STX 10-2-1002, Conduct Water Supply and Distribution Operations

AMMUNITION	QUANTITY
5.56 mm SAW (Blank)	300 rds/wpn
5.56 mm SAW (Blank)	600 rds/wpn OPFOR
5.56 mm (Blank)	150 rds/wpn
5.56 mm (Blank)	300 rds/wpn OPFOR
40 mm (Blank)	120 rds/wpn
.50 Cal (Blank)	600 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
ATWESS	1 per LAW / AT4
Claymore Mine (tng)	4-6 per unit
Claymore Mine (tng)	4-6 per OPFOR
Simulators, hand grenades	10 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile or hour times the projected operating mileage or hours.

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment including TOE and CTA is authorized. Rail and aircraft loads are simulations. Airdrop and slingload tasks require coordination for appropriate training sites, scales and 463L palletization systems.

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Aircraft for airdrop	1 each
Helicopter for sling-load	1 each
Fire Marker Control System	(when available)

NOTE: The consolidated support requirements outlined in this STX are intended as suggestions only. The actual firing of blank ammunition is desired but not necessary to train this STX. However, local policies or constraints may not allow for providing the items.

8. T&EO Sequence. Table 4-16 lists the T&EOs for this STX.

Table 4-16. T&EOs from Chapter 5 to Use in Evaluating STX 10-2-1002, Conduct Water Supply and Distribution Operations

Task	Task Number
Provide Personnel and Administrative Support	63-2-4015
Employ Operations Security Measures	63-2-4016
Maintain Communications	63-2-4017
Perform Operational Decontamination	63-2-4018
Perform Thorough Decontamination	63-2-4019
Respond to the Initial Effects of a Nuclear Attack	63-2-4020
Defend Against A Level I Attack	63-2-4021
Provide Food Service Support	63-2-4056
Prepare Unit for a Chemical Attack	63-2-4202
Perform Radiological Decontamination	63-2-4207
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Perform Field Sanitation Functions	63-2-4315
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Prepare for a Friendly Nuclear Strike	63-2-4327
Respond to the Residual Effects of a Nuclear Attack	63-2-4328
Respond to a Chemical Attack	63-2-4334
Perform Unit Mortuary Affairs Operations	10-2-4513
Receive Re-supply by Airdrop	63-2-4514
Provide Unit Supply Support	63-2-4515
Receive External Sling Load Re-supply	63-2-4516
Treat Casualties	08-2-0003.63-0001
Destroy Supplies and Equipment	63-2-4522
Perform Unit Level Maintenance	63-2-4552
Conduct Water Quality Analysis Program	10-2-0213
Produce Potable Water	10-2-0217
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308

Situational Training Exercise (STX 63-2-E0025)

Defend Assigned Area

1. Objective. This STX trains the detachment and team in planning and coordinating defense of their unit areas. This STX provides the detachment commander, team NCOIC, and key leaders practice in passive and active defensive measures, selection of defensive positions, coordinating defensive fires, area damage control procedures, first aid procedures and providing supply support in a hostile environment. These units must become proficient in defending its areas of operation.

2. Interface.

a. This STX supports the unit FTX – Provide Bulk Purified Water Support.

b. This STX supports the battalion STX -- Supervise Battalion Level Force Protection.

3. Training

a. Leader Training.

(1) This STX can be used to plan and implement defensive operations as a part of a CPX or FTX.

(2) Classroom activities will cover FMs 63-2-2, 63-21-1; the detachment and team TSOPs; and the responsibilities and procedures outlined in the T&EOs in this STX. The trainer should emphasize the following areas:

(a) Implementation of the defensive plan.

(b) Proper use of weapons.

(c) Maneuver and fires.

(d) Indirect fire and close air support (CAS) calling procedures.

(e) Withdrawal.

(f) NBC defense procedures.

(g) Hasty displacement procedures.

(h) ADC procedures.

(3) CPX, CFX, and TEWTs provide ground training for leaders when the exact area for the STX is used.

(4) Tips for leader training.

(a) Leaders should familiarize themselves with the procedures for planning and executing unit defense.

(b) The detachment and team TSOP should be reviewed.

(c) A personal reconnaissance should be conducted of the training area, if possible.

b. Tips for Training.

(1) After these units demonstrate proficiency for the tasks in Table 4-17, this STX can be trained under varying options.

(a) In a field or MOUT environment.

(b) With, or without NBC conditions.

(c) Day or night.

(2) These units must become proficient in the basics of planning and conducting unit defense before attempting more complex options.

(3) After proficiency in this STX is reached, these units sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers

a. The detachment and team may conduct a tactical road march as an introductory phase of this STX. These units must be prepared at any time to defend against air, ground, or terrorist attacks during daylight or darkness, and be prepared to respond appropriately to enemy or friendly NBC operations.

b. Unless otherwise approved by the chief OC, all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

c. These units should be able to relocate at least once every 24 hours.

d. This exercise begins when the detachment and team receive notification of a Level II or III threat in the unit areas and ends after these units complete ADC operations. AARs are conducted as shown in Table 4-17. This table includes a suggested scenario.

Table 4-17. STX 63-2-E0025, Defend Assigned Area

SEQUENCE	EVENT	ESTIMATED TIME	
1.	Receive notification of Level II/III attack		10 min
2.	Implement Level II/III threat responses	1 hr	
3.	Upgrade defensive positions	1 hr	
4.	Respond to attack	1 hr	30 min
5.	AAR	1 hr	
6.	Reorganize Defenses		30 min
7.	Break contact		30 min
I8.	Handover the fight to military police units or a tactical combat force	1 hr	
9.	AAR	1 hr	
10.	Perform displacement		30 min
11.	Conduct ADC activities	1 hr	30 min
12.	Final AAR	1 hr	
	Total Time: 10 hrs 40 min		

NOTE 1: Events will be performed to standard, not time limitation. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

5. General Situation

a. The detachment and team have established its defensive positions as part of a base cluster and have received notification of a Level II/III attack. The OPFOR has infiltrated or air dropped a platoon size or larger force into the division support area. OPFOR will attempt to destroy bulk water supply and distribution facilities or disrupt operations. Key targets include command and control and support facilities within the DSA, as well as interdiction of the MSR.

b. The battalion TSOP and OPORD with rear operations annex and unit TSOP are available.

c. The detachment and team defenses have been established.

d. Rear operations digital and analog communications systems have been established.

e. This exercise is conducted under all environmental conditions.

f. The OPFOR has the potential to conduct ground, air, and NBC Warfare.

6. FRAGO. The commander issues the following FRAGO:

"Enemy ground forces are in the DSA. A Level I/II attack is imminent and the detachment and team are prime targets. Cease logistics support operations and prepare for threat engagement. Execute the detachment and team base defense plan immediately. Report all contact with enemy forces immediately. Further information will be disseminated as the threat develops. Provide a back brief in ---- hours."

7. Support Requirements.

a. Minimum Trainer/OCs. This exercise should be conducted with the detachment commander and team NCOIC as the trainers and primary OCs. A minimum of three OCs is required.

b. Opposing Force:

(1) The OPFOR should not be more than platoon (+) size with crew-served weapons. The OPFOR should have specific missions and be controlled when used.

(2) MILES can be used, or the OCs can assess damage to equipment and personnel casualties.

c. Vehicles and Communications. Vehicles and analog and digital communications equipment organic to the units are used. When OPFOR are employed, a vehicle and analog and digital communications are needed for the OCs.

d. Maneuver Area. A training area of sufficient size, approximately 1.5 kilometers by 1.5 kilometers is needed to support operations.

e. Master Incident List (MIL). During the STX, the MIL is essential to provide input to drive detachment and team actions. Input MIL using digital or analog communications.

f. Consolidated Support Requirements. Table 4-18 shows the suggested support requirements for this STX.

Table 4-18. Consolidated Support Requirement STX 63-2-E0025, Defend Assigned Area

AMMUNITION	QUANTITY
5.56 mm SAW (Blank)	300 rds/wpn
5.56 mm SAW (Blank)	600 rds/wpn OPFOR
5.56 mm (Blank)	150 rds/wpn
5.56 mm (Blank)	300 rds/wpn OPFOR
40 mm (Blank)	120 rds/wpn
.50 Cal (Blank)	600 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
ATWESS	1 per LAW / AT4
Claymore Mine (tng)	4-6 per unit
Simulators, hand grenades	10 per OPFOR
Claymore Mine (tng)	4-6 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment, to include authorized TOE and CTA, is used. Rail and aircraft loads are simulations.

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Fire Marker Control System	(when available)

NOTE: The consolidated support requirements outlined in this STX are intended as suggestions only. The actual firing of blank ammunition is desired but not necessary to train in this STX. However, local policies or constraints may not allow for providing the items.

8. T&EO Sequence. Table 4-19 lists the T&EOs for this STX.

Table 4-19. T&EOs from Chapter 5 to Use in Evaluating STX 63-2-E0025, Defend Assigned Area

Task	Task Number
Plan Unit Defense	63-2-4010
Employ Operational Security Measures	63-2-4016
Maintain Communications	63-2-4017
Prepare Unit for Level II/III Threat	63-2-4022
Conduct Hasty Displacement	63-2-4023
Defend Unit Area	63-2-4024
Perform Withdrawal Under Fire	63-2-4025
Reorganize Unit Defense	63-2-4026
Execute Battle Handover	63-2-4027
Perform Area Damage Control Functions	63-2-4028
Combat Battlefield Stress	63-2-4303
Process Enemy Prisoners of War	63-2-4304
Process Captured Documents and Equipment	63-2-4305
Employ Physical Security Measures	63-2-4306
Use Passive Air Defense Measures	63-2-4307
Take Active Air Defense Measures Against Hostile Aircraft	63-2-4308
Transport Casualties	63-2-4316
Perform Risk Management Procedures	63-2-4326
Perform Unit Mortuary Affairs Operations	10-2-4513
Treat Casualties	08-2-0003.63-0001
Destroy Supplies and Equipment	63-2-4522

Situational Training Exercise (STX 63-2-E0026)

Re-Deploy Company Level Unit

1. Objective. This STX trains the detachment and team in re-deployment from a theater of operations to home station or a mobilization site. This STX also provides the detachment commander, team NCOIC, and key leaders with practice in controlling and coordinating unit re-deployment activities. The detachment and team must become proficient in planning and preparing for re-deployment operations.

2. Interface.

a. This STX supports the unit FTX – Provide Bulk Purified Water Support.

b. This STX supports the battalion STX -- Supervise Battalion Level Re-deployment.

3. Training

a. Leader Training

(1) This STX can be used to plan and implement re-deployment (land, sea, or air) of the detachment and team as a part of an FTX.

(2) During classroom activities, the use of the TSOP; the responsibilities and procedures outlined in FMs 55-9, 55-10, 55-30, 55-65, the 100-17-series and DOD 4500.9-R Part III; and the procedures outlined in ARs 220-10, 700-84 and 750-1 should be discussed. The T&EOs listed in this STX should also be reviewed.

(3) The leader should use a map of the area where the STX is to be conducted and a sand table model to match the actual terrain, if possible.

(4) CPX, CFX, and TEWTs provide ground training for leaders when the area for the STX is used.

(5) Simulations and games teach leaders as part of a continuing officer and NCO development program.

(6) Tips for leader training.

(a) Leaders should familiarize themselves with the procedures for planning and executing re-deployment operations.

(b) Leaders should conduct a personal reconnaissance of the training area where re-deployment activities will take place.

(c) Leaders should review the detachment, team and battalion re-deployment SOPs and OPORD.

b. Tips for Training.

(1) After these units have demonstrated proficiency in the tasks in Table 4-20, this STX can be trained under various options.

(a) Inclement weather.

(b) Multiple re-deployment increments.

(c) Different modes of transportation.

(d) Day or night.

(2) These units must become proficient in the basics of planning, coordinating and executing re-deployment before attempting more complex options.

(3) After proficiency in this STX is reached, these units sustain proficiency by executing this STX as part of an FTX.

4. Training Enhancers

a. The detachment commander and team NCOIC, in coordination with HQ, battalion secure re-deployment SOPs and review excess turn in plans and re-deployment outload plans.

b. The UMO updates detachment and team re-deployment plans in coordination with unit leaders.

c. The battalion S2/S3 provides the units with the re-deployment sequence.

d. Unless otherwise approved by the chief OC, all reports and recommendations should be provided in hard copy to the senior trainer for evaluation.

e. This exercise begins with receipt of a re-deployment warning order and ends upon completion of re-deployment activities at home station or mobilization site. AARs are conducted as shown in Table 4-20. This table includes a suggested scenario.

Table 4-20. STX 63-2-E0026 Re-deploy Company Level Unit

SEQUENCE	EVENT		ESTIMATED TIME
1.	Receive and verify warning order		10 min
2.	Brief key personnel		30 min
3.	Reconstitute Quartermaster Company		40 min
4.	Perform administrative and personnel activities	1 hr	
5.	*Establish local security		20 min
6.	Update movement, re-deployment, and marshaling area plans	2 hrs	
7	*Receive and process excess supplies	3 hrs	
8.	Turn in excess sustainment stock	1 hr	
9.	AAR	1 hr	
10.	Assemble re-deployment teams		30 min
11.	Identify re-deployment TAA/RAA support locations and responsibilities		30 min
12.	Prepare vehicles and equipment	4 hrs	
13.	*Inspect vehicles and unit equipment	1 hr	30 min
14.	*Conduct showdown inspections and equipment cleaning	1 hr	
15.	Undergo SRP processing	2 hrs	
16.	Load vehicles and equipment	3 hrs	
17.	AAR	1 hr	
18.	Receive movement order		30 min
19.	Conduct non tactical road march	1 hr	
20.	Arrive at APOE/SPOE		10 min
21.	Perform staging activities	1 hr	
22.	Perform embarkation activities	2 hrs	
23.	AAR	1 hr	
24.	Arrive at APOD/SPOD		30 min
25.	Perform debarkation activities	2 hrs	
26.	Perform staging area activities	1 hr	
27.	AAR	1 hr	
28.	Receive movement order		30 min
29.	Conduct Non-Tactical road march	1 hr	
30.	Arrive Home Station	1 hr	
31.	Final AAR	2 hrs	

Total Time 37 hrs 50 min

NOTE 1: Events will be performed to standard, not time limitation. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility, or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to this exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

5. General Situation

a. The detachment and team are forward deployed in a theater of operations. Hostilities have ceased. Excess stocks are being processed for turn–in. These units are to be re-deployed to CONUS home station. These units are under the command and control of the Quartermaster Battalion (Water Supply).

b. Platoon and section leaders provide personnel and equipment status reports.

c. The HQ battalion, DISCOM, and theater level logistics organizations provide required re-deployment support.

d. This exercise is conducted in all environmental conditions.

6. FRAGO. The Company Commander issues the following FRAGO:

"We will begin re-deployment operations immediately. We must be prepared to continue to support divisional units that operate in the DSA throughout their re-deployment activity. Platoon Leaders prepare your personnel for re-deployment to CONUS by air and equipment by sea. I want 100 percent personnel and equipment accountability. Detachment and team headquarters will coordinate all re-deployment activities, as well as any support requirements the supported units may have. Be prepared to receive and process retrograde material from supported units. Subsequently we will retrograde all excess stocks to EAD reclamation sites. Be prepared to brief me at --- hours on your section plans, to include the status of personnel and equipment and the disposition of sustainment stocks remaining under your control. Alternate Route A will be used for moving to TAA/RAA located at ---------- (grid coordinates). Prepare to move out within ------hours. Come up on the net using digital communications when your Sections and Platoons are ready."

7. Support Requirements

a. Minimum Trainer and OCs. This exercise should be conducted with the detachment commander and team NCOIC as the trainers and primary OCs. A minimum of two OCs is required.

b. Opposing Force. None.

c. Vehicles and Communications. Vehicles and digital and analog communications equipment organic to the units are used.

d. Maneuver Area. A road network is required that allows a road march of at least 20 kilometers.

e. Master Incident List (MIL). During this STX, the MIL is essential to provide input to drive detachment and team actions. Input MIL using digital and analog communication systems.

f. Consolidated Support Requirements. Table 4-21 shows the suggested support requirements for this STX.

Table 4-21. Consolidated Support Requirement for STX 63-2-E0026, Re-deploy Company Level Unit

AMMUNITION	QUANTITY
None	
EQUIPMENT	
All organic equipment, to include authorized TOE and CTA, is used. Rail and aircraft loads are simulations.	
FUEL	
Use known historical data or Operation Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).	
NBC EQUIPMENT	
NONE	
OTHER	
Rations	3 per person per day IAW ration cycle

NOTE: The consolidated support requirements outlined for this STX are intended as suggestions. However, local policies or constraints may not allow for providing the items.

8. T&EO Sequence. Table 4-22 lists the T&EOs for this STX.

Table 4-19. T&EOs from Chapter 5 to Use in Evaluating STX 63-2-E0026, Re-deploy Company Level Unit

Task	Task Number
Employ Physical Security Measures	63-2-4306
Perform Field Sanitation Functions	63-2-4315
Perform Risk Management Procedures	63-2-4326
Prepare Unit for Non-Tactical Move	63-2-4807
Conduct Non-Tactical Road March	63-2-4808
Perform Re-deployment Personnel and Administrative Actions	63-2-4814
Perform Re-deployment Training Activities	63-2-4815
Perform Re-deployment Supply Activities	63-2-4816
Perform Re-deployment Maintenance Activities	63-2-4817
Prepare Vehicles and Equipment for Re-deployment	63-2-4818
Perform Sea Port of Embarkation Activities for Re-deployment	63-2-4819
Perform Aerial Port of Embarkation Activities for Re-deployment	63-2-4820
Perform Aerial Port of Debarkation Activities for Re-deployment	63-2-4821
Perform Home Station Activities	63-2-4822
Perform Sea Port of Debarkation Activities for Re-deployment	63-2-4823
Perform Demobilization Station Activities	63-2-4824
Plan Unit Re-deployment	63-2-4829

Chapter 5

Training and Evaluation Outlines

5-1. Introduction. This chapter contains the tasks, conditions, and standards for all collective tasks that this unit must master to perform its missions.

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 missions according to their specific BOS.

5-3. Format. The T & EO is the training objective prepared for each collective task. Each T & EO contains the following components:

a. Element – identifies the unit or unit element(s) that perform the task.

b. Task – contains a start and stop point, is measurable, and supports a specific mission or missions.

c. Task Number –identifies the task throughout the MTP.

d. References – are in parenthesis following the task number. The reference that contains the most information about the task is underlined.

e. Iteration – identifies the number of times a task is performed and evaluated during training. The “M” identifies when the task is performed in MOPP 4.

f. Training Status – evaluates the company performance. The rating is circled each time a task is evaluated. The two ratings are:

(1) GO – the company successfully accomplished the task standard and task step performance measures with no significant shortcomings.

(2) NO GO – the company did not accomplish the task standard and task step performance measures.

g. Conditions –describes the environment and situation under which the task is to be performed, and contains the initiating cue for the task.

h. Task Standard – prescribes the overall task outcome that must be met to receive credit for successful execution of the task.

i. Task Steps – are actions that must take place for task performance. They are sequentially arranged when it is important for proper execution of the task.

j. Performance Measures – are detailed measures listed for each task step. They identify how well the task step must be performed or the desired outcome.

k. GO/NO GO Column – is used to record the performance of the performance measure. Evaluate each performance measure for a task step and place an “X” in the appropriate column. A major portion of the performance measures must be marked a “GO” for the task to be performed successfully.

5-4. Usage Of T &EOs. The T & EOs can be used to train or evaluate a single task. Several T & EOs can be used to train or evaluate a group of tasks such as an STX or FTX.

Deploy/Conduct Maneuver

Prepare Unit to Move (63-2-4002) 5-4
Conduct Tactical Road March (63-2-4003) 5-8
Perform Advance/Quartering Party Activities (63-2-4008) 5-12
Occupy New Operating Site (63-2-4009) 5-16
Set Up Unit Headquarters, and Bivouac Areas (63-2-4518) 5-19
Perform Deployment Alert Activities (63-2-4801) 5-21
Perform Human Resources Pre-deployment Activities (63-2-4802) 5-24
Perform Pre-deployment Training Activities (63-2-4803) 5-27
Perform Pre-deployment Supply Activities (63-2-4804) 5-29
Perform Pre-deployment Maintenance Activities (63-2-4805) 5-32
Prepare Vehicles and Equipment for Deployment (63-2-4806) 5-36
Prepare Unit for Non-tactical Move (63-2-4807) 5-41
Conduct Non-tactical Road March (63-2-4808) 5-44
Perform Sea Port of Embarkation Activities for Deployment (63-2-4809) 5-47
Perform Aerial Port of Embarkation Activities for Deployment (63-2-4810) 5-51
Perform Aerial Port of Debarkation Activities for Deployment (63-2-4811) 5-54
Perform Sea Port of Debarkation Activities for Deployment (63-2-4812) 5-57
Prepare Equipment Reception Team for Tactical Road March (63-2-4813) 5-60
Perform Re-deployment Human Resources Actions (63-2-4814) 5-63
Perform Re-deployment Training Activities (63-2-4815) 5-66
Perform Re-deployment Supply Activities (63-2-4816) 5-68
Perform Re-deployment Maintenance Activities (63-2-4817) 5-71
Prepare Vehicles and Equipment for Re-deployment (63-2-4818) 5-74
Perform Sea Port of Embarkation Activities for Re-deployment (63-2-4819) 5-79
Perform Aerial Port of Embarkation Activities for Re-deployment (63-2-4820) 5-83
Perform Aerial Port of Debarkation Activities for Re-deployment (63-2-4821) 5-87
Perform Home Station Activities (63-2-4822) 5-90
Perform Sea Port of Debarkation Activities for Re-deployment (63-2-4823) 5-93
Perform Demobilization Station Activities (63-2-4824) 5-96
Conduct Integration Activities (63-2-4825) 5-99
Conduct Staging Activities (63-2-4826) 5-101

Employ Firepower

Use Passive Air Defense Measures (63-2-4307) 5-104
Take Active Air Defense Measures Against Hostile Aircraft (63-2-4308) 5-107

Protect the Force

Cross a Radiologically Contaminated Area (63-2-4005) 5-110
Defend Convoy Elements (63-2-4006) 5-116
Set Up Unit Defense (63-2-4011) 5-122
Prepare Unit for Nuclear, Biological, and Chemical Conditions (63-2-4013) 5-126
Employ Operations Security Measures (63-2-4016) 5-129
Perform Operational Decontamination (63-2-4018) 5-133
Perform Thorough Decontamination (63-2-4019) 5-135
Respond to the Initial Effects of a Nuclear Attack (63-2-4020) 5-138
Defend Against a Level I Attack (63-2-4021) 5-141
Prepare Unit for Level II/III Threat (63-2-4022) 5-145
Conduct Hasty Displacement (63-2-4023) 5-148
Defend Unit Area (63-2-4024) 5-151
Perform Withdrawal Under Fire (63-2-4025) 5-155
Reorganize Unit Defense (63-2-4026) 5-158
Execute Battle Handover (63-2-4027) 5-160
Perform Area Damage Control Functions (63-2-4028) 5-162
Prepare Unit for a Chemical Attack (63-2-4202) 5-164
Perform Radiological Decontamination (63-2-4207) 5-166
Cross a Chemically Contaminated Area (63-2-4226) 5-169

Employ Physical Security Measures (63-2-4306) 5-174
Prepare for a Friendly Nuclear Strike (63-2-4327) 5-177
Respond to the Residual Effects of a Nuclear Attack (63-2-4328) 5-179
Respond to a Chemical Attack (63-2-4334) 5-182
Destroy Supplies and Equipment (63-2-4522) 5-186

Perform CSS and Sustainment
Treat Casualties (08-2-0003.63-0001) 5-189
Conduct Water Quality Analysis Program (10-2-0213) 5-192
Set Up Water Elements (10-2-0215) 5-194
Produce Potable Water (10-2-0217) 5-198
Perform Unit Mortuary Affairs Operations (10-2-4513) 5-200
Provide Human Resources Support (63-2-4015) 5-204
Provide Food Service Support (63-2-4056) 5-207
Combat Battlefield Stress (63-2-4303) 5-213
Process Enemy Prisoners of War (63-2-4304) 5-216
Process Captured Documents and Equipment (63-2-4305) 5-218
Perform Field Sanitation Functions (63-2-4315) 5-220
Transport Casualties (63-2-4316) 5-222
Perform Risk Management Procedures (63-2-4326) 5-225
Receive Re-supply by Airdrop (63-2-4514) 5-227
Provide Unit Supply Support (63-2-4515) 5-229
Receive External Sling Load Re-supply (63-2-4516) 5-234
Perform Unit-Level Maintenance (63-2-4552) 5-237

Exercise Command and Control
Plan Unit Move (63-2-4001) 5-241
Plan Occupation of New Area of Operations (63-2-4007) 5-244
Plan Unit Defense (63-2-4010) 5-246
Maintain Communications (63-2-4017) 5-249
Establish Communications (63-2-4040) 5-253
Plan Unit Mobilization in a Peacetime Environment (63-2-4827) 5-255
Plan Unit Deployment Activities Upon Receipt of a Warning Order (63-2-4828) 5-258
Plan Unit Re-deployment (63-2-4829) 5-261

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

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Unit to Move (63-2-4002)

(FM 55-30)	(FM 100-14)	(FM 24-35)
(FM 3-100)	(FM 3-25.26)	(FM 3-3)
(STP 21-1-SMCT)	(STP 21-24-SMCT)	

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

CONDITIONS: The unit has been directed to move to a designated location. The displacement plan is complete and unit leaders brief soldiers on the plan. Movement can occur in a field or MOUT environment. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The higher HQ staff element has selected tentative route(s) of march and tasked the unit for a reconnaissance party to reconnoiter the route(s). Area reconnaissance has been coordinated by higher HQ staff element. The higher HQ staff element and unit commander brief the reconnaissance party. The convoy, serial, and march commanders have been designated, as appropriate. Strip maps are provided by the higher HQ staff element. Load plans are available. An advance/quartering party is dispatched prior to completion of this task. SOI/SSI is available. This task is conducted under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit is ready to cross SP NLT time prescribed in movement order. At MOPP4, performance degradation factors increase movement preparation time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Reconnaissance party conducts route reconnaissance (071-326-5805, 071-329-1030, 113-637-2001). a. Wears or carries designated uniform and equipment IAW TSOP and higher HQ guidance. b. Activates the automatic chemical alarm(s) system, if available, on lead vehicle. c. Positions chemical detector paper where it can be observed at all times. d. Positions dosimeters where they can be constantly monitored. e. Verifies analog/digital map information along route for accuracy. f. Lists capacities of all bridges and underpasses. g. Identifies locations of all culverts, ferries, fording areas, steep grades, and possible ambush sites. h. Prepares overlay depicting route, obstructions, and key natural and man-made features using analog and/or digital communications. i. Computes travel time and distance from a proposed SP to RP. j. Debriefs higher HQ staff element and unit commander upon return.		
2. Unit prepares vehicles and equipment (091-CLT-4029, 551-88N-0002, 101-92Y-0006). a. Performs before-operations PMCS on all vehicles and equipment. b. Corrects all vehicle and equipment discrepancies within the operator's capabilities IAW applicable TM. c. Reports all deficiencies beyond operator's capability to immediate supervisor.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Removes all unit identification markings on vehicles. e. Covers all reflective surfaces of all vehicles or cargo with available materials. f. Hardens all vehicles using sandbags and/or other authorized materials. g. Places antennas at lowest height. h. Turns radio volume and squelch to lowest operational setting consistent with operational requirements. i. Sets radio to eliminate operating sounds and lights when moving at night. j. Verifies analog and/or digital devices are functioning properly.		
3. Unit dismantles current operating site. a. Strikes tentage and camouflage nets IAW applicable TMs and within time specified in the displacement plan. b. Loads all designated equipment IAW unit load plans and within time specified in the displacement plan. c. Disguises all critical equipment and supplies with tarpaulins or any other authorized covering. d. Dismantles wire, analog, and/or digital communications devices, antennas, generators, and power cables within time specified in the displacement plan. e. Removes all signs of area occupation. f. Positions all stay-behind party vehicles and equipment in areas that provide cover and do not impede departure of main body vehicles. g. Dispatches advance/quartering party NLT time specified in movement order.		
* 4. Convoy, serial, or march commander and leaders organize convoy (071-326-0608, 551-721-4326). a. Assign vehicle positions with the heavier, slower vehicles placed first. b. Assign digital device equipped control vehicles without setting a pattern. c. Assign recovery vehicle(s) positions where they can move to disabled vehicles without disrupting convoy movement. d. Assign hardened vehicle(s) with crew-served weapons interspersed throughout the convoy. e. Assign passenger locations where all unit personnel have a position and semi-automatic and automatic weapons are alternated throughout the convoy to cover front, rear, and flanks. f. Assign soldiers to air guard duties with specific search sectors covering 360 degrees. g. Assign sufficient number of recovery vehicles and mechanics to trail party element. h. Provide vehicle position listing with location of all vehicles to the trail party leader. i. Open analog and/or digital net(s) as specified in the SOI and movement order. j. Position combat lifesavers or medics throughout the convoy, serial, or march unit.		
* 5. Convoy, serial, or march commander and leaders conduct pre-movement inspections. a. Inspect personnel, equipment, weapons, and ammunition for compliance with commander's guidance, unit TSOP, and higher HQ movement order. b. Inspect organizational equipment for accountability and serviceability. c. Inspect vehicles, trailers, and loads for serviceability, proper stowing, and security.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Verify operability of analog and/or digital communications devices. e. Forward personnel and equipment status to unit HQ and higher HQ staff element using analog or digital communications devices.		
* 6. Convoy, serial or march commander conducts briefings for convoy personnel. a. Provides strip maps to each vehicle driver. b. Briefs convoy chain of command. c. Briefs convoy route. d. Prescribes the rate of march and catch-up speeds. e. Briefs vehicle intervals. f. Identifies scheduled halts. g. Briefs safety, accident, and breakdown procedures. h. Briefs immediate action security measures. i. Briefs blackout condition procedures. j. Identifies location of medical support. k. Identifies location of maintenance support. l. Provides location and identification of destination. m. Briefs arm/hand signals. n. Briefs communications frequencies and call signs for control personnel, security force commander, fire support elements, reserve security elements, and medical transportation support.		
7. Unit prepares to cross SP. a. Maintains situational awareness using analog and/or digital communications devices. b. Positions all vehicles under overhead cover. c. Clears all individual and crew-served weapons. d. Posts air guards in positions designated by convoy commander. e. Posts security guards to maintain 360-degree surveillance. f. Forwards movement readiness report to higher HQ staff element using analog and/or digital communications.		

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

Task Number	Task Title	References
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
071-326-5805	Conduct a Route Reconnaissance Mission	STP 21-24-SMCT
071-329-1030	Navigate from One Point on the Ground to Another While Mounted	STP 21-24-SMCT
091-CLT-4029	Supervise Preventive Maintenance Checks and Services	STP 21-24-SMCT
101-92Y-0006	Inspect Equipment for Accountability, Cleanliness, and Serviceability	STP 21-24-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Net	STP 21-24-SMCT
551-721-4326	Perform Duties as Convoy Commander	STP 21-24-SMCT
551-88N-0002	Prepare for a Unit Move	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4001	Plan Unit Move	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Conduct Tactical Road March (63-2-4003)
(FM 55-30) (FM 3-3) (FM 3-4)
(STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: The time specified in the movement order to cross the SP has arrived. All equipment is uploaded and vehicles are positioned for departure. The route of march is identified. Convoy operations may be performed during the day or night, including blackout conditions. The convoy may go through an urban area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with annexes, including overlays with checkpoints, RP, and critical points are available. Digital and/or analog device, radio, and visual signals are used for convoy column control. Column may conduct halts during movement. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SP, checkpoints, and RP are crossed at times specified in the movement order or at times adjusted on the road movement table by higher HQ staff element. At MOPP4, performance degradation factors increase travel time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. March commander initiates convoy (071-326-3013, 551-721-4326, 850-001-2000). a. Maintains situational awareness at all times using analog and/or digital communications. b. Directs lead vehicle to cross SP at specified time. c. Verifies vehicles have crossed the SP. d. Forwards SP crossing report to higher HQ staff element when unit elements have crossed the SP using analog and/or digital communications.		
* 2. March commander reports convoy information to higher HQ staff element (551-721-4326). NOTE: All reports are made to higher HQ staff element using analog and/or digital communications. a. Forwards checkpoint clearance report as checkpoints are crossed. b. Reports all ground sightings that conflict with maps and map overlays. c. Forwards en route NBC information. d. Reports all threat sightings using SALUTE format. e. Employs correct SOI/SSI codes in all transmissions.		
* 3. March commander enforces march discipline (551-721-4326, 071-326-0608). a. Maintains situational awareness at all times using analog and/or digital communications. b. Assumes position(s) along march route that provides command presence at points of decision for reaction to changing tactical situation. c. Enforces all movement policies defined in the TSOP and movement order, with emphasis on formation, distances, speeds, passing procedures, and halts.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Adjusts formation distances and speed consistent with NBC, terrain, and light conditions. e. Enforces security measures, with emphasis on air guard's surveillance, manning of automatic weapons, and concealment of critical cargo. f. Communicates violations of march discipline, security procedures, or changes to current orders to unit leaders and operators by analog, digital, or visual signal communications. g. Enforces COMSEC measures, including radio silence periods IAW the movement order and SOI/SSI.		
4. Unit employs march discipline (551-721-4326, 551-88N-0005, 113-637-2001). a. Maintains designated march speed specified in movement order or as prescribed by the convoy commander. b. Maintains proper vehicle interval as specified in movement order or as adjusted by the convoy commander. c. Adjusts formation distances and speed consistent with NBC, terrain, and light conditions. d. Dons eye protection goggles if driver or passenger is in a vehicle without cover or when windshield is lowered. e. Crosses all checkpoints as scheduled. f. Reacts correctly to convoy commander's arm/hand signals or instructions by analog and/or digital communications. g. Maintains ground and air surveillance that covers 360 degrees until movement is completed. h. Maintains communications security.		
5. Unit conducts scheduled halt(s) (551-88N-0005, 071-331-0815). a. Stops column at prescribed time and location. b. Moves vehicles off-road to positions that provide overhead cover while maintaining the prescribed interval between vehicles. c. Occupies hasty defensive positions with 360-degree protective coverage (passengers). d. Reports scheduled halt to the battalion CP. e. Performs during-operation PMCS on vehicles (operators). f. Inspects vehicle loads for safety and security. g. Begins departure at specified time in the movement order. h. Reports resumption of march to higher HQ staff element using analog and/or digital communications.		
6. Unit conducts unscheduled halt(s) (551-88N-0005, 071-331-0815). a. Alerts march column with prescribed arm/hand signal. b. Reports halt and circumstances immediately to higher HQ staff element by analog and/or digital communications. c. Moves vehicles off the road while maintaining the prescribed interval between vehicles. d. Occupies hasty fighting position with 360-degree protective coverage. e. Resumes march as soon as reason for halt is rectified. f. Reports resumption of march to higher HQ staff element using analog and/or digital communications.		
7. Trail party recovers disabled vehicle. a. Posts guard to maintain surveillance until recovery operation is completed. b. Inspects disabled vehicle for reparability. c. Repairs disabled vehicle, when possible. d. Tows disabled vehicle to applicable maintenance activity.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Reports vehicle status to convoy commander using analog and/or digital communications.		
8. Unit conducts a night convoy.		
a. Briefs drivers on night conditions.		
b. Provides visual adjustment period if march began during daylight.		
c. Prepares vehicles for blackout conditions IAW the TSOP.		
d. Maintains prescribed interval between vehicles.		
e. Wears night vision goggles (selected personnel).		
f. Wears regular eye protection goggles (all other personnel).		
g. Employs ground guides during poor visibility periods.		
9. Unit conducts convoy through an urban area.		
a. Verifies all weight, height, and width restrictions along route of march.		
b. Employs close column formation.		
c. Obeys traffic control directions unless escorted by military or HN police.		
d. Employs directional guides at all critical intersections.		
10. Convoy commander monitors unit crossing RP.		
a. Verifies that lead vehicle has crossed RP at specified time.		
b. Verifies that vehicles that have crossed RP.		
c. Forwards SITREP to higher HQ staff element using analog and/or digital communications.		

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

Task Number	Task Title	References
071-326-3013	Conduct a Tactical Road March	STP 21-24-SMCT
551-721-4326	Perform Duties as Convoy Commander	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
551-88N-0005	Operate a Vehicle in a Convoy	STP 21-1-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Net	STP 21-1-SMCT
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4001	Plan Unit Move	ARTEP 10-469-30-MTP
63-2-4002	Prepare Unit to Move	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING PERSISTENT AND NON-PERSISTENT CHEMICAL WEAPONS (63-OPFOR-1001)

CONDITION: OPFOR units deliver chemical agents by means of conventional artillery weapons or aircraft along selected routes and key bases in the rear area.

STANDARD: 1. Deliver chemical agents in low lying and/or densely wooded areas. 2. Delay movement of enemy supplies and equipment to forward areas by disrupting C2 system. 3. Restrict enemy units movement in rear area. 4. Channel movement into pre-designated ambush areas. 5. Contaminate enemy supplies and equipment. 6. Inflict casualties on enemy forces.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: CONDUCT HASTY AMBUSH (63-OPFOR-1003)

CONDITION: OPFOR element is moving in a wooded area when an enemy march element is seen moving along a nearby route.

STANDARD: 1. Prepare ambush site before arrival of enemy element. 2. Surprise enemy forces. 3. Inflict casualties within the designated kill zone. 4. Inflict damage to vehicles and equipment within the designated kill zone. 5. Delay enemy march element from reaching its destination for a specified period. 6. Withdraw, on order, within two minutes of ambush initiation. 7. Report actions to superiors.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Advance/Quartering Party Activities (63-2-4008)
(FM 10-27-2) (FM 10-27-3) (FM 3-100.4)
(FM 55-30) (STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: Departure time for the advance/quartering party has arrived, and the party is prepared to depart the assembly area. MOPP2 has been designated. All essential information, such as route, order of march, and estimated arrival time of main body, has been provided by higher HQ staff element. The party leader has been issued tentative unit layout, hasty defense, and traffic plans. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The advance/quartering party possesses all required equipment. Sufficient guides, markers, and other equipment are available. Upon arrival at the new AO, the higher HQ advance/quartering party leader assigns specific unit setup areas. The main body arrives before completion of this task. This task is conducted under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: All preparation tasks are accomplished at the new operation site as directed by the higher HQ staff element and unit commander and the main body moves into position. At MOPP4, performance degradation factors increase execution times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Advance/quartering party moves to new operating site. a. Wears uniform as prescribed by the higher HQ movement order and TSOP. b. Crosses SP, checkpoints, and RP as prescribed by movement order maintaining situational awareness using analog and/or digital communications. c. Follows prescribed route from old to new area maintaining situational awareness using analog and/or digital communications. d. Reports route changes and/or information to main body by messenger, route guides, route markers, other non-electronic means, analog and/or digital communications.		
2. Advance/quartering party assists in securing the entire higher HQ area. a. Assumes designated MOPP level before entering new area. b. Provides required number of personnel for initial security teams. c. Provides required personnel and equipment to conduct NBC surveys of assigned area.		
3. Advance/quartering party secures the unit's new AO (031-503-1037, 071-326-0513, 071-331-1004, 071-331-0804, 052-191-1361, 052-191-1362). a. Places OPs on probable avenues of approach consistent with the available personnel. b. Parks vehicles and trailers in covered positions with mirrors turned toward the ground. c. Conducts NBC survey of the entire assigned unit area.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
NOTE: If survey team(s) monitors high levels of contamination, area should be evacuated immediately. d. Conducts sweep of unit area to locate all mines, booby traps, and other signs of threat presence.		
* 4. Advance/quartering party leader supervises area preparation tasks (071-326-5704, 191-379-4408, 071-410-0012). a. Conducts unit area site reconnaissance with sub-element leaders, pointing out assigned areas and traffic circulation IAW layout and traffic plans. b. Verifies movement of sub-elements into their respective areas to ensure compliance with layout plan. c. Establishes internal communications system using runner until wire communications have been established. d. Enforces OPSEC measures during area preparation. e. Establishes unit area entrance and exit points with unit personnel as guards. f. Assigns to sub-elements the task of blocking all other possible entrance and exit points into the unit area. g. Enforces safety procedures IAW TSOP and publications. h. Enforces environmental stewardship protection program procedures.		
5. Advance/quartering party leader supervises area preparation tasks (031-503-1037, 071-326-0513, 071-331-1004, 052-191-1361, 052-191-1362). a. Marks location of CP IAW the unit layout plan. b. Marks location of bivouac and administrative areas IAW the layout plan. c. Lays communication wire from CP to all sub-elements. d. Marks unit area traffic direction IAW the traffic plan. e. Erects required tentage at locations IAW the layout plan. f. Sets up radio antenna(s) in locations as required by the layout plan. g. Marks vehicle positions allowing maximum dispersion consistent with size of area and tactical situation. h. Marks sub-elements defensive boundaries IAW the security plan. i. Erects barriers to block all unauthorized entrances and exits into and out of the CP area. j. Employs camouflage and concealment measures consistent with tactical situation. k. Employs noise and light discipline measures. l. Employs communication security measures. m. Employs safety procedures IAW TSOP and publications. n. Employs environmental stewardship protection program procedures.		
6. Advance/quartering party prepares an urbanized area (052-191-1361, 052-191-1362). a. Selects buildings within assigned area that provide maximum cover, concealment, and protection. b. Selects building for CP that provides a line of sight for antenna(s). c. Clears all assigned buildings of booby traps and any unnecessary items. d. Erects barriers to close off or channel personnel and vehicles into designated areas. e. Establishes OPs and defensive positions in upper stories of buildings. f. Employs safety procedures IAW TSOP and publications. g. Employs environmental stewardship protection program procedures.		
* 7. Advance/quartering party leader supervises reception of main body. a. Identifies guide pickup points using analog and/or digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Briefs ground guides on moving main body into their respective areas with emphasis on OPSEC. c. Monitors sub-element guides' activities to ensure compliance with guidance by party leader and the higher HQ and unit TSOP. d. Enforces counter-surveillance measures. 8. Advance/quartering party performs guide functions. a. Guides elements into assigned positions without having vehicles stop in exposed areas. b. Employs prearranged signals IAW the higher HQ and unit TSOP. c. Parks one vehicle at a time during darkness or reduced visibility. d. Employs filtered flashlights during darkness or reduced visibility. e. Employs counter-surveillance measures during reception activities.		

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

Task Number	Task Title	References
031-503-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	STP 21-1-SMCT
052-191-1361	Camouflage Yourself and Your Individual Equipment	STP 21-1-SMCT
052-191-1362	Camouflage Equipment	STP 21-1-SMCT
071-326-0513	Select Temporary Fighting Positions	STP 21-1-SMCT
071-326-5704	Supervise Construction of a Fighting Position	STP 21-24-SMCT
071-331-0804	Perform Surveillance Without the Aid of Electronic Devices	STP 21-1-SMCT
071-331-1004	Perform Duty as a Guard	STP 21-1-SMCT
071-410-0012	Conduct Occupation of an Assembly Area	STP 21-24-SMCT
191-379-4408	Plan Security for a Command Post	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4007	Plan Occupation of New Area of Operations	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Occupy New Operating Site (63-2-4009)

(FM 21-75)	(FM 10-27-2)	(FM 10-27-3)
(FM 20-3)	(FM 21-10)	(FM 3-100.4)
(FM 5-103)	(FM 55-30)	(FM 63-2)
(FM 63-20)	(FM 63-21)	(FM 63-2-1)
(STP 21-1-SMCT)	(STP 21-24-SMCT)	

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit's main body is moving into assigned positions in a new operating site. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, the unit TSOP, and higher HQ TSOP are available. Advance/quartering party leader briefs the commander on the status of site preparation. The commander assembles element leaders for briefing. Movement into the new area can occur during the day or night. While the unit is moving into position, the threat has the capability to launch a surprise attack with a small group. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit completes initial camouflage and security functions within 20 minutes of arrival in new area. Commander finalizes layout plan within 30 minutes of arrival at new area.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit moves vehicles into positions (850-001-2000). a. Reacts correctly to guide's prescribed visual signals. b. Takes action to minimize noise. c. Takes action to minimize dust and exhaust smoke. d. Drives vehicles into pre-designated positions without stopping in exposed areas. e. Positions vehicle facing toward roadway to allow for quick dispersion.		
2. Unit moves vehicles to positions at night (850-001-2000). a. Picks up guides at dismount point. b. Turns off blackout drive lights at dismount point. c. Reacts correctly to filtered flashlight signals of guide. d. Maintains noise and light discipline. e. Takes action to minimize dust and exhaust smoke.		
3. Vehicle operators perform initial camouflage measures (850-001-2000, 052-191-1361, 052-191-1362). a. Reduce reflections by turning mirrors toward the ground. b. Employ natural terrain patterns, available overhead cover, and shadows. c. Cover windshields with available natural or artificial materials. d. Remove vehicle tracks by using available sweeping materials. e. Perform after-operations PMCS.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
4. Unit occupies initial defensive positions (designated personnel only) (850-001-2000, 052-191-1361, 071-326-5703, 071-331-0815, 071-326-5704, 071-326-5705). a. Occupies positions as directed by advance/quartering party leader. b. Prepares hasty fighting positions that provide frontal protection from direct fire and are at least half a meter (18 inches) deep. c. Positions automatic weapons on likely avenues of approach. d. Positions individual weapons to protect flanks of automatic weapons and to provide interlocking fires. e. Employs hasty camouflage measures to initial security positions. f. Employs light and noise discipline along defensive line. g. Employs correct challenge and password techniques. h. Employs safety measures IAW TSOP and publications. i. Employs environmental stewardship protection program procedures.		
* 5. Commander finalizes unit layout plan. a. Adjusts layout plan as terrain and tactical considerations require change. b. Records adjustment(s) on analog and/or digital map overlay(s). c. Identifies camouflage requirements based on terrain features. d. Identifies essential tasks to be completed. e. Briefs sub-element leaders on final layout plan and tasks to be performed. f. Enforces safety measures IAW TSOP and publications. g. Enforces environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
052-191-1361	Camouflage Yourself and Your Individual Equipment	STP 21-1-SMCT
052-191-1362	Camouflage Equipment	STP 21-1-SMCT
071-326-5703	Construct Individual Fighting Positions	STP 21-1-SMCT
071-326-5704	Supervise Construction of a Fighting Position	STP 21-24-SMCT
071-326-5705	Establish an Observation Post	STP 21-24-SMCT
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4007	Plan Occupation of New Area of Operations	ARTEP 10-469-30-MTP
63-2-4008	Perform Advance/Quartering Party Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Set Up Unit Headquarters and Bivouac Areas (63-2-4518)

(DA PAM 385-1)	(FM 10-27-2)	(FM 10-27-3)
(FM 20-3)	(FM 21-10)	(FM 3-100.4)
(FM 3-4)	(STP 21-1-SMCT)	(STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has been directed to move to a new location. The unit has analog and digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. Quartering party has escorted the unit HQ to the new site. New AO for unit HQ and bivouac areas have been selected in a field site or MOUT environment. Operating sites for unit administrative area, unit supply, and field sanitation have been selected. Quartering party has initially secured the area and established the CP. The layout plan is available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit HQ and bivouac areas are set up IAW TSOP and/or layout plan within the prescribed time frame.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander/first sergeant direct set up of administrative and bivouac areas. a. Revise layout plan based on current situation. b. Designate location of unit elements based on revised layout plan. c. Coordinate the updated layout plan with higher HQ staff personnel. d. Supervise the set-up of unit CP. e. Direct set up of bivouac area(s). f. Inspect setup to ensure it is IAW the layout plan. g. Enforce safety procedures IAW TSOP and publications. h. Enforce environmental stewardship protection program procedures.		
2. Unit HQ personnel set-up the unit administrative area. a. Occupy positions required for local area security IAW unit TSOP. b. Position equipment and tentage according to layout plan. c. Establish unit communications net using analog and digital devices. d. Enter higher HQ communications nets IAW current communications instructions and TSOP. e. Identify tentative mortuary affairs and EPW collection points. f. Mark vehicle parking areas. g. Mark traffic flow pattern. h. Camouflage vehicles, shelters, and equipment. i. Employ safety procedures IAW TSOP and publications. j. Employ environmental stewardship protection program procedures.		
3. Unit HQ personnel set up the unit supply area. a. Set up required shelters and equipment. b. Secure weapons and ammunition. c. Position supply vehicles. d. Camouflage vehicles and equipment.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Employ safety procedures IAW TSOP and publications. f. Employ environmental stewardship protection program procedures. 4. Unit personnel set up bivouac area. a. Locate area away from traffic flow and roadways. b. Mark sleep areas. c. Pitch individual tentage. d. Set-up commander's facilities. e. Camouflage all bivouac areas. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protection program procedures. 5. Unit personnel set-up the field sanitation facilities. a. Construct latrine(s). b. Place screen or canvas around latrine(s). c. Construct hand-washing device for each latrine. d. Set up unit water source. e. Employ safety procedures IAW TSOP and publications. f. Employ environmental stewardship protection program procedures. 6. Commander/first sergeant coordinates internal logistics and CHS requirements. a. Coordinates field feeding location and schedule with supporting unit. NOTE: For unit without assigned field feeding assets. b. Coordinates for maintenance support with supporting unit. NOTE: For units without assigned maintenance assets. c. Coordinates CHS with supporting medical element. NOTE: For units without medical assets.		

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: NONE

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4007	Plan Occupation of New Area of Operations	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Deployment Alert Activities (63-2-4801)
(FM 100-17) (AR 220-1) (AR 220-10)
(FM 55-65)

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

CONDITIONS: The unit has been at a normal state of deployment readiness and has received a warning order to prepare for overseas deployment. The CQ or 1SG has notified the commander. The unit has analog and/or digital communications with higher HQ. The unit movement plan, recall plan, security plan, unit and higher HQ access rosters, and current maps are available. The unit has a trained officer or NCO appointed as UMO and alternate UMO. Main body personnel, advance party personnel, SPOE team, equipment reception team, packing and crating team, weighing and marking team, rail loading team, and supercargoes have been designated by the commander and trained in their duties. The unit is deploying as part of a higher HQ deployment. Alert notification activities are performed under all day or night environmental conditions.

This task is always performed in MOPP4.

TASK STANDARDS: Unit personnel are recalled IAW the recall plan. All personnel are present or accounted for and briefings are conducted for unit personnel and deployment teams IAW movement plan. Security is established IAW security plan.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander supervises deployment alert notification activities (805C-PAD-4359, 301-371-1050). a. Directs the CQ or 1SG to implement the recall plan. b. Coordinates with higher HQ commander for guidance concerning deployment requirements. c. Briefs unit leaders on deployment and mission requirements. d. Directs UMO to update movement plan, deployment SOP, and marshaling plans, as required. e. Assigns additional and/or replacement personnel to deployment teams, as required. f. Monitors security of unit area for compliance with security plan. g. Monitors recall of unit personnel to ensure recall time standards are met and personnel accountability is accomplished IAW recall plan. h. Submits reports to higher HQ IAW recall plan, security plan, deployment OPORD, and movement plan using analog and/or digital communications. i. Briefs higher HQ commander and staff on status of deployment alert activities.		
2. Unit HQ performs recalls personnel accountability functions (805C-PAD-2461, 805C-PAD-4359, 301-371-1050). a. Initiates recall procedures IAW recall plan. b. Sets up central check-in IAW recall plan. c. Checks personnel as they arrive, to ensure only personnel listed on current access rosters enter the unit area.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Annotates recall roster to indicate personnel are present for duty as they arrive. e. Computes percent present for duty IAW recall plan. f. Briefs commander on present-for-duty status as recall progresses. g. Disestablishes control check-in point when 100 percent of unit are present or accounted for.		
* 3. UMO assembles deployment teams (805C-PAD-4359). a. Identifies unit deployment team requirements by reviewing movement plan. b. Confirms personnel are available for designated deployment teams. c. Requests commander assign additional and/or replacement deployment team members, as required. d. Briefs deployment teams on their duties and responsibilities IAW the movement plan. e. Briefs commander on status of deployment teams.		
* 4. Unit leaders supervise unit element alert activities (805C-PAD-2461, 805C-PAD-4359). a. Monitor arrival of unit element personnel to ensure all personnel are accounted for. b. Supervise establishment of security of assigned area IAW security plan. c. Brief personnel on deployment.		
* 5. Section chiefs and/or team leaders supervise alert activities. a. Inspect personnel as they arrive to ensure all have required clothing and personal gear. b. Inspect alert bags to ensure all personal gear is present and serviceable. c. Assign personnel to security posts IAW security plan. d. Brief unit element leaders on alert status.		
6. Unit performs recall activities (301-371-1050). a. Relays alert notification, as required. b. Reports for duty unit HQ IAW recall plan. c. Repairs or replaces personal gear, as required. d. Performs security functions, as required. e. Provides dependents with information on deployment, as permitted.		

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

Task Number	Task Title	References
301-371-1050	Implement Operations Security (OPSEC)	STP 21-1-SMCT
805C-PAD-2461	Maintain Accountability of Personnel	STP 21-24-SMCT
805C-PAD-4359	Manage Soldier’s Deployment Requirements	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Human Resources Pre-deployment Activities (63-2-4802)
(AR 220-10) (AR 220-1) (FM 100-17)
(FM 55-10) (FM 55-65)

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

CONDITIONS: The unit has activated the recall plan. Unit personnel are accounted for and are prepared for pre-deployment processing. S1 has provided a SRP schedule to the commander. The unit has coordinated with the S1 for assistance, as needed. Transportation to move the unit to the processing center is available. The deployment SOP, movement plan, family assistance plan, and higher HQ deployment OPORD are available. The unit has analog and digital communications with higher HQ. The unit is deploying as part of a higher HQ deployment. SRP activities are performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Pre-deployment personnel and administrative activities are accomplished IAW the movement plan, deployment OPORD, S1 SRP schedule, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs personnel and administrative pre-deployment activities. a. Directs HQ to update the unit USR using current data IAW AR 220-1. b. Directs the XO/1SG to publish a unit SRP schedule based on the S1 SRP schedule. c. Forwards list of non-deployable personnel to the higher HQ staff element using analog and/or digital communications. d. Directs personnel to complete SRP activities. e. Directs personnel to secure POVs and personal property IAW movement plan. f. Directs XO to prepare briefing for dependents. g. Directs XO to update family assistance plan, as required. h. Requests that the S1 appoint pay agents during deployment, if necessary, using analog and/or digital communications. i. Coordinates with S1 Section to close out fund account using analog and/or digital communications. j. Coordinates through higher HQ and port commander to identify number of supercargoes (unit personnel traveling with unit equipment) authorized and POC for supercargoes using analog and/or digital communications. NOTE: Performance step "j" is not used by the SBCT. k. Briefs battalion commander on status of SRP activities.		
2. Unit HQ processes SRP records (805C-PAD-2461, 301-371-1050, 805C-PAD-4359). a. Delivers unit SRP records to SRP site. b. Verifies that 100 percent of deploying personnel have processed.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Returns SRP records to company HQ. d. Delivers SRP records to battalion rear detachment prior to departure.		
3. Unit HQ performs personnel replacement functions (805C-PAD-2461, 301-371-1050, 805C-PAD-4359, 805C-PAD-1245). a. Identifies non-deployable personnel by reviewing monthly USR, 1SG daily report, and SRP results. b. Coordinates with higher HQ staff element for replacement personnel using analog and/or digital communications. c. Recommends assignment of replacement personnel to commander. d. Assigns replacement personnel IAW commander's instructions. e. Updates the family assistance plan, as required.		
4. Unit HQ monitors unit SRP activities (805C-PAD-2461, 301-371-1050, 805C-PAD-4359). a. Publishes unit SRP schedule based on movement plan, S1 section SRP schedule, and commander's guidance. b. Distributes unit SRP schedule to platoons and sections. c. Monitors SRP to ensure activities are completed IAW SRP schedule. d. Coordinates with the higher HQ staff element for additional SRP using analog and/or digital communications, as required. e. Briefs commander on SRP status.		
* 5. Unit leaders supervise personnel and administrative SRP activities (805C-PAD-2461, 301-371-1050, 805C-PAD-4359, 805C-PAD-1245). a. Direct personnel to complete SRP IAW SRP schedule. b. Designate personnel to assist contact teams in SRP activities, as required. c. Monitor SRP to ensure activities are completed IAW SRP schedule. d. Coordinate with the UMO/NCO for additional SRP, as required. e. Identify non-deployable personnel. f. Coordinate personnel replacement with company HQ. g. Monitor securing of POVs and personal property for compliance with movement plan and commander's instructions. h. Brief personnel on family assistance plan. i. Brief commander on results of SRP.		
6. Company personnel perform SRP activities (301-371-1050, 805C-PAD-4359). a. Perform SRP contact team functions, as directed. b. Complete processing activities, as directed. c. Secure POVs and personal property IAW movement plan and commander's instructions.		

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

Task Number	Task Title	References
301-371-1050	Implement Operations Security (OPSEC)	STP 21-1-SMCT
805C-PAD-1245	Support Unit and Family Readiness Through Army Family Team Building (AFTB) Program	STP 21-1-SMCT
805C-PAD-2461	Maintain Accountability of Personnel	STP 21-24-SMCT
805C-PAD-4359	Manage Soldier's Deployment Requirements	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4803	Perform Pre-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Pre-deployment Training Activities (63-2-4803)
(AR 350-41) (AR 220-10) (AR 350-1)
(FM 100-17) (FM 55-65) (TC 25-20)

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

CONDITIONS: The unit is preparing for deployment to an overseas site. Sufficient time exists for the unit to conduct pre-deployment training. The commander has designated a training officer and NCO. The unit deployment SOP, movement plan, higher HQ deployment OPORD, and training records are available. The unit has analog and/or digital communications with higher HQ. The unit is deploying as part of a higher HQ deployment. Pre-deployment training is performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Pre-deployment training is accomplished IAW the training schedule and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs pre-deployment training activities. a. Identifies training requirements through coordination with unit leaders and review of the movement plan and training records. b. Identifies special training requirements by reviewing deployment OPORD and coordinating with the higher HQ staff personnel. c. Directs training officer to develop a unit training schedule to correct training deficiencies. d. Designates personnel to receive training IAW higher HQ staff personnel's instructions. e. Briefs higher HQ commander on status of pre-deployment training.		
* 2. Training officer/NCO supervise pre-deployment training activities (850-001-2000, 805C-PAD-4359). a. Develops training schedule based on movement plan, deployment OPORD, specialized training requirements identified by higher HQ and commander's guidance. b. Coordinates training support with the higher HQ staff personnel using analog and/or digital communications, as required. c. Provides training schedule to S2/S3 section and unit leader, as appropriate. d. Monitors training to ensure appropriate training is provided to personnel. e. Briefs commander on status of pre-deployment training.		
* 3. Unit leaders perform pre-deployment training activities (850-001-2000, 805C-PAD-4359). a. Coordinates with UMO for required training support using analog and/or digital communications. b. Conducts training IAW training schedule, if required. c. Annotates training results on individual and team training records.		

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

Task Number	Task Title	References
805C-PAD-4359	Manage Soldier’s Deployment Requirements	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4802	Perform Human Resources Pre-deployment Activities	ARTEP 10-469-30-MTP
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Pre-deployment Supply Activities (63-2-4804)
(AR 710-2) (AR 220-10) (AR 700-84)
(AR 725-50) (AR 735-5) (FM 100-17)
(FM 3-100.4)

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

CONDITIONS: The unit is preparing for deployment to an overseas site. Basic loads of ammunition, rations, equipment identified TAT, and repair parts are available. The unit movement plan, TSOP, and higher HQ deployment OPORD are available. The unit has analog and/or digital communications with higher HQ. The unit is deploying as part of a higher HQ deployment. Pre-deployment supply activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Pre-deployment supply activities are accomplished IAW the movement plan, TSOP, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs pre-deployment supply activities. a. Identifies float and/or replacement equipment and additional supply requirements to the movement plan deployment supply list based on the deployment OPORD, METT-TC, and coordination with the higher HQ staff personnel. b. Coordinates with the higher HQ staff element for issue of additional supplies using analog and/or digital communications, as required. c. Coordinates with the higher HQ staff element issue of float and/or replacement equipment using analog and/or digital communications, as necessary. d. Directs unit leaders to provide supply and equipment requests to supply sergeant. e. Directs supply sergeant to request required supplies and equipment. f. Briefs higher HQ commander and higher HQ staff personnel on supply status, as required. g. Enforces environmental stewardship protection program procedures.		
2. Unit elements perform pre-deployment supply activities (101-92Y-0004, 101-92Y-0006, 850-001-2000, 850-001-3001, 805C-PAD-4359). a. Identify shortages of supplies and equipment by conducting inventories and inspections. b. Inventory soldier's personal belongings that are designated to remain in the unit area. c. Secure personal belongings remaining in the unit area. d. Submit requests for supplies and equipment to supply sergeant IAW TSOP, as required. e. Issue individual basic loads, as required. f. Employ safety procedures IAW TSOP and applicable publications. g. Employ environmental stewardship protection program procedures.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
3. Unit HQ provides supply support (101-92Y-0001, 101-92Y-0004, 101-92Y-0005, 101-92Y-0006, 850-001-2000, 805C-PAD-4359). a. Submits requests to servicing SSA to upgrade FAD on all requisitions already in the system. b. Coordinates with the S4 for additional DODAACs to be requested, as needed, for the rear detachment and deploying detachments using analog and/or digital communications. c. Submits changes of the "ship-to" address for the unit DODAAC to the servicing SSA, to ensure correct routing of requested supplies to the unit's deployment address using analog and/or digital communications. d. Submits requests for issue of personal clothing and equipment to S4 section IAW AR 700-84 using analog and/or digital communications. e. Submits request for basic loads and required supplies and equipment to S4 Section IAW Movement Plan and TSOP using analog and/or digital communications. f. Submits request for eyeglasses, inserts, and hearing aids to the S4 section using analog and/or digital communications, as required. g. Requests supplies to support movement operations (BBPCT, dunnage, and pallet covers). h. Draws basic loads IAW S4 section's instructions. i. Coordinates with S4 section to resolve outstanding requisitions using analog and/or digital communications. j. Coordinates with commander or S4 section for transportation and MHE support using analog and/or digital communications to pick-up, issue, and/or pack deployment supplies, if necessary. k. Inspects float and/or replacement equipment for serviceability. l. Signs for float and/or replacement equipment. m. Issues supplies and equipment IAW TSOP, as required. n. Secures un-issued supplies and equipment IAW TSOP. o. Turns in equipment, supplies, and hazardous material to appropriate facility, as required. p. Prepares hand receipt annex and/or transfer documentation for unit property being transferred. q. Prepares backup of all automated supply systems prior to deployment. r. Briefs commander on deployment supply status. s. Employs safety procedures IAW TSOP and applicable publications. t. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-92Y-0001	Supervise Supply Activities	STP 21-24-SMCT
101-92Y-0004	Enforce Property Accountability Policies	STP 21-24-SMCT
101-92Y-0005	Enforce Compliance with Property Accountability Policies	STP 21-24-SMCT
101-92Y-0006	Inspect Equipment for Accountability, Cleanliness, and Serviceability	STP 21-24-SMCT
805C-PAD-4359	Manage Soldier's Deployment Requirements	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4802	Perform Human Resources Pre-deployment Activities	ARTEP 10-469-30-MTP
63-2-4803	Perform Pre-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Pre-deployment Maintenance Activities (63-2-4805)

(FM 4-30.3)	(AR 220-1)	(AR 700-138)
(AR 750-1)	(DA PAM 738-750)	(DA PAM 750-1)
(DA PAM 750-35)	(FM 100-17)	(FM 3-100.4)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is preparing for deployment to an overseas site. Sufficient time exists for the unit to conduct pre-deployment maintenance activities. The commander has designated a motor officer. Required tools, equipment, and personnel are available. MSTs are available in the unit maintenance area. The movement plan, maintenance SOP, and higher HQ deployment OPORD are available. The unit has analog and/or digital communications with higher HQ. The unit is deploying as part of a higher HQ deployment. Pre-deployment maintenance is performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Pre-deployment maintenance is accomplished IAW the maintenance SOP and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs pre-deployment maintenance activities. a. Monitors maintenance activities for compliance with the maintenance SOP and commander's guidance. b. Approves the use of controlled exchange when required repair parts are not available. c. Checks MCSR for accuracy and completeness. d. Forwards MCSR to the S4 section using analog and/or digital communications. e. Coordinates with S4 for maintenance support using analog and/or digital communications, as required. f. Prioritizes internal repair of vehicles and equipment. g. Enforces safety procedures IAW TSOP and applicable publications. h. Enforces environmental stewardship protection program procedures.		
* 2. Motor officer/motor sergeant supervises pre-deployment maintenance activities (091-CLT-4029, 850-001-2000, 850-001-3001). a. Identifies unit operational readiness levels by reviewing vehicle and equipment status reports, PMCS, and pre-deployment maintenance checks. b. Prepares MCSR IAW AR 220-1 and AR 700-138. c. Submits current MCSR to commander. d. Submits request for direct support maintenance to commander, as required. e. Submits request for controlled exchanges to commander for approval. f. Designates unit maintenance personnel to assist direct support maintenance element IAW maintenance SOP and S4 section and commander's instructions. g. Directs calibration of tools, if required.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
h. Verifies PLL inventory by conducting spot checks. i. Submits request for PLL replenishment to S4 section using analog and/or digital communications, as required. j. Verifies completion of repairs by reviewing maintenance records. k. Coordinates with S4 section to identify status of vehicles and equipment in support maintenance using analog and/or digital communications. l. Coordinates with S4 section to evacuate non-deployable vehicles and equipment to support maintenance using analog and/or digital communications. m. Verifies unit member's civilian and military driver's licenses and equipment licenses for validation and reissue, as needed. n. Prepares backup of all automated maintenance systems prior to deployment. o. Briefs the commander on maintenance status of vehicles and equipment, as required. p. Enforces safety procedures IAW TSOP and applicable publications. q. Enforces environmental stewardship protection program procedures.		
3. Maintenance unit performs field maintenance activities (850-001-2000, 850-001-3009). a. Calibrates tools, as required. b. Inspects equipment IAW appropriate operator and organizational maintenance TMs. c. Records all deficiencies on equipment inspection worksheets. d. Corrects unit-level maintenance deficiencies. e. Corrects DS-level maintenance deficiencies. f. Requests required repair parts from PLL clerk. g. Repairs equipment IAW applicable TM(s). h. Requests approval for controlled exchange through motor officer or sergeant when required repair parts are not available. i. Performs controlled exchange IAW motor officer or sergeant's instructions. j. Performs final inspection to ensure quality control of repairs. k. Conducts inventory of PLL to confirm shortages IAW PLL listing. l. Submits request for PLL replenishment to supporting SSA, as required. m. Performs technical inspections of float and/or replacement equipment IAW appropriate TMs and manufacturer's instructions. n. Releases equipment to appropriate unit elements. o. Employs safety procedures IAW TSOP and applicable publications. p. Employs environmental stewardship protection program procedures.		
4. Unit HQ conducts transactions with maintenance support elements (850-001-3009). a. Identifies vehicles and equipment that require maintenance support element support. b. Prepares required documentation for submission to maintenance support element. c. Delivers vehicles and equipment to maintenance support element. d. Picks up equipment from maintenance support element upon notification repairs are completed. e. Notifies owning element to pick up vehicles and equipment.		
* 5. Unit leaders supervise pre-deployment operator maintenance activities (850-001-2000, 091-CLT-4029).		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Monitor performance of PMCS and pre-deployment maintenance for compliance with Maintenance SOP, appropriate TM, and commander's guidance. b. Inspect vehicles, weapons, and equipment to ensure compliance with Maintenance SOP, appropriate TM and commander's guidance. c. Provide input for MCSR to motor officer, as required. d. Enforce safety procedures IAW TSOP and applicable publications. e. Enforce environmental stewardship protection program procedures.		
6. Unit performs pre-deployment operator maintenance (850-001-2000, 850-001-3001). a. Performs PMCS IAW appropriate TM(s). b. Notifies supervisor of maintenance problems beyond operator's capabilities. c. Checks vehicle load plan to ensure required tools and equipment are on hand. d. Employs safety procedures IAW TSOP and applicable publications. e. Employs environmental stewardship program protection procedures.		

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

Task Number	Task Title	References
091-CLT-3009	Supervise Maintenance Operations	STP 21-24-SMCT
091-CLT-4029	Supervise Preventive Maintenance Checks and Services	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4802	Perform Human Resources Pre-deployment Activities	ARTEP 10-469-30-MTP
63-2-4803	Perform Pre-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Vehicles and Equipment for Deployment (63-2-4806)

(FM 100-17)	(AR 220-10)	(DOD DIR 4500.9)
(FM 21-305)	(FM 3-100.4)	(FM 4-30.3)
(FM 55-9)	(TB 55-46-1)	(TB 55-46-2)
(TM 55-2200-001-12)		

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit receives a movement directive to deploy to an overseas site. A railhead is available on the installation. All personnel are present and have been trained on requirements for preparing vehicles and equipment for deployment. Packing and Crating, Weighing and Loading, and Rail Loading Teams have been designated and trained. The Movement Directive, Movement Plan, Deployment SOP, and Deployment OPORD are available. The unit has analog and/or digital communications with higher HQ. The unit has a trained officer or NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher HQ deployment. Equipment preparation is performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Vehicles and equipment to be deployed are prepared for deployment and loaded for movement to the APOE or SPOE IAW the Deployment SOP, Movement Plan, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs vehicle and equipment preparation activities. a. Identifies vehicles, equipment, and supplies to be deployed based on movement directive, Movement Plan, Deployment OPORD, higher HQ commander's guidance, and METT-TC. b. Identifies personnel, equipment, and vehicles scheduled to move to the A/SPOE by road or rail by reviewing Movement Plan and higher HQ commander's guidance. c. Designates a unit MA. d. Designates storage areas for equipment not to be deployed. e. Coordinates with S4 for disposition of equipment not to be deployed or stored by the unit using analog and/or digital communications. f. Provides unit leaders with disposition instructions for equipment not being deployed. g. Coordinates with S4 for transportation support to the APOE or SPOE using analog and/or digital communications, if necessary. h. Inspects area to ensure all excess vehicles, equipment, and supplies have been turned in or placed in a designated holding area. i. Notifies higher HQ S2/S3 when vehicles and containers are loaded and ready to move using analog and/or digital communications.		
* 2. UMO supervises vehicle and equipment preparation activities. a. Updates AUEL to reflect vehicles, equipment, and supplies to be deployed based on physical inventory and commander's guidance.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Updates AUEL to reflect actual weights based on results of weighing and any dimensions beyond those listed in current technical publications for equipment TOE LIN/INDEX NO. c. Inputs updated AUEL into the ITO or field movement control element TC-ACCIS station. NOTE: When verified by the UMO, the updated AUEL becomes the DEL produced by TC-ACCIS. d. Provides UMC and/or S4 Section with information on oversize and overweight vehicles, equipment, and cargo requiring special handling, as required. e. Coordinates with UMC for DEL, BBPCT material requirements lists, vehicle/rail loading plans and schedules, special hauling permit requests, military shipping labels, and convoy clearance requests produced by TC-ACCIS using analog and/or digital communications. f. Coordinates with S4 Section for RF tags for ITV of sensitive/classified cargo, IAW directives from higher HQ using analog and/or digital communications. g. Coordinates with S4 Section for packing materials, weighing scales, MHE, containers, inserts, pallets, and other equipment preparation and loading materials using analog and/or digital communications, as required. h. Coordinates with S4 for customs inspection per unit SOP using analog and/or digital communications. i. Provides unit leaders with deployment forms, shipping labels, and documents, as required. j. Coordinates container pick-up with higher HQ staff element. k. Provide special instructions to Packing and Crating Teams, if necessary. l. Provides container packing schedule to unit leaders. m. Identifies transportation support requirements by reviewing Movement Plan and current vehicle status reports. n. Coordinates with S4 Section for movement of vehicles and equipment to rail loading site. o. Provides rail loading plan to Rail Loading Team Chief. p. Provides Rail Loading Team proper tools to conduct rail loadout. q. Coordinates with UMC for port call message and verification of Movement Plan A/SPOE requirements and procedures. r. Conducts risk assessment considering factors such as time, duration, and cargo to ensure the mission is safely completed. s. Briefs commander on status of preparation of vehicles and equipment for deployment.		
* 3. Unit leaders supervise preparation of unit elements for deployment (850-001-2000, 850-001-3001). a. Verify adequate space has been allowed for personnel items and secondary loads by reviewing loading plans. b. Revise loading plans, as required. c. Monitor packing and loading for compliance with Deployment SOP, Movement Plan, and UMO's instructions. d. Inspect area to ensure all equipment to be deployed has been packed and/or loaded. e. Inspect area to ensure all excess vehicles, equipment, and supplies have been turned in or placed in a designated holding area. f. Inspect internal loads to ensure loads are secure and in compliance with loading plans. g. Notify UMO of any load plan revisions using analog and/or digital communications.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 4. UMO maintains an up-to-date AUEL. a. Conducts physical inventory of vehicles and equipment to be deployed to verify accuracy of AUEL. b. Revises AUEL, as required. c. Submits AUEL changes to UMC, if necessary. 5. Packing and Crating Teams prepare equipment for deployment (850-001-2000, 850-001-3001). a. Pack containers IAW loading plans, DEL, and UMO's instructions. b. Pack hazardous materials IAW Deployment SOP, UMO's instructions, and applicable publications. c. Prepare container packing lists and shipping documents IAW UMO's instructions and applicable publications. d. Distribute container packing lists and shipping documents IAW UMO's instructions and applicable publications. e. Place military shipping labels and designated markings on containers IAW Movement Plan, Deployment SOP, and UMO's instructions. f. Assist container pick-up crew in loading operations, as required. g. Employ safety procedures IAW TSOP and applicable publications. h. Employ environmental stewardship protection program procedures. 6. Unit prepares vehicles, equipment, and personal gear for deployment (850-001-2000, 850-001-3001). a. Places equipment not being deployed in designated storage area IAW Movement Plan and commander's instructions. b. Turns in excess vehicles, equipment, and supplies to supply sergeant IAW Deployment SOP and/or commander's instructions. c. Packs personal gear IAW Movement Plan. d. Marks and/or tags vehicles, equipment, and personal gear IAW Deployment SOP, Movement Plan, and UMO's instructions. e. Attaches RF/AIT tags and applies military shipping labels on vehicles and equipment IAW Movement Plan and UMO's instructions. f. Moves equipment to be packed in containers, to the container packing area IAW UMO's instructions. g. Loads vehicles IAW Deployment SOP, Movement Plan, loading plans, and UMO's instructions. h. Moves vehicles to designated area for marshaling or rail loading site, as directed. i. Employs safety procedures IAW TSOP and applicable publications. 7. Weighing and Marking Team weigh and marks vehicles for deployment (850-001-2000, 850-001-3001). a. Sets up weighing and marking area in designated area IAW Deployment SOP. b. Guides vehicles onto scales as they arrive. c. Identifies vehicle gross weight. d. Identifies vehicle axle weights (air movement only). e. Computes vehicle center of balance based on axle weights (air movement only). f. Marks center of balance on vehicles IAW Deployment SOP, DOD Directive 4500.9, and UMO's instructions (air movement only). g. Reports gross weights for each deploying vehicle to UMO. h. Disestablishes weighing and marking area. i. Returns vehicle weighing scales IAW UMO or owning facility officials' instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 8. Rail Loading Team OIC/NCOIC supervises rail loading activities (850-001-2000, 850-001-3001). a. Conducts safety briefing for all unit personnel at the rail loading site IAW local procedures. b. Coordinates with UMO for rail loading plans. c. Coordinates with installation UMC to identify special rail loading requirements. d. Verifies the presence of all rail guards by conducting roll call, if required. e. Verifies the presence of manifested vehicles and equipment by conducting physical inventory. f. Inspects vehicles and equipment for military shipping labels, proper markings, and adequacy of BBPCT procedures. g. Provides a cargo manifest to conductor, if required. h. Notifies commander when rail loading is complete. i. Enforces safety procedures IAW TSOP and applicable publications. j. Enforces environmental stewardship protection program procedures. 9. Rail Loading Team performs rail loading (850-001-2000, 850-001-3001). a. Stages vehicles IAW rail loading plan. b. Loads vehicles and equipment on rail cars IAW rail loading plan and UMO's instructions. c. Secures vehicles and equipment IAW rail loading plan and UMO's instructions. d. Notifies Rail Loading Team Chief when rail loading is complete. e. Employs safety procedures IAW TSOP and applicable publications. f. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4803	Perform Pre-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Unit for Non-tactical Move (63-2-4807)
(FM 55-30) (DOD DIR 4500.9) (FM 4-30.3)
(FM 55-65) (FM 55-9)

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

CONDITIONS: The unit receives a movement directive to move to the A/SPOE for deployment to an overseas site. Routes, scheduled halts, and logistics and administrative support are available IAW the Movement Plan. Higher HQ has an advanced party at the A/SPOE and the advance party has conducted a route reconnaissance. The convoy, serial, and march commanders have been designated as appropriate. Security for the move has been coordinated. The Movement Directive, Movement Plan, port call message, load plans, and strip maps are available. Vehicles are loaded and staged for movement in a designated area. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher HQ deployment. The unit has analog and/or digital communications with higher HQ. Preparation for movement is performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit is ready to cross SP NLT time prescribed in movement directive.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. UMO supervises preparation for movement to A/SPOE. a. Coordinates with higher HQ staff personnel to verify Movement Plan information for accuracy using analog and/or digital communications. b. Computes travel time and distance from proposed SP to RP. c. Compares travel time and start time to verify company will arrive at A/SPOE IAW port call message. d. Inspects vehicles and equipment for proper markings and military shipping labels IAW FM 55-9, DOD Directive 4500.9, Movement Plan, and current instructions. e. Notifies higher HQ staff element that unit is ready to move using analog and/or digital communications. f. Briefs commander on preparations for movement.		
2. Unit prepares vehicles and equipment for movement to A/SPOE (551-88N-0002, 091-CLT-4029, 850-001-2000, 850-001-3001). a. Performs before-operations PMCS on all vehicles and equipment. b. Corrects maintenance discrepancies within the operator's capabilities IAW applicable TM. c. Reports all maintenance deficiencies beyond operator's capability to immediate supervisor. d. Corrects loading deficiencies IAW loading plan, if necessary. e. Re-computes vehicle center of balance, if necessary (APOE only). f. Re-marks center of balance on vehicle, if necessary (APOE only). g. Marks vehicles for movement to A/SPOE IAW DOD Directive 4500.9, FM 55-30, Movement Order, and UMO's instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
h. Places military shipping labels on vehicles and equipment IAW Movement Plan and UMO's instructions. i. Employs safety procedures IAW TSOP and applicable publications. * 3. Convoy, Serial, and March commanders and leaders organize convoy for movement to A/SPOE (551-88N-0002, 091-CLT-4029, 850-001-2000, 850-001-3001). a. Assign vehicle positions with the heavier, slower vehicles placed first. b. Assign recovery vehicle(s) positions, where they can move to disabled vehicles without disrupting convoy movement. NOTE: Unit will assign MTS equipped vehicles as control vehicles, if available. c. Assign sufficient number of recovery vehicles and mechanics to trail party element. d. Provide trail maintenance party with minimum quantities of packaged POL supplies and Class IX ASL/PLL parts to support the convoy IAW FM 55-65. e. Provide vehicle position listing with location of all vehicles to the trail party leader. f. Open radio net(s) as specified in the Movement Plan. * 4. Convoy, Serial, and March commanders and leaders conduct pre-movement inspections (551-88N-0002, 850-001-2000, 850-001-3001). a. Inspect personnel and their equipment for compliance with Movement Directive, Movement Plan, and commander's instructions. b. Inspect organizational equipment for accountability and serviceability. c. Inspect vehicles, trailers, and loads for serviceability, proper stowing, and security. d. Forward personnel and equipment status to unit HQ and S2/S3 Section using analog and/or digital communications. * 5. Convoy commander conducts briefings for convoy personnel (551-88N-0002). a. Provides strip maps to each vehicle driver. b. Briefs convoy chain of command. c. Briefs convoy route. d. Prescribes the rate of march and catch-up speeds. e. Briefs vehicle intervals. f. Identifies scheduled halts. g. Briefs safety, accident, and breakdown procedures. h. Identifies location of maintenance support. i. Provides location and identification of destination. j. Briefs arm/hand signals and SOI, including radio frequencies and call signs. 6. Unit prepares to cross SP. a. Stages vehicles for convoy IAW convoy commander's instructions. b. Notifies convoy commander that vehicles are ready to cross SP for convoy to A/SPOE using analog and/or digital communications.		

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

Task Number	Task Title	References
091-CLT-4029	Supervise Preventive Maintenance Checks and Services	STP 21-24-SMCT
551-88N-0002	Prepare for Unit Move	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4806	Prepare Vehicles and Equipment for Deployment	ARTEP 10-469-30-MTP
63-2-4808	Conduct Non-tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Conduct Non-tactical Road March (63-2-4808)
(FM 55-30) (FM 4-30.3)

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

CONDITIONS: Time specified to cross SP for convoy to A/SPOE has arrived. All equipment to be moved by convoy is loaded and vehicles are positioned for departure. The route of march is identified and has been traveled by a reconnaissance party. The convoy, serial, and march commanders have been designated, as applicable. All weight, height, and width restrictions along route of march have been verified. Coordination for rest stops, convoy support facilities, and personnel and maintenance support has been accomplished. A security element has been assigned. RP is within the A/SPOE MA. Convoy operations may be performed during the day or night. Radio and visual signals are used for march column control, as appropriate. The movement plan and deployment OPORD are available. Map and overlays with checkpoints, SP, RP, and critical points are available. Column may conduct halts during movement. Some iterations of this task should be performed in MOPP4.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SP, checkpoints, and RP are crossed at times specified in the movement plan or times adjusted on the road movement table by the convoy commander.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Convoy commander initiates convoy (551-721-4326, 850-001-2000). a. Directs lead vehicle to cross SP at specified time. b. Verifies vehicles have crossed the SP. c. Forwards SP crossing report to S2/S3 section when unit elements have crossed the SP using analog and/or digital communications.		
* 2. Convoy commander reports convoy information to higher HQ staff element (551-721-4326, 850-001-2000). a. Forwards checkpoint(s) clearance report as checkpoints are crossed using analog and/or digital communications. b. Employs current SOI/SSI codes in all transmissions.		
* 3. Convoy commander enforces march discipline (551-721-4326, 850-001-2000, 071-326-0608). a. Places directional guides at all critical intersections along route, if necessary. b. Assumes position(s) along march route that provides command presence at critical turns or other points of decision. c. Enforces all movement policies defined in the movement plan, with emphasis on formation, distances, speeds, passing procedures, and halts. d. Adjusts formation distances and speed consistent with roads and speed limits. e. Enforces security measures to protect equipment and cargo during halts. f. Communicates to unit leaders and operators any violations of march discipline or changes to current orders, using analog and/or digital communications or proper visual signals.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
4. Unit employs march discipline (551-721-4326, 071-326-0608, 551-88N-0005, 113-637-2001). a. Maintains designated march speed specified in movement plan or as prescribed by the convoy commander. b. Maintains proper vehicle interval as specified in movement plan or as adjusted by the convoy, serial, or march commander. c. Obeys vehicle driving regulations and safe driving procedures based on conditions. d. Crosses all checkpoints as scheduled. e. Reacts correctly to convoy, serial, or march commander's arm/hand signals.		
5. Unit conducts scheduled halt(s) (071-326-0608, 551-88N-0005, 113-637-2001). a. Stops column at prescribed time and location. b. Reports scheduled halt to higher HQ staff element, if appropriate, using analog or digital communications. c. Performs during-operation PMCS on vehicles (operators). d. Inspects vehicle loads for safety and security. e. Begins departure at specified time in the movement plan or convoy commander's instructions. f. Reports resumption of march to higher HQ staff element using analog and/or digital communications, if appropriate.		
6. Unit conducts unscheduled halt(s) (551-88N-0005, 551-721-4326, 113-637-2001). a. Alerts march column with prescribed arm/hand signal. b. Reports halt and circumstances to S2/S3 section using analog and/or digital communications, if appropriate. c. Resumes march as soon as reason for halt is rectified. d. Reports resumption of march to higher HQ staff element using analog and/or digital communications, if appropriate.		
7. Trail party recovers disabled vehicle (071-326-0608, 551-88N-0005, 113-637-2001). a. Inspects disabled vehicle for reparability. b. Repairs disabled vehicle, when possible. c. Reports vehicle status to convoy commander using analog and/or digital communications. d. Tows disabled vehicle to applicable maintenance facility or destination based on convoy commander's instructions.		
* 8. Convoy commander monitors unit crossing RP. a. Verifies that lead vehicle has crossed RP at specified time. b. Verifies the vehicles that have crossed RP. c. Forwards SITREP to higher HQ staff element using analog and/or digital communications.		

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

Task Number	Task Title	References
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Net	STP 21-1-SMCT
551-721-4326	Perform Duties as Convoy Commander	STP 21-24-SMCT
551-88N-0005	Operate a Vehicle in a Convoy	STP 21-1-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP
63-2-4806	Prepare Vehicles and Equipment for Deployment	ARTEP 10-469-30-MTP
63-2-4807	Prepare Unit for Non-tactical Move	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Sea Port of Embarkation Activities for Deployment (63-2-4809)
(FM 100-17) (DOD DIR 4500.9) (FM 3-100.4)
(FM 55-65) (TM 55-2200-001-12)

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

CONDITIONS: The unit's vehicles are in the SPOE MA. The commander has designated a unit liaison team, unit SPOE team (driver party) and SPOE team OIC. The commander or SPOE team OIC has notified higher HQ, the supporting installation, and port commander representatives of the unit's arrival. PSA officials have requested unit vehicle operator's assistance in off-loading unit vehicles deployed to the SPOE by rail. The railhead is located in the SPOE AO, and the unit's equipment has arrived. Transportation, maintenance, and logistics support are available. The movement plan, deployment SOP, marshalling area plan, and deployment OPORD are available. The unit has a trained officer and NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher HQ deployment. SPOE activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SPOE activities are performed IAW Movement Plan and higher HQ staff and PSA officials' instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander or SPOE team OIC directs SPOE activities. a. Directs team to perform after-operation PMCS checks of vehicles, upon arrival in the SPOE MA. b. Identifies transportation requirements for return to unit area. c. Coordinates with supporting installation officials for transportation, maintenance, and logistics support, as required. d. Coordinates with PSA officials to verify SPOE movement schedules, procedures, and requirements. e. Briefs team leaders on SPOE movement schedules, procedures, and requirements. f. Briefs UMO on POC for maintenance support. g. Directs team to off-load and inspect equipment arriving by rail. h. Coordinates with PSA to identify number of supercargoes authorized and POC for supercargoes. i. Coordinates with supercargoes to ensure they are prepared for sea movement, to include proper orders and equipment. j. Briefs supercargoes on boarding schedule, responsibilities, and POC during sea movement. k. Conducts acceptance inspection of vehicles, equipment, and cargo with PSA officials. l. Directs team to correct deficiencies noted during PSA acceptance inspection. m. Transfers custody of vehicles, equipment, and cargo to SPOE officials.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
n. Briefs the higher HQ commander or designated representative on status of SPOE activities.		
2. Supercargoes representative performs SPOE activities (850-001-2000, 850-001-3001).		
a. Reports to port commander's representative IAW UMO's instructions.		
b. Performs SPOE activities IAW port commander's instructions.		
c. Coordinates with vessel POC for instructions on responsibilities and accommodations.		
d. Loads baggage IAW instructions from vessel POC.		
e. Boards ship IAW instructions from vessel POC.		
f. Employs safety procedures.		
* 3. UMO coordinates SPOE activities (850-001-2000, 850-001-3001).		
a. Coordinates with PSA officials to verify loading sequence of vehicles and equipment (ship stow plan).		
b. Monitors PSA acceptance inspection of vehicles and cargo to determine deficiencies.		
c. Coordinates with maintenance support POC for disposition of excess fuel, POL products, and maintenance support, as necessary.		
d. Inspects military shipping labels and markings on vehicles and equipment for compliance with deployment SOP and PSA officials' instructions.		
e. Coordinates with PSA officials to correct deficiencies in military shipping labels and markings on vehicles and equipment.		
f. Briefs commander and/or SPOE team OIC on status of SPOE activities.		
* 4. UMO coordinates rail off-loading (850-001-2000, 850-001-3001).		
a. Coordinates with PSA officials and intermediate command UMO for rail off-loading schedule and requirements.		
b. Designates personnel to assist in rail off-loading activities.		
c. Briefs personnel designated to perform rail off-loading activities on schedule and requirements.		
d. Supervises rail off-loading activities.		
e. Assumes custody of equipment deployed by rail by signing appropriate shipping documents.		
f. Notifies SPOE team leaders' equipment deployed by rail has arrived in the MA.		
g. Briefs commander/SPOE team OIC on status of rail off-loading activities.		
5. SPOE team performs rail off-loading operations (850-001-2000, 850-001-3001).		
a. Reports to the railhead IAW UMO's instructions.		
b. Off-loads equipment from railcars IAW PSA officials' instructions.		
c. Moves equipment to SPOE MA IAW PSA officials' instructions.		
d. Employs safety procedures.		
e. Employs environmental stewardship protection program procedures.		
6. SPOE team performs SPOE MA maintenance (850-001-2000, 850-001-3001).		
a. Performs after operation PMCS IAW deployment SOP and appropriate TM.		
b. Notifies supervisor of maintenance problems beyond operator's capability.		
c. Checks vehicles, cargo, and personal gear for completeness, damage, proper markings, and compliance with loading plans.		
d. Conducts final preparation of vehicles and equipment IAW deployment SOP.		
e. Adjusts vehicle fuel levels IAW movement plan and PSA officials' instructions.		
f. Turns in excess fuel and POL products IAW UMO's instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Verifies placement of placards, labels, and certification documents on hazardous material IAW deployment SOP, movement plan, and PSA officials' instructions. h. Corrects deficiencies on vehicles, cargo, and personal gear IAW company leader's instructions. i. Moves to SPOE SA, as directed. j. Employs safety procedures. k. Employs environmental stewardship protection program procedures.		
* 7. SPOE team leaders supervise final preparation of vehicles, equipment, cargo, and personal gear for deployment (850-001-2000, 850-001-3001). a. Inspect military shipping labels and markings on vehicles, cargo and equipment for compliance with deployment SOP, port call message and UMO instructions. b. Inspect vehicles and cargo to ensure deficiencies noted during acceptance inspection have been corrected. c. Coordinate maintenance assistance with commander and/or SPOE team OIC. d. Enforce safety procedures. e. Enforce environmental stewardship protection program procedures.		
8. SPOE team performs final preparation of vehicles, equipment, cargo, and personal gear for deployment (850-001-2000, 850-001-3001). a. Moves vehicles and equipment to SPOE SA, as directed. b. Stages vehicles for loading IAW UMO's and PSA officials' instructions. c. Corrects deficiencies in military shipping labels and markings on vehicles and equipment IAW UMO's instructions. d. Drives vehicles to call forward area, as directed by PSA officials. e. Employs safety procedures. f. Employs environmental stewardship protection program procedures.		
* 9. UMO updates transportation documentation. a. Verifies DEL by conducting physical inspection of equipment. b. Updates DEL, as required. c. Verifies the presence of supercargoes by conducting roll call. d. Updates supercargo manifest, as required.		
10. SPOE Team returns to unit area. a. Assembles personnel for return to unit area IAW SPOE team OIC's instructions. b. Reports to transportation loading area IAW SPOE team OIC's instructions. c. Loads baggage on vehicles IAW SPOE team OIC's instructions. d. Boards transportation to return to unit IAW SPOE team OIC's instructions.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP
63-2-4806	Prepare Vehicles and Equipment for Deployment	ARTEP 10-469-30-MTP
63-2-4807	Prepare Unit for Non-tactical Move	ARTEP 10-469-30-MTP
63-2-4808	Conduct Non-tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Aerial Port of Embarkation Activities for Deployment (63-2-4810)
(FM 55-9) (DOD DIR 4500.9) (FM 100-17)
(FM 3-100.4) (FM 55-10) (TM 38-250)
(TM 55-2200-001-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit arrives at the APOE MA for aerial deployment. Equipment and vehicles not deploying by air have been moved to the SPOE. Equipment TAT by air is present. The ITO or MCA/MCT has a support element at the APOE to assist in APOE activities. Transportation support is available. The deployment SOP, movement plan, port call message, and higher HQ deployment OPORD are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit has analog and digital communications. The unit is deploying as part of a higher HQ deployment. APOE activities are performed under all day or night environmental conditions unless terminated by the DACG.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: APOE activities are performed IAW deployment SOP and movement plan and DACG officials and commander's instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs APOE activities. a. Notifies UMC and DACG officials that the unit has arrived at the APOE using analog and/or digital communications. b. Coordinates with UMC, DACG, and/or supporting installation officials to verify APOE movement schedules, procedures, and requirements using analog and/or digital communications. c. Provides manifest of unit personnel, equipment to accompany troops, and Shipper's Declaration of Dangerous Goods to higher HQ for review by DACG or port MCT. d. Briefs unit on APOE duties and responsibilities based on UMC, DACG, and/or supporting installation officials' instructions. e. Directs unit to conduct final preparation of deploying vehicles and equipment IAW deployment SOP and DOD Directive 4500.9. f. Conducts acceptance inspection of vehicles and equipment with DACG officials at the alert holding area. g. Directs unit to correct deficiencies noted during acceptance inspection. h. Transfers custody of equipment and cargo to DACG officials IAW deployment SOP. i. Briefs the higher HQ commander on status of APOE activities.		
* 2. UMO supervises APOE activities (850-001-2000, 850-001-3001). a. Coordinates with DACG and/or supporting installation officials for transportation, maintenance, logistics, and other support using analog and/or digital communications, as required. b. Coordinates with DACG officials to verify APOE movement schedules, procedures, and requirements using analog and/or digital communications.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Coordinates with S4 representative to ensure adequate shoring, dunnage, and floor protection are on hand and readily available for loading using analog and/or digital communications. d. Verifies unit vehicles, equipment, cargo, and secondary loads are properly marked and prepared for airlift IAW TALCE/DACG instructions. e. Coordinates with DACG to verify loading sequence of vehicles and equipment using analog and/or digital communications. f. Verifies that deficiencies noted during DACG acceptance inspection have been corrected. g. Verifies the presence of all manifested personnel by conducting roll call. h. Provides verified personnel and cargo manifest to DACG at the alert holding area. i. Provides load teams to load and tie down unit equipment under supervision of the DACG or loadmaster.		
* 3. Unit leaders supervise final preparation of vehicles, equipment, cargo, and personal gear for deployment (850-001-2000, 850-001-3001). a. Inspect vehicles, equipment, cargo, and personal gear for completeness, damage, and compliance with loading plans IAW MA plan. b. Inspect vehicles, equipment, cargo, and personal gear for proper marking and documentation IAW MA plan. c. Inspect vehicles and cargo to ensure deficiencies noted during acceptance inspection have been corrected. d. Coordinate with the UMO for maintenance assistance, as required. e. Enforce safety procedures IAW TSOP and applicable publications. f. Enforce environmental stewardship protection program procedures.		
4. Unit performs APOE MA activities (850-001-2000, 850-001-3001). a. Performs after operations PMCS IAW deployment SOP and appropriate TMs. b. Notifies supervisor of maintenance problems beyond operator's capability to repair. c. Conducts final preparation of vehicles and equipment IAW DOD Directive 4500.9 and UMO's instructions. d. Adjusts vehicle fuel levels IAW TM 38-250 and UMO's instructions. e. Turns in excess fuel IAW UMO/NCO's instructions. f. Corrects deficiencies on vehicles, cargo, and personal gear IAW unit leaders' instructions. g. Corrects deficiencies on placement of placards, labels, and certification documents on hazardous material IAW deployment SOP, movement plan, TM 38-250, and UMO's instructions. h. Moves to APOE alert holding area, as directed. i. Employs safety procedures IAW TSOP and applicable publications. j. Employs environmental stewardship protection program procedures.		
5. Unit performs APOE alert holding area activities (850-001-2000, 850-001-3001). a. Corrects deficiencies in shipping documents, markings, custom labels, and decontamination tags on vehicles and equipment IAW deployment SOP and UMO's instructions. b. Drives vehicles to call forward area, as directed.		
6. Unit performs APOE passenger activities (850-001-2000, 850-001-3001). a. Reports to designated location for DACG safety and anti-terrorism briefing IAW UMO's instructions. b. Provides baggage detail, as directed, to load unit baggage on aircraft. c. Completes security screen IAW DACG officials' instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Boards aircraft IAW loadmaster's instructions.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Aerial Port of Debarkation Activities for Deployment (63-2-4811)
(FM 100-17) (FM 3-100.4) (FM 55-10)
(FM 55-65) (FM 55-9) (TM 38-250)

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

CONDITIONS: Aircraft carrying main body lands at the APOD. The battalion has advance party personnel at the APOD to assist the unit in APOD activities. Representatives from the battalion advance party and AACG meet the aircraft. AACG officials have requested that unit personnel assist in offloading vehicles and equipment. The AACG has designated a holding area and an MA for the unit to complete APOD activities. Transportation is available to move the unit to the MA, SPOD, and theater-staging base. The commander has designated an OIC/NCOIC and ERT to travel to the SPOD and receive unit vehicles and equipment deployed by ship. The deployment SOP is available. The unit has analog and/or digital communications with higher HQ. APOD activities are performed under all day or night environmental conditions.
NOTE: The ERT is an ad hoc group of personnel designated by the unit commander to receive the unit's equipment once it arrives at the port.
NOTE: All references to the ERT and SPOD do not apply to the SBCT. Some iterations of this task should be performed in MOPP4.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: APOD activities are performed IAW deployment SOP, AACG officials, and commander's instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander coordinates arrival of personnel. a. Coordinates with battalion advance party and PMCT officials upon arrival for location of holding and MAs, maintenance support, movement, security, and other special APOD requirements. b. Assembles unit in holding area. c. Directs unit leaders to establish security, as required. d. Coordinates with higher HQ representative or PMCT for transportation support to APOD MA, SPOD holding area, and TSB using analog and/or digital communications. e. Coordinates with S2/S3 representative for tactical intelligence, security requirements, and movement schedule using analog and/or digital communications. f. Briefs unit leaders on tactical situation, security requirements, movement schedule, and special APOD requirements. g. Directs unit leaders to establish security IAW S2/S3's instructions. h. Directs unit leaders to prepare unit for movement TSB.		
* 2. UMO supervises unit movement activities at APOD (850-001-2000, 850-001-3001). a. Coordinates with AACG for off-loading and movement schedules using analog and/or digital communications.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Briefs unit leaders on off-loading and movement schedules. c. Provides AACG, supporting installation officials, and S2/S3 representative a copy of DEL. d. Coordinates with S4 representatives for fuel and supplies for road movements. e. Coordinates with S2/S3 representatives for convoy routes, maps, and timetable for road movements to SPOD and TSB. f. Briefs commander on APOD activities.		
* 3. Unit leaders supervise unit activities at APOD (850-001-2000, 850-001-3001). a. Inspect personnel, weapons, sensitive items, and MOPP gear for accountability as they exit aircraft. b. Brief personnel on location of holding and MA, movement requirements, and special APOD requirements. c. Establish security IAW commander's instructions. d. Designate personnel to assist in off-loading aircraft, as required. e. Inspect personnel and personal gear at the holding area and MA to ensure all personnel have arrived with required personal gear and baggage. f. Brief commander on unit activities at APOD. g. Enforce safety procedures IAW TSOP and applicable publications. h. Enforce environmental stewardship protection program procedures.		
4. Unit HQ prepares soldiers for movement to TSB (850-001-2000, 850-001-3001). NOTE: This task step does not apply to the Stryker Brigade. a. Issues individual supplies as needed, such as ammunition, food, water, health, and comfort items. b. Coordinates with the AACG for life support for unit personnel in the transit holding area, as needed. c. Maintains daily personnel accountability.		
5. Main body performs unit activities at the APOD (850-001-2000, 850-001-3001). a. Disembarks aircraft IAW loadmaster's instructions. b. Assembles in APOD holding area, as directed. c. Performs off-loading activities IAW AACG officials and loadmaster's instructions. d. Performs security functions, as directed. e. Moves to APOD MA IAW commander's instructions. f. Performs security functions, as directed. g. Inspects vehicles and equipment to ensure all equipment is off-loaded and serviceable. h. Notifies unit leaders of vehicle and/or equipment deficiencies that cannot be corrected. i. Reconfigures vehicles and cargo for road movement, if necessary. j. Loads baggage on transportation for movement to SPOD holding area (ERT) or TSB (main body), as directed. k. Boards transportation for movement to SPOD holding area or TSB, as directed. l. Fuels vehicles for convoy to TSB, if appropriate. m. Employs safety procedures IAW TSOP and applicable publications. n. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Sea Port of Debarkation Activities for Deployment (63-2-4812)
(FM 55-65) (FM 100-17) (FM 3-100.4)
(FM 3-4) (FM 55-10) (TM 55-2200-001-12)

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

CONDITIONS: Unit equipment and supercargoes have arrived at the SPOD. The commander has designated an OIC/NCOIC to accompany the equipment reception team (ERT) to the SPOD holding area. The ERT has been trained and briefed on duties and responsibilities. The battalion HQ has deployed and the battalion commander and or representatives from the staff are located in the SPOD. A rail loading team chief and rail loading team has been designated and trained. Transportation support is available. Foreign nation or MP security is provided. The PSA has designated an area for equipment to be inventoried and inspected as it is offloaded. Life support is provided at the PSA. Rail and road MA have been designated for the unit to complete SPOD activities and prepare for movement to the TSB. Sufficient railcars and vehicles are available to move the unit to the theater TSB. The unit's main body is located in the TSB. The deployment SOP is available. SPOD activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SPOD activities are performed IAW Deployment SOP and PSA officials and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. OIC/NCOIC of the equipment reception team directs unit activities at the SPOD. a. Coordinates with higher HQ staff personnel and/or PSA and PMCT officials upon arrival for location of holding and MA, maintenance, logistics, and movement support and security, and other special SPOD requirements. b. Coordinates with S4 and/or PSA officials for life support for unit personnel while at the SPOD. c. Identifies amount of PREPO materiel required by the unit, as applicable. d. Assembles equipment reception team in holding area. e. Conducts acceptance inspection with PSA officials. f. Notifies battalion commander and S4 representative of missing or damaged equipment. g. Assumes custody of equipment and cargo IAW S4 representative and PSA officials' instructions. h. Coordinates with S4 representative for transportation support to TSB, if required. i. Coordinates with S2/S3 and MCT for movement schedules to the TSB. j. Verifies arrival, morale, and welfare of supercargoes. k. Reestablishes accountability and responsibility for supercargoes. l. Directs convoy and rail loading parties to proceed to rail loading or road convoy MA IAW S2/S3 and MCT movement instructions. m. Monitors preparation of equipment for road convoy or rail movement to ensure compliance with TSOP. n. Briefs unit leaders on SPOD requirements.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
o. Advises unit commander and battalion representative on SPOD activities, as required.		
* 2. UMO supervises unit activities at SPOD (850-001-2000, 850-001-3001).		
a. Coordinates with S4 representative to identify off-loading schedules, location of holding areas and marshalling areas, location of PREPO vehicles and materiel, availability and location of BBPCT, and other SPOD information, as required		
b. Briefs personnel on off-loading schedules, drawing PREPO vehicles and materiel, special SPOD requirements, and location of MA.		
c. Coordinates with S2/S3 representative to identify equipment, loading times and sites, and unit loading requirements to prepare designated equipment for rail movement to TSB.		
d. Coordinates with S2/S3 representatives for convoy routes, maps, tactical intelligence, and timetable for road move to TSB.		
e. Coordinates with S4 representatives for fuel, ammunition, and supplies for road move to TSB.		
f. Provides rail-loading plan to rail loading team chief.		
g. Monitors rail loading procedures to ensure compliance with MCT's instructions.		
h. Monitors preparation of equipment for road convoy to ensure compliance with TSOP.		
i. Briefs equipment reception party on rail-loading and convoy requirements.		
j. Briefs commander on SPOD activities.		
k. Enforces safety procedures.		
l. Enforces environmental stewardship protection program procedures.		
3. Supercargoes perform SPOD activities (850-001-2000, 850-001-3001).		
a. Disembark ship IAW vessel POC's instructions.		
b. Report to equipment reception team OIC/NCOIC for instructions.		
4. Equipment reception team performs equipment reception activities (850-001-2000, 850-001-3001).		
a. Offloads vehicles IAW PSA officials' instructions.		
b. Inspects equipment to ensure all equipment is operational.		
c. Moves vehicles and materiel from PREPO locations to rail or convoy MAs.		
d. Moves unit vehicles and cargo to SPOD rail or convoy MAs.		
e. Performs before operations PMCS on all vehicles and equipment.		
f. Corrects all vehicle and equipment discrepancies within the operator's capabilities IAW applicable TM.		
g. Reports all deficiencies beyond operator's capability to immediate supervisor.		
h. Reconfigures vehicles and cargo for road movement, if necessary.		
i. Fuels vehicles for convoy to TSB, if appropriate.		
j. Draws weapons, ammunition, and other tactical supplies from S4 representative, if necessary.		
k. Notifies UMO that vehicles are offloaded and operational.		
l. Employs safety procedures.		
m. Employs environmental stewardship protection program procedures.		
* 5. Rail loading team chief supervises rail-loading activities (850-001-2000, 850-001-3001).		
a. Coordinates with UMO for rail-loading plans.		
b. Coordinates with UMO to identify special rail-loading requirements.		
c. Verifies the presence of all rail guards by conducting roll call.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Verifies the presence of manifested vehicles and equipment by conducting physical inventory. e. Provides a copy of the personnel and cargo manifest to conductor. f. Notifies commander when rail loading is completed. g. Enforces safety procedures. 6. Rail loading team performs rail loading (850-001-2000, 850-001-3001). a. Stages vehicles IAW rail-loading plan. b. Loads vehicles and equipment on railcars IAW rail-loading plan and UMO's instructions. c. Secures vehicles and equipment IAW rail-loading plan and UMO's instructions. d. Notifies rail-loading Team Chief when rail loading is completed. e. Employs safety procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Equipment Reception Team for Tactical Road March (63-2-4813)
(FM 100-17) (FM 3-4) (FM 3-5)
(FM 55-30)

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

CONDITIONS: The unit has received a movement order from S2/S3 to move from the SPOD marshalling area to TSB or TAA. The unit's vehicles have been offloaded from ocean going vessels and are operational. The unit performs PMCS and obtains fuel support from the PSA. Movement can occur in a field or MOUT environment. The MCT has provided routes of march and a movement schedule. The S2/S3 has accomplished area reconnaissance and coordination for fire support and medical evacuation support. The higher HQ and unit TSOPs are available. The unit convoy, march, and serial commanders have been designated, as appropriate. Strip maps are provided by higher HQ staff element. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Equipment Reception Team is ready to cross SP NLT time prescribed in movement order. At MOPP level 4, performance degradation factors increase preparation time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Equipment Reception Team prepares vehicles and equipment (071-326-0608, 551-88N-0002, 850-001-2000). a. Removes all unit identification markings on vehicles. b. Covers all reflective surfaces of all vehicles or cargo with available materials. c. Hardens all vehicles using sandbags and/or other authorized materials. d. Places antennas at lowest height. e. Turns radio volume and squelch to lowest operational setting consistent with operational requirements. f. Sets squelch setting "on" and call-light "off" when operating at night. g. Attaches RF tags to vehicles, as available, IAW local directives.		
* 2. Convoy commander and leaders organize convoy (071-326-0608, 071-329-1019, 551-88N-0002, 191-379-4407, 850-001-2000, 551-721-4326). a. Assign vehicle positions with the heavier, slower vehicles placed first. b. Assign control vehicles in convoy without setting a pattern. NOTE: Convoy commander assigns FBCB2 or MTS equipped vehicles as control vehicles, if available. c. Assign recovery vehicle(s) positions where they can move to disabled vehicles without disrupting convoy movement. d. Assign hardened vehicle(s) with crew-served weapons interspersed throughout the convoy. e. Assign passenger locations where all unit personnel have a position and semi-automatic and automatic weapons are alternated throughout the convoy to cover front, rear, and flanks. f. Assign soldiers to air guard duties with specific search sectors covering 360 degrees.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Assign sufficient number of recovery vehicles and mechanics to assign to trail party element. h. Provide vehicle position listing with locations of all vehicles to the trail party leader. i. Open radio net(s) as specified in the movement order.		
* 3. Convoy commander and leaders conduct pre-movement inspections (551-88N-0002, 850-001-2000, 551-721-4326). a. Inspect personnel and their equipment for compliance with commander's guidance, movement order, and TSOP. b. Inspect organizational equipment for accountability and serviceability. c. Inspect vehicles, trailers, and loads for serviceability, proper stowing, and security. d. Forward personnel and equipment status to commander and higher HQ staff element. NOTE: Convoy commander forwards status reports using FBCB2 or MTS , if equipped.		
* 4. Convoy commander conducts briefings for convoy personnel (071-329-1019, 551-88N-0002, 850-001-2000, 551-721-4326). a. Provides analog or digital strip maps to each vehicle driver, as applicable. b. Briefs convoy chain of command. c. Briefs convoy route. d. Prescribes the rate of march and catch-up speeds. e. Briefs vehicle intervals. f. Identifies scheduled halts, to include convoy support centers. g. Briefs safety, accident, and breakdown procedures. h. Briefs immediate action security measures. i. Briefs blackout condition procedures. j. Identifies location of medical support. k. Identifies location of maintenance support. l. Provides location and identification of destination. m. Briefs arm/hand signals. n. Briefs radio frequencies and call signs for control personnel, fire support elements, and medical evacuation support.		
5. Equipment Reception Team prepares to cross SP (071-326-0608, 551-88N-0002, 850-001-2000). a. Positions all vehicles IAW convoy commander's instructions. b. Clears all individual and crew-served weapons. c. Posts air guards in positions designated by convoy commander. d. Posts security guards to maintain 360-degree surveillance. e. Forwards movement readiness report to S2/S3 Section. NOTE: Team leader forwards reports using FBCB2, if equipped.		

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

Task Number	Task Title	References
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
071-329-1019	Use a Map Overlay	STP 21-24-SMCT
191-379-4407	Plan Convoy Security	STP 21-24-SMCT
551-88N-0002	Prepare for Unit Move	STP 21-24-SMCT
551-721-4326	Perform Duties as Convoy Commander	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Re-deployment Human Resources Actions (63-2-4814)

(AR 220-10)	(AR 600-8-1)	(AR 600-8-19)
(AR 600-8-22)	(AR 600-8-24)	(DOD 5030.49-R)
(FM 100-17)	(FM 12-6)	(FM 55-10)

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

CONDITIONS: The unit receives a warning order to re-deploy to home station. The unit is located in the TAA. Some personnel and administrative actions are initiated in the TAA and completed in the RAA. The unit is re-deploying as part of a higher HQ re-deployment. The S1 has provided an SRP schedule to the commander. The S1 has coordinated for ASG contact team support. Transportation to move the unit to the processing center is available. The re-deployment movement plan is available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit has analog and/or digital communications with higher HQ. Preparation activities for re-deployment are performed under all day or night environmental conditions. This task should not be trained in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Re-deployment SRP activities are accomplished IAW re-deployment movement plan, S1 SRP schedule, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs personnel and administrative re-deployment activities. a. Coordinates with S1 to identify personnel and administrative requirements for re-deployment using analog and/or digital communications. b. Designates higher HQ advance party representatives and SPOE Team. c. Briefs unit leaders on personnel and administrative requirements for re-deployment. d. Provides personnel and administrative processing schedule to unit HQ. e. Directs the unit HQ to develop a unit personnel and administrative processing schedule. f. Forwards list of personnel unable to re-deploy to S1 Section using analog and/or digital communications. g. Forwards list of personnel re-deploying as individuals using analog and/or digital communications. h. Directs personnel to complete personnel and administrative requirements for re-deployment. i. Approves or disapproves award and decoration recommendations, as appropriate. j. Coordinates with S1 for personnel and administrative support using analog and/or digital communications, as required. k. Briefs higher HQ commander on status of personnel and administrative actions.		
2. Unit HQ supervises re-deployment personnel and administrative actions (805C-PAD-2461, 850-001-2000, 805C-PAD-2402). a. Develops unit personnel and administrative processing schedule based on the re-deployment movement plan, S1 SRP schedule processing, and commander's guidance.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Distributes unit personnel and administrative processing schedule to platoons and sections. c. Monitors personnel and administrative processing to ensure personnel complete actions IAW schedule. d. Verifies that re-deployment records are updated prior to soldier's departure from theater.		
3. Unit HQ performs personnel re-deployment processing functions (805C-PAD-2461, 850-001-2000, 805C-PAD-2402). a. Identifies COA for soldiers not eligible for re-deployment, to include temporary gaining command, transfer procedures, and administrative requirements. b. Provides list of soldiers' eligible for re-deployment and those scheduled to return as individuals. c. Provides re-deploying soldiers medical, dental, and personnel records for re-deployment processing. d. Provides necessary forms to unit personnel for re-deployment processing. e. Dispatches all soldiers' updated records back to the unit's home station before the soldier departs. f. Sends records to home station using means of transportation different from that of the soldiers'. g. Completes personnel and administrative requirements for deployment IAW higher HQ directives. h. Prepares tentative passenger manifest. i. Processes recommendations for decorations and awards IAW commander's instructions. j. Coordinates with the S1 Section for personnel and administrative support using analog and/or digital communications, as required. k. Inputs status changes and other actions to pay and personnel systems. l. Coordinates with the S1 Section for personnel and administrative support using analog and/or digital communications, as required. m. Briefs commander on personnel and administrative actions, as required.		
* 4. Unit leaders supervise personnel and administrative actions (805C-PAD-2461, 850-001-2000, 805C-PAD-2402, and 805C-PAD-2044). a. Direct personnel to complete personnel and administrative actions, as required. b. Monitor personnel and administrative processing to ensure personnel complete actions IAW schedule. c. Submit performance reports, award and decoration recommendations, and other personnel actions to the commander for approval/certification, as required. d. Coordinate with unit HQ for personnel and administrative support, as required. e. Submit records and reports to unit HQ IAW the Re-deployment Movement Plan and commander's instructions using analog and/or digital communications. f. Brief commander on personnel and administrative actions. g. Brief personnel on personnel and administrative 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.

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
805C-PAD-2044	Recommend Individual for Award	STP 21-24-SMCT
805C-PAD-2402	Provide Input on Personnel Actions Affecting Subordinates	STP 21-24-SMCT
805C-PAD-2461	Maintain Accountability of Personnel	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Re-deployment Training Activities (63-2-4815)
(FM 100-17) (AR 220-10) (AR 350-1)
(AR 350-41) (DOD 5030.49-R)

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

CONDITIONS: The unit is preparing for re-deployment to home station. Sufficient time exists for the unit to conduct re-deployment training. Training support is available to train unit personnel in customs and USDA clearance procedures, and other training requirements in support of follow on missions. Training is conducted in the TAA and/or RAA. The commander has designated a training officer and NCO. The Re-deployment Movement Plan, higher HQ Re-deployment OPORD, and training records are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is re-deploying as part of a higher HQ re-deployment. The unit has analog and/or digital communications with higher HQ. Re-deployment training activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Re-deployment training is accomplished IAW the training schedule and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs re-deployment training activities. a. Identifies re-deployment training requirements by reviewing the Re-deployment Movement Plan and higher HQ Re-deployment OPORD and in coordination with the higher HQ staff personnel. b. Directs training officer to develop a unit training schedule to correct training deficiencies. c. Designates personnel to receive re-deployment training. d. Briefs higher HQ commander on status of re-deployment training. e. Completes verification statement and checklists indicating the status of the unit.		
* 2. Training Officer/NCO supervises re-deployment training activities (850-001-2000). a. Develops training schedule based on Re-deployment OPORD, specialized training requirements identified by higher HQ, and commander's guidance, such as customs, USDA requirements, weapons control, and stress management. b. Coordinates with S2/S3 for training support using analog and/or digital communications, as required. c. Provides training schedule to S2/S3 Section and unit leaders, as appropriate. d. Provides stress control and family support reorientation briefings IAW higher HQ directives. e. Monitors training to ensure appropriate training are provided to personnel. f. Briefs commander on status of re-deployment training.		
* 3. Unit leaders perform re-deployment training activities. a. Coordinate with UMO for required training support.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Conduct training IAW training schedule, if required. c. Annotate training results on individual and team training records.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Re-deployment Supply Activities (63-2-4816)

(AR 710-2)	(AR 220-10)	(AR 700-84)
(AR 735-5)	(DOD 5030.49-R)	(FM 100-17)
(FM 3-100.4)		

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is preparing for re-deployment to home station. Vehicles, equipment, and supplies are available for reconstitution of re-deploying units. Re-deployment supply activities are accomplished in the TAA and RAA. The TSOP, Re-deployment Movement Plan, and higher HQ Re-deployment OPORD are available. The unit is re-deploying as part of a higher HQ deployment. The unit has analog and/or digital communications with higher HQ. Re-deployment supply activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Re-deployment supply activities are accomplished IAW the Re-deployment Movement Plan, TSOP, higher HQ Re-deployment OPORD, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs re-deployment supply activities. a. Identifies vehicles and equipment to be left in theater. b. Identifies vehicles and equipment required to reconstitute the unit before or after re-deployment. c. Coordinates with S4 for issue of vehicles, equipment, and supplies required to reconstitute the unit. d. Identifies supplies and equipment needed to re-deploy to home station by reviewing the Re-deployment Movement Plan, Re-deployment OPORD, and coordination with S4. e. Directs unit leaders to turn in vehicles, ammunition, supplies, and equipment to be left in country. f. Directs unit leaders to provide supply and equipment requests to supply section. g. Directs supply section to turn-in excess supplies and equipment IAW TSOP and S4 Section's instructions. h. Inspects area and facilities to ensure excess vehicles, equipment, and supplies have been turned in. i. Briefs higher HQ commander and the higher HQ staff personnel on supply status, as required.		
2. Unit elements perform re-deployment supply activities (850-001-2000, 101-92Y-0004, 101-92Y-0005). a. Identify shortages of vehicles, supplies, and equipment by conducting inventories and reviewing DEL. b. Identify shortages of clothing and personal equipment by inventorying OCIE. c. Submit requests for vehicles, supplies, and equipment to supply section IAW TSOP and commander's instructions using analog and/or digital communications.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Employ safety procedures IAW TSOP and applicable publications. e. Employ environmental stewardship protection program procedures. 3. Unit HQ provides supply support (850-001-2000, 101-92Y-0004, 101-92Y-0005, 101-92Y-0001). a. Provides a copy of the DEL to platoons and sections, as required. b. Submits request for supplies and equipment to S4 Section IAW TSOP using analog and/or digital communications. c. Coordinates with S4 Section to resolve, cancel or validate outstanding requisitions using analog and/or digital communications. d. Submits changes of the "ship to" address to reflect home station address for all outstanding requisitions. e. Coordinates with commander or S4 Section for transportation and MHE support to turn in, pick up, issue, and/or pack ammunition, equipment, and supplies using analog and/or digital communications, if necessary. f. Coordinates with S4 for customs and USDA inspection schedule and procedures using analog and/or digital communications. g. Inspects issued vehicles and equipment for serviceability and completeness. h. Issues vehicles, equipment, and supplies to appropriate platoons/sections IAW TSOP and commander's instructions. i. Secures un-issued supplies and equipment IAW TSOP. j. Turns in equipment, supplies, and hazardous material to designated facility, as appropriate. k. Briefs commander on supply 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

Task Number	Task Title	References
101-92Y-0001	Supervise Supply Activities	STP 21-24-SMCT
101-92Y-0004	Enforce Property Accountability Policies	STP 21-24-SMCT
101-92Y-0005	Enforce Compliance with Property Accountability Policies	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Re-deployment Maintenance Activities (63-2-4817)

(DA PAMPHLET 738-750)	(AR 220-1)	(AR 700-138)
(AR 700-93)	(AR 750-1)	(DA PAM 750-1)
(DOD 5030.49-R)	(FM 100-17)	(FM 3-100.4)
(FM 4-30.3)		

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

CONDITIONS: The unit is preparing for re-deployment to home station. The commander has designated a motor officer. Required tools, equipment, repair parts, and personnel are available. MSTs are available in the TAA and RAA. The Maintenance SOP is available. The unit is re-deploying as part of a higher HQ re-deployment. The unit has analog and digital communications with higher HQ. Re-deployment maintenance is performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Re-deployment maintenance is accomplished IAW the Maintenance SOP and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs re-deployment maintenance activities. a. Identifies re-deployment maintenance requirements IAW TA guidance. b. Monitors maintenance activities for compliance with the Maintenance SOP and commander's guidance. c. Approves the use of controlled exchange when required repair parts are not available. d. Checks MCSR for accuracy and completeness. e. Forwards MCSR to the S4 Section using analog and/or digital communications. f. Coordinates with S4 for maintenance support using analog and/or digital communications, as required. g. Prioritizes repair of vehicles and equipment. h. Enforces safety procedures IAW TSOP and applicable publications. i. Enforces environmental stewardship protection program procedures.		
* 2. Motor officer and/or motor sergeant supervise re-deployment maintenance activities (091-CLT-3009, 850-001-2000). a. Identify unit operational readiness levels by reviewing vehicle and equipment status reports, PMCS, and re-deployment maintenance checks. b. Prepare MCSR IAW AR 220-1 and AR 700-138. c. Submit current MCSR to commander. d. Submit request for CRTs to commander, as required. e. Submit request for controlled exchanges to commander for approval. f. Designate unit maintenance personnel to assist MSTs IAW Maintenance SOP, S4 Section, and commander's instructions. g. Direct calibration of tools, if required. h. Verify PLL inventory by conducting spot checks. i. Verify completion of repairs by reviewing maintenance records.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
j. Coordinate with S4 Section to identify status of vehicles and equipment in support maintenance using analog and/or digital communications. k. Coordinate with S4 Section for disposition instructions for non-repairable vehicles using analog and/or digital communications. l. Brief the commander on maintenance status of vehicles and equipment, as required. m. Issue and/or reissue military drivers and equipment licenses to unit personnel, as needed. n. Enforce safety procedures IAW TSOP and applicable publications. o. Enforce environmental stewardship protection program procedures.		
3. Unit HQ performs organizational maintenance activities (091-CLT-4029, 850-001-2000). a. Calibrates tools, as required. b. Inspects equipment IAW appropriate operator and organizational maintenance TMs. c. Records all deficiencies on equipment inspection worksheets. d. Corrects unit-level maintenance deficiencies. e. Forwards requests for DS maintenance to supporting maintenance facility using analog and/or digital communications. f. Requests required repair parts from PLL clerk. g. Repairs equipment IAW applicable TM(s). h. Requests approval for controlled exchange through motor officer when required repair parts are not available. i. Performs controlled exchange IAW the motor officer or sergeant instructions. j. Performs final inspection to ensure quality control of repairs. k. Conducts inventory of PLL to confirm shortages IAW PLL listing. l. Submits request for PLL replenishment to motor sergeant, as required. m. Performs technical inspections of replacement equipment IAW appropriate TMs and manufacturer's instructions. n. Releases equipment to appropriate platoon or section. o. Employs safety procedures IAW TSOP and applicable publications. p. Employs environmental stewardship procedures.		
4. Unit HQ conducts transactions with CRTs (850-001-2000). a. Identifies vehicles and equipment that require CRT support. b. Prepares required documentation for submission to CRT. c. Delivers vehicles and equipment to CRT. d. Picks up equipment from CRT upon notification repairs are completed. e. Notifies owning element to pick up vehicles and equipment.		
* 5. Unit leaders supervise re-deployment operator maintenance activities (091-CLT-4029, 850-001-2000). a. Monitor performance of PMCS and re-deployment maintenance for compliance with the Re-deployment Movement Plan, Maintenance SOP, appropriate TM, and commander's guidance. b. Inspect vehicles, weapons, and equipment to ensure compliance with Maintenance SOP, appropriate TMs, and commander's guidance. c. Provide input for MCSR to motor officer, as required. d. Enforce safety procedures IAW TSOP and applicable publications. e. Enforce environmental stewardship protection program procedures.		
6. Unit performs re-deployment operator maintenance. a. Performs PMCS IAW appropriate TM(s). b. Notifies supervisor of maintenance problems beyond operator's capabilities.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Employs safety procedures IAW TSOP and applicable publications. d. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
091-CLT-3009	Supervise Maintenance Operations	STP 21-24-SMCT
091-CLT-4029	Supervise Preventive Maintenance Checks and Services	STP 21-24-SMCTewew
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4818	Prepare Vehicles and Equipment for Re-deployment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Vehicles and Equipment for Re-deployment (63-2-4818)
(FM 100-17) (AR 220-10) (DOD DIR 4500.9)
(FM 3-100.4) (FM 55-30) (FM 55-9)
(TM 55-2200-001-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit receives a movement directive to re-deploy to home station. Preparation of vehicles and equipment for re-deployment is performed in the TAA and/or RAA and A/SPOE unit MA. A railhead is available. All personnel are present and have been trained on requirements for preparing vehicles and equipment for re-deployment. Packing and crating, weighing and loading, vehicle and equipment cleaning, and rail loading teams have been designated and trained. Transportation support, railcars, weighing scales, packing materials, MHE, shipping containers, inserts, pallets, and other equipment preparation and loading materials are available. The movement directive, re-deployment movement plan, and higher HQ re-deployment OPORD are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit has analog and/or digital communications with higher HQ. The unit is re-deploying as part of a higher HQ re-deployment. Equipment preparation is performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Vehicles and equipment are prepared for re-deployment and loaded for movement to A/SPOE IAW the re-deployment movement plan and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs vehicle and equipment preparation activities. a. Identifies equipment and supplies to be re-deployed based on movement directive, DEL, movement plan, re-deployment OPORD, and commander's guidance. b. Identifies personnel, equipment, and vehicles scheduled to move to the A/SPOE by road or rail by reviewing movement plan and higher HQ commander or S2/S3's guidance. c. Designates a unit MA. d. Coordinates with S2/S3 for USDA and customs contact team support using analog and/or digital communications. e. Coordinates with S4 for transportation support to A/SPOE using analog and/or digital communications, if necessary. f. Inspects area to ensure all excess vehicles, equipment and supplies has been turned-in. g. Notifies S2/S3 when vehicles and containers are loaded and ready to move using analog and/or digital communications. h. Enforces safety procedures IAW TSOP and publications. i. Monitors environmental stewardship protection program procedures.		
* 2. UMO supervises vehicle and equipment preparation activities (850-001-2000, 101-92Y-0006). a. Coordinates with MCA/MCT TC-ACCIS site for DEL, military shipping labels, and documents.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
NOTE: If the unit did not deploy with a DEL produced by TC-ACCIS, a DEL will be generated based on the unit property book and vehicle and secondary load lists. b. Updates AUEL to reflect vehicles, equipment, and supplies to be re-deployed based on physical inventory, operational status, and commander's guidance. c. Updates AUEL to reflect actual weights based on results of weighing. d. Inputs updated AUEL into the MCA/MCT TC-ACCIS station. e. Provides MCA/MCT and/or S4 section with information on oversize and overweight vehicles, equipment, and cargo requiring special handling using analog and/or digital communications, as required. f. Coordinates with TC-ACCIS site for DEL, BBPCT material requirements lists, vehicle/rail loading plans and schedules, special hauling permit requests, military shipping labels, and convoy clearance requests produced by TC-ACCIS using analog and/or digital communications. g. Coordinates with S4 section for packing materials, weighing scales, MHE, containers, inserts, pallets, and other equipment preparation and loading materials using analog and/or digital communications, as required. h. Coordinates with S4 section for RF tags for sensitive/classified cargo using analog and/or digital communications, as required. i. Coordinates with USDA and customs contact team leaders for vehicle and equipment packing, loading, and cleaning instructions early in the preparation process using analog and/or digital communications. j. Provides unit leaders with a cleaning schedule for vehicles and equipment. k. Provides unit leaders with re-deployment forms, shipping labels, and documents, as required. l. Coordinates container pick-up with S4 section using analog and/or digital communications. m. Provides special instructions to packing and crating teams, if necessary. n. Provides container packing schedule to unit leaders and customs contact team. o. Identifies transportation support requirements by reviewing re-deployment movement plan and current vehicle status reports. p. Coordinates with S4 section for movement of vehicles and equipment to rail-loading site using analog and/or digital communications. q. Provides rail-loading plan to rail-loading team chief. r. Provides rail loading team proper tools to conduct rail-loadout. s. Coordinates with S4 or MCA/MCT officials for port call message and verification of re-deployment movement plan A/SPOE requirements and procedures using analog and/or digital communications. t. Briefs commander on status of preparation of vehicles and equipment for deployment. u. Enforces safety procedures IAW TSOP and publications. v. Enforces environmental stewardship protection program procedures.		
* 3. Unit leaders supervise preparation of unit elements for re-deployment. a. Verify that adequate space has been allowed for personal items and secondary loads by reviewing loading plans. b. Revise loading plans, as required. c. Monitor packing and loading for compliance with the re-deployment movement plan and UMO and customs officials' instructions. d. Direct personnel to deliver vehicles and equipment to the vehicle and equipment cleaning site IAW UMO's instructions. e. Monitor vehicle and equipment cleaning operations to ensure vehicles and equipment are cleaned IAW the re-deployment movement plan and USDA officials' instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Inspect area to ensure all equipment to be re-deployed has been packed and/or loaded. g. Inspect area to ensure all excess vehicles, equipment, and supplies has been turned in. h. Inspect internal loads to ensure loads are secure and in compliance with loading plans. i. Notify UMO of any load plan revisions. j. Enforce safety procedures IAW TSOP and publications. k. Enforce environmental stewardship protection program procedures.		
* 4. UMO maintains an up-to-date AUEL. a. Conducts physical inventory of vehicles and equipment to be re-deployed to verify accuracy of AUEL. b. Revises AUEL, as required. c. Submits AUEL changes to MCA/MCT TC-ACCIS site, if necessary.		
5. Packing and crating teams prepare equipment for re-deployment (850-001-2000, 101-92Y-0006). a. Pack containers IAW loading plans, DEL, and UMO and USDA and customs officials' instructions. b. Pack hazardous materials IAW the re-deployment movement plan and UMO, USDA, and customs officials' instructions. c. Prepare container packing lists and shipping documents IAW UMO's instructions. d. Distribute container packing lists and shipping documents IAW UMO and USDA and customs officials' instructions. e. Mark containers IAW the Re-deployment Movement Plan, UMO, USDA, and customs officials' instructions. f. Assist container pick-up crew in loading operations, as required. g. Employ safety procedures IAW TSOP and publications. h. Employ environmental stewardship protection program procedures.		
6. Vehicle and equipment cleaning team clean vehicles and equipment for re-deployment (850-001-2000, 101-92Y-0006). a. Guides vehicles into cleaning site, as directed by cleaning site officials. b. Clean vehicles and equipment IAW and USDA officials' instructions. c. Reports completion of vehicle and equipment cleaning operations to UMO. d. Employs safety procedures IAW TSOP and publications. e. Employs environmental stewardship protection program procedures.		
7. Unit prepares vehicles, equipment and personal gear for re-deployment (850-001-2000, 101-92Y-0006). a. Turns in excess vehicles, equipment, and supplies to supply sergeant. b. Packs personal gear IAW movement plan and customs officials' instructions. c. Marks and/or tags personal gear and equipment IAW the re-deployment movement plan and UMO and customs officials' instructions. d. Moves equipment to be packed in containers to the container packing area IAW UMO's instructions. e. Loads vehicles IAW the re-deployment movement plan, loading plans and UMO and customs officials' instructions. f. Places RF tags on sensitive/classified cargo and/or vehicles as directed by higher HQ. g. Delivers vehicles and equipment to the vehicle and equipment-cleaning site, as directed. h. Moves vehicles to unit MA, as directed.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
i. Employs safety procedures IAW TSOP and publications. j. Employs environmental stewardship protection program procedures.		
8. Weighing and Marking Team weigh and mark vehicles for deployment (850-001-2000). a. Sets up weighing and marking area in designated area IAW commander's instructions. b. Guides vehicles onto scales as they arrive. c. Identifies vehicle gross weight. d. Identifies vehicle axle weights (air movement only). e. Computes vehicle center of balance based on axle weights (air movement only). f. Marks center of balance on vehicles IAW DOD Directive 4500.9, and UMO's instructions (air movement only). g. Reports gross weights for each deploying vehicle to UMO. h. Disestablishes weighing and marking area. i. Returns vehicle-weighing scales IAW owning facility or UMO's instructions.		
9. Unit prepares vehicles and equipment for movement to A/SPOE (850-001-2000). a. Stages vehicles for convoy to A/SPOE or rail loading site IAW UMO's instructions. b. Corrects loading deficiencies IAW loading plan, if necessary. c. Re-computes center of balance, if necessary (air movement only). d. Re-marks center of balance on vehicles, if necessary (air movement only). e. Marks vehicles for movement to A/SPOE IAW FM 55-30, UMO, USDA, and customs officials' instructions. f. Places military shipping labels on vehicles and equipment IAW UMO's instructions. g. Moves designated vehicles and equipment to the rail loading site IAW movement plan and UMO's instructions. h. Prepares convoy for movement to A/SPOE. NOTE: Depending on tactical situation, see task steps 2 through 5 of Task 63-2-4808 (Conduct Non-tactical Road March) or Task 63-2-4003 (Conduct Tactical Road March) for detailed convoy preparation procedures. i. Notifies UMO that vehicles are ready to cross SP for convoy to A/SPOE.		
*10. Rail Loading Team OIC/NCOIC supervises rail-loading activities (850-001-2000). a. Conducts safety briefing for unit personnel at the rail loading site IAW governing regulations and local procedures. b. Coordinates with UMO for rail-loading plans. c. Coordinates with UMO to identify special rail-loading requirements. d. Verifies the presence of rail guards by conducting roll call, if required. e. Verifies the presence of manifested vehicles and equipment by conducting physical inventory. f. Provides cargo manifest to conductor. g. Inspects vehicles and equipment for military shipping labels and proper markings. h. Notifies commander when rail loading is complete, if required. i. Enforces safety procedures IAW TSOP and publications. j. Enforces environmental stewardship protection program procedures.		
11. Rail loading team performs rail loading. a. Stages vehicles IAW rail-loading plan. b. Loads vehicles and equipment on railcars IAW rail-loading plan and UMO's instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Secures vehicles and equipment IAW rail loading plan and UMO's instructions. d. Notifies rail-loading team OIC/NCOIC when rail-loading is complete. e. Employs safety procedures IAW TSOP and publications. f. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-92Y-0006	Inspect Equipment for Accountability, Cleanliness, and Serviceability	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4829	Plan Unit Re-deployment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Sea Port of Embarkation Activities for Re-deployment (63-2-4819)
(FM 100-17) (AR 220-10) (AR 700-93)
(FM 3-100.4) (FM 4-30.3) (TM 38-250)
(TM 55-2200-001-12)

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

CONDITIONS: The unit's equipment arrives at the SPOE MA. The commander has designated a unit SPOE Team and SPOE team OIC. The unit has analog and/or digital communications with higher HQ. Higher HQ has an advance party at the SPOE to assist in coordinating SPOE activities. Commercial support is not available. The commander or SPOE team OIC has notified higher HQ and PSA officials of the unit's arrival. PSA officials have requested unit vehicle operator's assistance in offloading unit vehicles deployed to the SPOE by rail. The railhead is located in the SPOE AO. Transportation, maintenance, logistics, and equipment cleaning support are available. US Customs and USDA clearances are required. A SPOE sterile area has been designated. The re-deployment movement plan and re-deployment OPORD are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is re-deploying as part of a higher HQ deployment. A Theater Support Command is in place and has assumed overall responsibility for all logistics in the theater, to include port operations. SPOE activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SPOE activities are performed IAW the re-deployment movement plan and higher HQ staff and PSA officials' instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander or SPOE team OIC/NCOIC directs SPOE activities (850-001-2000). a. Directs team to perform after-operation PMCS of vehicles. b. Identifies transportation requirements for return to unit area. c. Coordinates with supporting TSC unit for transportation, maintenance, and logistics support using analog and/or digital communications, as required. d. Coordinates with PSA officials to verify SPOE movement schedules, procedures, safety guidelines, and requirements using analog and/or digital communications. e. Briefs team leaders on SPOE movement schedules, procedures, safety guidelines, and requirements. f. Directs team to off-load and inspect equipment arriving by rail. g. Coordinates with PSA to identify number of supercargoes authorized and POC for supercargoes using analog and/or digital communications. h. Coordinates with supercargoes to ensure they are prepared for re-deployment by sea movement, to include proper orders and equipment. i. Briefs supercargoes on boarding schedule, responsibilities, and POC during sea movement. j. Conducts acceptance inspection of vehicles, equipment, and cargo with PSA officials. k. Directs team to correct deficiencies noted during PSA acceptance inspection. l. Transfers custody of vehicles, equipment, and cargo to SPOE officials.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
m. Briefs the higher HQ commander or designated representative on status of SPOE activities.		
2. Supercargoes representative performs SPOE activities (850-001-2000).		
a. Reports to port commander's representative IAW UMO's instructions.		
b. Performs SPOE activities IAW port commander's instructions.		
c. Coordinates with vessel POC for instructions on responsibilities and accommodations.		
d. Reports to the customs inspection site IAW port commander's instructions.		
e. Loads baggage IAW instructions from vessel POC.		
f. Boards ship IAW instructions from vessel POC.		
* 3. UMO coordinates SPOE activities (850-001-2000).		
a. Coordinates with PSA officials to verify loading sequence of vehicles and equipment (ship stow plan).		
b. Monitors PSA acceptance inspection of vehicles and cargo to identify deficiencies.		
c. Coordinates with maintenance support POC for disposition of excess fuel and POL products and maintenance support, as necessary.		
d. Coordinates with PSA officials for vehicle cleaning support and location of SPOE sterile area.		
e. Inspects shipping documents and labels, markings, customs labels, and decontamination tags on vehicles and equipment for compliance with MCA/MCT, customs, USDA officials' instructions, and TM 38-250 instructions.		
f. Coordinates with MCA/MCT, USDA, and/or customs officials to correct deficiencies in shipping documents and labels, customs labels, and decontamination tags.		
g. Briefs commander and/or SPOE team OIC on status of SPOE activities.		
h. Enforces safety procedures IAW TSOP and publications.		
i. Enforces environmental stewardship protection program procedures.		
* 4. UMO coordinates rail off-loading (850-001-2000).		
a. Coordinates with PSA officials for rail off-loading schedule and requirements.		
b. Designates personnel to assist in rail off-loading activities.		
c. Briefs personnel designated to assist in rail off-loading activities on schedule and requirements.		
d. Supervises rail off-loading activities.		
e. Assumes custody of equipment deployed by rail by signing appropriate shipping documents.		
f. Notifies SPOE team leaders' equipment deployed by rail has arrived in the MA.		
g. Briefs commander and/or SPOE team OIC on status of rail off-loading activities.		
h. Enforces safety procedures IAW TSOP and publications.		
i. Enforces environmental stewardship protection program procedures.		
5. SPOE Team performs rail off-loading operations (850-001-2000).		
a. Reports to the railhead IAW UMO's instructions.		
b. Offloads equipment from railcars IAW PSA officials' instructions.		
c. Moves equipment to SPOE MA IAW PSA officials' instructions.		
d. Employs safety procedures IAW TSOP and publications.		
e. Employs environmental stewardship protection program procedures.		
6. SPOE Team performs SPOE MA maintenance (850-001-2000).		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Performs after-operations PMCS IAW the re-deployment movement plan and appropriate TMs. b. Notifies supervisor of maintenance problems beyond operator's capability. c. Checks vehicles, cargo, and personal gear for completeness, damage, proper markings, contraband, and compliance with loading plans. d. Conducts final preparation of vehicles and equipment IAW the re-deployment movement plan. e. Adjusts vehicle fuel levels IAW port call message and PSA officials and UMO's instructions. f. Turns in excess fuel and POL products IAW UMO's instructions. g. Verifies placement of placards, labels, and certification documents on hazardous material IAW PSA officials and UMO's instructions. h. Corrects deficiencies on vehicles, cargo, and personal gear IAW SPOE team leader's instructions. i. Moves to SPOE vehicle and equipment cleaning site, as directed. j. Employs safety procedures IAW with TSOP and publications. k. Employs environmental stewardship protection program procedures.		
7. SPOE team performs USDA cleaning activities (850-001-2000). a. Performs vehicle cleaning IAW instructions from cleaning site personnel. b. Corrects USDA inspection deficiencies IAW USDA officials' instructions. c. Moves vehicles and equipment to designated sterile area IAW unit leader's instructions. d. Employs safety procedures IAW TSOP and publications. e. Employs environmental stewardship protection program procedures.		
* 8. SPOE team leaders supervise final preparation of vehicles, equipment, cargo, and personal gear for re-deployment by sealift (850-001-2000). a. Inspect military shipping labels, markings, customs labels, and decontamination tags on vehicles and equipment for compliance with re-deployment SOP, port call message, and UMO's instructions. b. Monitor customs inspection to ensure that deficiencies are corrected. c. Inspect vehicles and cargo to ensure deficiencies noted during acceptance inspection have been corrected. d. Coordinate maintenance assistance with Commander and/or SPOE team OIC. e. Enforce safety procedures. f. Enforce environmental stewardship protection program procedures.		
9. SPOE team performs final preparation of vehicles, equipment, cargo, and personal gear for re-deployment (850-001-2000). a. Moves vehicles and equipment to SPOE SA, as directed. b. Stages vehicles for loading IAW UMO and PSA officials' instructions. c. Corrects deficiencies in shipping documents, markings, customs labels, and decontamination tags on vehicles and equipment IAW UMO and PSA officials' instructions. d. Corrects deficiencies noted during customs inspection. e. Drives vehicles, as directed by PSA officials, to call forward area. f. Employs safety procedures IAW TSOP and publications. g. Employs environmental stewardship protection program procedures.		
*10. UMO updates transportation documentation. a. Verifies DEL by conducting physical inspection of equipment. b. Updates DEL, as required. c. Verifies the presence of supercargoes by conducting roll call. d. Updates supercargo manifest, as required.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Provides changes to DEL and supercargo manifest to PSA officials, as required. 11. SPOE team returns to unit area. a. Assembles personnel for return to unit area IAW commander or SPOE team OIC's instructions. b. Reports to transportation loading area IAW SPOE team OIC's instructions. c. Loads baggage on vehicles IAW SPOE team OIC's instructions. d. Boards transportation to return to unit IAW SPOE team OIC's instructions.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4814	Perform Re-deployment Human Resources Actions	ARTEP 10-469-30-MTP
63-2-4815	Perform Re-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4816	Perform Re-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4817	Perform Re-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Aerial Port of Embarkation Activities for Re-deployment (63-2-4820)
(FM 100-17) (AR 220-10) (AR 700-93)
(DOD DIR 4500.9) (FM 3-100.4) (TM 38-250)

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

CONDITIONS: The unit arrives at the APOE MA for aerial re-deployment. The higher HQ has an advance party at the APOE to assist in coordinating APOE activities. Transportation support is available. The Re-deployment Movement Plan and port call message are available. The unit has analog and/or digital communications with higher HQ. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is re-deploying as part of higher HQ re-deployment. A TSC is in place and has assumed overall responsibility for all logistics operations in the theater, to include port operations. APOE activities are performed under all day or night environmental conditions unless terminated by the DACG.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: APOE activities are performed IAW the Re-deployment Movement Plan and DACG officials' instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs APOE activities. a. Notifies higher HQ advance party OIC and/or DACG representative that the unit has arrived at the APOE using analog and/or digital communications. b. Coordinates with S2/S3, PMCT, DACG, and/or TSC officials to verify APOE movement schedules, procedures, and requirements using analog and/or digital communications. c. Provides manifest of unit personnel and shipper's declaration of dangerous goods to higher HQ for review by DACG or PMCT. d. Briefs unit on APOE duties and responsibilities, to include reverse manifesting schedule, customs requirements, and transportation of personnel and baggage. e. Directs unit to conduct final preparation of vehicles and equipment IAW the Re-deployment Movement Plan and DOD Directive 4500.9. f. Conducts acceptance inspection of vehicles and equipment with DACG officials at the alert holding area. g. Directs unit to correct deficiencies noted during acceptance inspection. h. Transfers custody of equipment and cargo to DACG officials IAW DOD 4500.9-R. i. Briefs the higher HQ commander or designated representative on status of APOE activities.		
* 2. UMO/NCO supervises APOE activities (850-001-2000). a. Coordinates with S4 and/or DACG officials for transportation, maintenance, logistics, and other support using analog and/or digital communications, as required.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Coordinates with S2/S3 representative, PMCT, or DACG to verify APOE movement schedules, procedures, and requirements using analog and/or digital communications. c. Coordinates with S4 representative to ensure adequate shoring, dunnage, and floor protection is on hand and readily available for loading using analog and/or digital communications. d. Verifies unit vehicles, equipment, cargo, and secondary loads are properly marked and prepared for re-deployment by air IAW TALCE/DACG. e. Coordinates with S2/S3 representative, site coordinator and/or DACG representative for equipment cleaning support using analog and/or digital communications, if necessary. f. Coordinates with DACG to verify loading sequence of vehicles and equipment using analog and/or digital communications. g. Designates personnel to verify weight and center of balance marks, if required. h. Briefs designated personnel on weight and center of balance marks verification requirements. i. Verifies that deficiencies noted during DACG acceptance inspection have been corrected. j. Verifies the presence of all manifested personnel by conducting roll call. k. Provides verified personnel and cargo manifest to DACG at the alert holding area. l. Provides load teams to load and tie down unit equipment under supervision of the DACG or loadmaster.		
3. Unit performs APOE MA activities (850-001-2000). a. Performs after-operations PMCS IAW appropriate TMs. b. Notifies supervisor of maintenance problems beyond operator's capability to repair. c. Conducts final preparation of vehicles and equipment IAW DOD Directive 4500.9 and UMO's instructions. d. Adjusts vehicle fuel levels IAW TM 38-250 and DACG officials' instructions. e. Turns in excess fuel and POL products IAW UMO's instructions. f. Corrects deficiencies on vehicles, cargo, and personal gear IAW unit leaders' instructions. g. Corrects deficiencies on placement of placards, labels, and certification documents on hazardous material IAW UMO/NCO, unit leaders, and customs and USDA officials' instructions, if necessary. h. Moves vehicles and equipment to APOE cleaning site or alert holding area, as directed. i. Employs safety procedures IAW TSOP and publications. j. Employs environmental stewardship protection program procedures.		
4. Unit processes vehicles and equipment through the APOE cleaning site (850-001-2000). a. Delivers vehicles to APOE cleaning site IAW UMO's instructions. b. Performs vehicle cleaning IAW DACG and USDA officials' instructions. c. Returns vehicles and equipment to unit area IAW unit leaders' instructions.		
* 5. Unit leaders supervise final preparation of vehicles, equipment, sensitive items, cargo, and personal gear for re-deployment (850-001-2000). a. Inspect shipping documents, markings, customs labels, and decontamination tags on vehicles, equipment, cargo, and personal gear for compliance with the Re-deployment Movement Plan and UMO's instructions.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Monitor customs inspection to ensure deficiencies are corrected. c. Inspect vehicles and cargo to ensure deficiencies noted during acceptance inspection have been corrected. d. Coordinate with the UMO for assistance in correcting shipping documentation and maintenance deficiencies, as required. e. Enforce safety procedures IAW TSOP and publications. f. Enforce environmental stewardship protection program procedures.		
6. Unit performs APOE alert holding area activities. a. Drives vehicles to call forward area, as directed. b. Boards transportation to terminal, as directed. c. Employs safety procedures IAW TSOP and publications.		
7. Unit performs APOE passenger activities. a. Reports to designated location for safety and anti-terrorism briefing, security screen, and customs inspection IAW UMO's instructions. b. Remains in quarantined area IAW DACG officials' instructions. c. Provides baggage detail, as directed, to load unit baggage on aircraft. d. Boards aircraft IAW loadmaster's instructions.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4814	Perform Re-deployment Human Resources Actions	ARTEP 10-469-30-MTP
63-2-4815	Perform Re-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4816	Perform Re-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4817	Perform Re-deployment Maintenance Activities	ARTEP 10-469-30-MTP

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4818	Prepare Vehicles and Equipment for Re-deployment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Aerial Port of Debarkation Activities for Re-deployment (63-2-4821)
(FM 100-17) (FM 3-100.4) (FM 55-30)
(FM 55-9) (TM 38-250) (TM 55-2200-001-12)

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

CONDITIONS: Aircraft carrying main body lands at the APOD. The higher HQ has an advance party at the APOD to assist in coordinating APOD activities. Representatives from the higher HQ advance party, supporting installation, and AACG meet the aircraft. AACG officials request that unit personnel assist in offloading the aircraft. The AACG has designated a holding area and an MA for the unit to complete APOD activities. Transportation is available to move the unit to the MA and home station. The Re-deployment Movement Plan is available. The unit has analog and/or digital communications with higher HQ. APOD activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: APOD activities are performed IAW the Re-deployment Movement Plan and AACG officials and commander's instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander coordinates arrival of personnel. a. Coordinates with higher HQ advance party and AACG officials upon arrival for USDA and customs inspections, location of holding and marshalling areas, maintenance support, movement support, security, and other special APOD requirements using and/or digital communications. b. Assembles unit in holding area. c. Briefs unit leaders on APOD requirements and movement arrangements. d. Briefs higher HQ advance party OIC on APOD activities, as required.		
* 2. UMO coordinates APOD activities (850-001-2000). a. Coordinates with AACG for offloading and movement schedules. b. Briefs unit leaders on offloading and movement schedules. c. Provides AACG, supporting installation officials, and higher HQ staff personnel representative a copy of DEL. d. Coordinates with AACG on the temporary storage of sensitive and classified equipment. e. Briefs commander on APOD activities.		
* 3. Unit leaders supervise APOD activities (850-001-2000). a. Inspect personnel and weapons for accountability as they exit aircraft. b. Brief personnel on APOD requirements based on commander's instructions. c. Monitor USDA and customs inspections to ensure personnel comply with USDA and customs officials' instructions. d. Designate personnel to assist in offloading aircraft, as required. e. Inspect personnel and personal gear at the holding area and MA to ensure all personnel have arrived with required personal gear.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Brief commander on APOD activities. 4. Unit performs APOD activities (850-001-2000). a. Disembarks aircraft IAW loadmaster's instructions. b. Assembles in APOD holding area, as directed. c. Performs offloading activities IAW AACG officials and loadmaster's instructions. d. Moves to APOD MA IAW commander's instructions. e. Inspects vehicles and equipment to ensure all equipment is offloaded and serviceable. f. Notifies unit leaders of vehicle and/or equipment deficiencies that cannot be corrected. g. Reconfigures, if necessary, vehicles and cargo for road movement. h. Prepares, if necessary, convoy for movement to home station or demobilization station. NOTE: See task steps two through five of Task 63-2-4808 for detailed convoy preparation procedures. i. Loads baggage, as directed, on transportation for movement to home station. j. Boards transportation, as directed, for movement to home station. k. Employs safety procedures IAW TSOP and publications. l. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4814	Perform Re-deployment Human Resources Actions	ARTEP 10-469-30-MTP
63-2-4815	Perform Re-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4816	Perform Re-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4817	Perform Re-deployment Maintenance Activities	ARTEP 10-417-30-MTP
63-2-4818	Prepare Vehicles and Equipment for Re-deployment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Home Station Activities (63-2-4822)
(FM 100-17) (AR 600-8-1) (AR 600-8-19)
(AR 710-2) (AR 735-5) (FM 4-30.3)

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

CONDITIONS: The unit main body arrives at home station. The higher HQ main body has arrived and the higher echelon HQ is operational. Unit main body arrives at home station prior to equipment arrival at SPOD. The unit receives notification of ship arrival schedule from the ITO. The Re-deployment Movement Plan is available. The unit has analog and/or digital communications with higher HQ. Unit's welcome home reception activities have been coordinated with higher HQ support installations and rear detachment OIC prior to the unit's arrival. Home station activities are performed under all day or night environmental conditions.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Home Station activities are accomplished IAW the Re-deployment Movement Plan and commander's instructions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs home station activities. a. Coordinates with higher HQ commander and staff to identify requirements prior to arrival of equipment using analog and/or digital communications. b. Directs personnel to complete re-deployment requirements based on the Re-deployment Movement Plan and higher HQ commander's instructions. c. Coordinates with S2/S3 or ITO to identify unit's SPOD requirements for returning equipment using analog and/or digital communications. d. Designates an Equipment Reception Team to receive vehicles and equipment at SPOD. e. Directs personnel to inventory, clean and inspect vehicles, equipment, weapons, sensitive items, and personal gear, as it is re-deployed to home station. f. Coordinates with S4 for procedures to turn in float and replacement equipment using analog and/or digital communications. g. Coordinates with battalion commander and staff for guidance on reception activities using analog and/or digital communications. h. Approves after action reports. i. Briefs unit on reception activities. j. Enforces safety procedures IAW SOP and publications. k. Enforces environmental stewardship protection program procedures.		
2. UMO performs home station activities (850-001-2000). a. Coordinates with ITO for transportation support. b. Briefs Equipment Reception Team Leader on SPOD requirements.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Verifies that all DEL listed vehicles and equipment have been re-deployed, by conducting physical inventory. d. Notifies commander of discrepancies in DEL, if necessary. e. Updates AUEL, as required.		
3. Unit HQ performs home station personnel and administrative actions (850-001-2000, 805C-PAD-2402, 805C-PAD-2461, 805C-PAD-2044). a. Debriefs personnel IAW commander's instructions. b. Coordinates reception activities IAW commander's guidance. c. Consolidates unit after action reports. d. Prepares after action reports IAW the Re-deployment Movement Plan and commander's instructions. e. Submits AAR to commander for approval. f. Distributes after action reports IAW the Re-deployment Movement Plan and commander's instructions. g. Maintains after action reports and records IAW the Re-deployment Movement Plan and commander's instructions. h. Identifies pending personnel actions of re-deploying soldiers to determine if any unit and/or soldier actions (such as ratings, awards, financial actions, UCMJ actions, LOD investigations, physicals, and so on) are needed.		
4. Unit HQ performs home station supply activities (850-001-2000, 101-92Y-0004, 101-92Y-0005, 101-92Y-0001). a. Turns in float and replacement equipment IAW commander's instructions. b. Inspects weapons, basic loads, and CTA items for accountability and serviceability. c. Enforces safety procedures IAW SOP and publications. d. Enforces environmental stewardship protection program procedures.		
* 5. Unit leaders supervise home station activities (850-001-2000). a. Inspect vehicles, equipment, weapons, and personal gear for accountability compliance with the Re-deployment Movement Plan, Maintenance SOP, and commander's instructions. b. Direct personnel, as required, to correct deficiencies in vehicles, equipment, weapons, and personal gear. c. Submit AAR to unit HQ IAW commander's instructions. d. Enforce safety procedures IAW SOP and publications. e. Enforce environmental stewardship protection program procedures.		
6. Equipment Reception Team Leader performs home station equipment reception activities (850-001-2000). a. Coordinates with UMO or ITO for transportation support to SPOD. b. Briefs Equipment Reception Team on equipment reception schedule and requirements. c. Supervises movement to SPOD IAW UMO's instructions.		
7. Unit performs home station activities (850-001-2000). a. Completes re-deployment personnel and administrative requirements based on the Re-deployment Movement Plan and commander's instructions. b. Inventories, cleans and inspects vehicles, equipment, weapons, and personal gear, IAW the Re-deployment Movement Plan, Maintenance SOP and commander's instructions. c. Employs safety procedures IAW SOP and publications. d. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-92Y-0001	Supervise Supply Activities	STP 21-24-SMCT
101-92Y-0004	Enforce Property Accountability Policies	STP 21-24-SMCT
101-92Y-0005	Enforce Compliance with Property Accountability Policies	STP 21-24-SMCT
805C-PAD-2044	Recommend Individual for Award	STP 21-24-SMCT
805C-PAD-2402	Provide Input on Personnel Actions Affecting Subordinates	STP 21-24-SMCT
805C-PAD-2461	Maintain Accountability of Personnel	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4809	Perform Sea Port of Embarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4810	Perform Aerial Port of Embarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4811	Perform Aerial Port of Debarkation Activities for Deployment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Sea Port of Debarkation Activities for Re-deployment (63-2-4823)
(FM 100-17) (FM 3-100.4) (FM 4-30.3)
(TM 55-2200-001-12)

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

CONDITIONS: Unit equipment and supercargoes have arrived at the SPOD. The commander has designated an OIC/NCOIC to accompany the unit Equipment Reception Team to the SPOD holding area. The Equipment Reception Team has been trained and briefed on duties and responsibilities. The Re-deployment Movement Plan is available. The unit has analog and/or digital communications with higher HQ. Higher HQ staff element is located in the SPOD to assist in coordinating SPOD activities. Transportation support is available. The PSA has coordinated for ship offloading and designated an area for equipment to be inventoried and inspected as it is offloaded. Rail and road MAs have been designated to prepare vehicles and equipment for movement. Sufficient railcars and vehicles are available to move the unit equipment and designated personnel to home station. SPOD activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: SPOD activities are performed IAW the Re-deployment Movement Plan and PSA officials and commander's guidance.

NOTE: If SPOD is a military seaport, the commander may designate a Rail Loading Team Chief and Rail Loading Team to perform rail-loading activities.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Equipment Reception Team OIC/NCOIC directs SPOD activities (850-001-2000). a. Coordinates with higher HQ staff element and PSA officials upon arrival for USDA and customs inspections, location of holding and marshaling areas, maintenance support, movement, security, and other special APOD requirements using analog and/or digital communications. b. Coordinates with higher HQ S4 and/or PSA officials for life support for unit personnel while at the SPOD using analog and/or digital communications. c. Assembles Equipment Reception Team in holding area. d. Conducts acceptance inspection with PSA officials. e. Notifies higher HQ staff element OIC and S4 representative of missing or damaged equipment using analog and/or digital communications. f. Assumes custody of equipment and cargo IAW higher HQ staff personnel representatives and PSA officials' instructions. g. Coordinates with S2/S3 to verify arrangements for movement to home station using analog and/or digital communications. h. Verifies arrival of morale and welfare supercargoes personnel. i. Reestablishes accountability and responsibility for supercargoes. j. Directs Equipment Reception Team to proceed to convoy marshaling area, IAW S2/S3's instructions. k. Monitors preparation of equipment for road convoy or rail movement to ensure compliance with TSOP.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
l. Briefs Equipment Reception Team leaders on SPOD requirements. m. Briefs unit commander and higher HQ staff element OIC on SPOD activities, as required. n. Enforces safety procedures IAW SOP and publications. o. Enforces environmental protection program procedures. * 2. UMO supervises unit activities at SPOD (850-001-2000). a. Coordinates with S4 representative to identify offloading schedules, location of holding and MAs, and other SPOD information, using analog and/or digital communications, as required. b. Briefs personnel on offloading schedules, location of MAs and USDA, customs, and other special SPOD requirements. c. Coordinates with S4 representative and/or PSA officials to identify loading plans, schedules, and sites for rail movement using analog and/or digital communications, if required. d. Provides rail loading plans to Rail Loading Team Chief, if required. e. Monitors rail loading procedures to ensure compliance with PSA officials' instructions, if required. f. Monitors preparation of equipment for road convoy to ensure compliance with Movement Plan. g. Coordinates with S2/S3 representatives for convoy routes, maps, and timetable for road move to home station using analog and/or digital communications. h. Coordinates with S4 representatives for fuel and supplies for road move to home station using analog and/or digital communications. i. Briefs Equipment Reception Team on convoy requirements. j. Briefs commander on SPOD activities. k. Enforces safety procedures IAW SOP and publications. l. Enforces environmental stewardship protection program procedures. 3. Supercargoes representative performs SPOD activities (850-001-2000). a. Disembarks ship IAW vessel POC's instructions. b. Reports to customs inspection site IAW vessel POC's instructions. c. Reports to Equipment Reception Team OIC upon completion of customs inspection. 4. Equipment Reception Team performs equipment reception activities (850-001-2000). a. Offloads vehicles and equipment IAW PSA officials' instructions. b. Inspects equipment to ensure all equipment is offloaded and operational. c. Notifies UMO of deficiencies that cannot be corrected. d. Moves vehicles to USDA and customs inspection site(s) IAW UMO's instructions. e. Moves vehicles to rail loading site, if required. f. Performs rail loading activities, if required. NOTE: See task steps 10 and 11 of Task 63-2-4818 for detailed rail loading procedures. g. Moves vehicles and cargo to SPOD rail or convoy MA. h. Reconfigures vehicles and cargo for road movement, as appropriate. i. Fuels vehicles for convoy to home station, if appropriate. j. Prepares convoy for movement to home station, if necessary. NOTE: See task steps two through five of Task 63-2-4807 for detailed convoy preparation procedures. k. Notifies commander when Equipment Reception Team is prepared to move.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
l. Employs safety procedures IAW SOP and publications. m. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4814	Perform Re-deployment Human Resources Actions	ARTEP 10-469-30-MTP
63-2-4815	Perform Re-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4816	Perform Re-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4817	Perform Re-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Demobilization Station Activities (63-2-4824)
(FM 100-17) (AR 220-10) (AR 700-84)

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

CONDITIONS: The unit has re-deployed to CONUS via airlift and arrived at the designated demobilization station via prearranged transportation. APOD activities (see 63-2-4821) have been completed. The higher HQ has an advance party at the demobilization station to assist in coordinating demobilization activities. Transportation support is available. The Re-deployment Movement Plan and port call message are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher HQ re-deployment. Demobilization station activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Demobilization station activities are performed IAW the Re-deployment Movement Plan and higher HQ guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs demobilization station activities. a. Verifies accountability of personnel, weapons, and equipment. b. Notifies higher HQ advance party representative that the unit has arrived at the demobilization station. c. Directs unit HQ to coordinate with demobilization station operations section to verify life support for unit personnel, processing schedules, procedures, and requirements. d. Briefs unit on demobilization station duties and responsibilities. e. Directs convoy preparation activities. f. Verifies unit personnel have been fully briefed on entitlements. g. Verifies unit has completed reverse SRP process or verified arrangements for holdover personnel. h. Coordinates with higher HQ staff elements and rear detachment, if applicable, on status of welcome home activities at home station. i. Verifies unit convoy is prepared to cross SP, if applicable. j. Briefs the higher HQ commander or designated representative on status of demobilization station activities. k. Enforces safety procedures IAW SOP and publications. l. Monitors environmental stewardship protection program procedures.		
* 2. UMO supervises demobilization station movement activities (850-001-2000). a. Prepares and/or updates movement plans for all modes of transportation. b. Coordinates with S4 and/or AACG officials for transportation, maintenance, logistics, and other support, as required. c. Coordinates with S2/S3 representative, PMCT, or AACG to verify movement schedules, procedures, and requirements. d. Supervises off-loading and staging of unit vehicles IAW AACG guidance, if applicable. e. Coordinates with S2/S3 representative for convoy clearance.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Supervises preparation of convey for movement to home station, if necessary. g. Enforces safety procedures IAW SOP and publications. NOTE: See task steps two through five of Task 63-2-4808 for detailed convoy preparation procedures. h. Enforces environmental stewardship protection program procedures. 3. Unit HQ supervises demobilization station activities (850-001-2000). a. Establishes accountability of personnel, weapons, and equipment. b. Verifies life support and logistical support for unit personnel with demobilization station staff elements. c. Directs unit to secure weapons, sensitive items, and classified documents in their respective secure storage site(s). d. Directs unit to report to designated location for reverse SRP briefing. e. Monitors reverse SRP for unit personnel to resolve problems if they occur. f. Verifies unit personnel have completed all reverse SRP stations, as necessary. g. Verifies transportation arrangements for all unit personnel. h. Enforces safety procedures IAW SOP and publications. i. Enforces environmental stewardship protection program procedures. 4. Unit performs demobilization station activities (850-001-2000). a. Assembles in designated location for reverse SRP briefings. b. Performs reverse SRP activities, as directed. c. Prepares for departure via convoy and/or government transportation to home station. d. Prepares convoy for movement to home station, if necessary. NOTE: See steps two through five of Task 63-2-4808 for detailed convoy preparation. e. Loads baggage on transportation for movement to home station, as directed. f. Boards transportation for movement to home station, as directed. g. Employs safety procedures IAW SOP and publications. h. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4822	Perform Home Station Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Conduct Integration Activities (63-2-4825)

(FM 100-17-3)	(AR 220-1)	(AR 710-2)
(FM 100-17)	(FM 20-3)	(FM 21-10)
(FM 4-30.3)	(FM 55-65)	

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is in the process of deploying following receipt of an OPORD. The unit has arrived at the POD, moved through the designated staging site, and has closed in the TAA. Prior to onward movement from the staging area, the unit verified that it met mission readiness criteria. The unit initiates command and control procedures with the gaining command. The unit security plan, unit access rosters, TSOP, and current maps are available. The unit is deploying as part of a higher echelon deployment. Integration activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Personnel and equipment are combat ready and integrated into the operational mission of the gaining tactical force commander.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Gaining Commander supervises integration activities. a. Directs communications link-up into gaining command net. NOTE: Communications link-up will be performed through analog and/or digital means, if so equipped. b. Directs unit to occupy area designated by gaining command. c. Directs unit HQ to integrate unit security plan into gaining command's operational force protection measures. d. Directs unit HQ to integrate into the gaining command's CSS system. e. Directs unit HQ to submit reports IAW gaining command SOP/OPLANs. NOTE: Unit HQ will use analog and/or digital communications, wire or messenger to submit reports. 2. Unit HQ completes integration actions (081-831-9000, 850-001-2000). a. Enters tactical communications net. NOTE: Unit HQ will enter analog and/or digital communications nets, if so equipped. b. Integrates unit into TAA security plan. c. Clarifies operational mission parameters with S2/S3. d. Submits required reports to gaining command. NOTE: Unit HQ will submit reports using analog and/or digital communications. e. Conducts training as directed by gaining command. f. Coordinates support requirements with gaining command. NOTE: Unit HQ will submit reports using analog and/or digital communications. g. Establishes direct support relationships with various support elements in the support structure to include supply, services, maintenance, and medical. h. Assumes missions as directed by gaining command.		

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

Task Number	Task Title	References
081-831-9000	Implement Prevention Medicine Measures	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4811	Perform Aerial Port of Debarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4812	Perform Sea Port of Debarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4813	Prepare Equipment Reception Team for Tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Conduct Staging Activities (63-2-4826)

(FM 100-17-3)	(AR 220-1)	(FM 100-17)
(FM 20-3)	(FM 21-10)	(FM 3-100.4)
(FM 3-4)	(FM 4-30.3)	

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

CONDITIONS: The unit is in the process of deploying to a theater of operations following receipt of an OPORD. The unit has arrived in-theater at the APOD and has moved to the TSB for reuniting with unit equipment. The unit's Equipment Reception Team has just arrived at the TSB from the SPOD with unit equipment. The unit movement plan, security plan, unit access rosters, TSOP, and current maps are available. The unit has a trained officer NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher echelon deployment. Staging activities are performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Personnel and equipment are mission capable, configured for the specific mission, and prepared for onward movement to the TAA.

NOTE: Since staging bases is not always available, units should be prepared to move directly to the TAA or into their AO from the port staging area. When this is necessary, the marshaling/staging functions are performed in a designated staging area in the vicinity of the port.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander supervises staging activities. a. Directs unit leaders to account for unit personnel and equipment. b. Stages unit personnel and equipment in preparation for onward movement. c. Notifies command and control element of the TSB of unit arrival. d. Files initial unit status report as directed. e. Conducts threat brief for all soldiers. f. Conducts rules of engagement brief. g. Directs movement planning. h. Prepares unit for mission. i. Receives daily situational briefings from higher HQ or TSB command and control element. j. Briefs higher HQ or TSB command and control element on status of unit. k. Notifies TSB when readiness is achieved. l. Monitors environmental stewardship protection program procedures.		
2. Unit performs marshalling activities (850-001-2000, 805C-PAD-2461, 113-600-2001, 113-637-2001, 301-371-1050, 805C-PAD-4597) a. Establishes command post. b. Verifies accountability of personnel and equipment. c. Coordinates with TSB command and control element for life support. d. Provides information concerning staging area activities based on TSB SOP to element leaders. e. Conducts risk assessment for onward movement. f. Establishes communications with TSB command and control element and higher-level commands.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Establishes training objectives to be completed in the staging area. h. Verifies routes of march and support arrangements. i. Reports incremental buildup of combat power IAW TSB SOP. j. Conducts daily meetings with TSB command and control element. k. Monitors environmental stewardship protection program procedures.		
* 3. Unit performs pre-movement activities (850-001-2000, 113-600-2001, 113-637-2001, 301-371-1050) a. Stages equipment in correct configuration for onward movement. b. Plans onward movement to the TAA or location designated by the gaining command. c. Coordinates with PMCT or MCT for onward movement. d. Prepares vehicles and equipment for movement. e. Verifies equipment is properly loaded on vehicles. f. Identifies convoy support centers on route of march. g. Prepares movement order. h. Briefs convoy personnel. i. Verifies SP time is established. j. Monitors environmental protection program procedures.		
4. Unit conducts logistics activities (850-001-2000, 805C-PAD-2461, 113-600-2001, 113-637-2001, 301-371-1050, 805C-PAD-4597, 101-92Y-0006) a. Verifies life support needs are met for unit personnel. b. Performs maintenance activities to ensure all equipment is serviceable and operational, to include refueling and maintenance checks and services. c. Uploads equipment and supplies onto vehicles. d. Inventories all property. e. Identifies all shortages. f. Signs hand receipts, as needed. g. Maintains personnel accountability. h. Draws basic loads (I, II, III, IV, V, VI, VIII, and IX) and maps, as needed. i. Initiates security measures as directed. j. Performs force protection. k. Conducts training, as needed. l. Conducts test driving, bore sighting, range activities, as directed. m. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-92Y-0006	Inspect Equipment for Accountability, Cleanliness, and Serviceability	STP 21-24-SMCT

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
113-600-2001	Communicate Via a Tactical Telephone	STP 21-1-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Net	STP 21-1-SMCT
301-371-1050	Implement Operations Security (OPSEC)	STP 21-1-SMCT
805C-PAD-2461	Maintain Accountability of Personnel	STP 21-24-SMCT
805C-PAD-4597	Integrate Newly Assigned Soldiers	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4811	Perform Aerial Port of Debarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4812	Perform Sea Port of Debarkation Activities for Deployment	ARTEP 10-469-30-MTP
63-2-4813	Prepare Equipment Reception Team for Tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Use Passive Air Defense Measures (63-2-4307)
(FM 44-8) (FM 20-3) (FM 3-4)
(FM 44-80) (STP 21-1-SMCT) (STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Threat aircraft have been sighted and reported to be in the unit's general area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The higher HQ staff element has issued an air defense weapon status "hold" for the area. The unit is currently providing support for tactical operations. Field expedient and natural shelters are available. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: All available resources are employed to hide the unit from detection by air, and to lessen its vulnerability if attacked. At MOPP4, air watch activities are degraded significantly due to eye-lens distortion.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit employs camouflage and concealment techniques (052-191-1361, 052-191-1362). a. Covers all shiny items with emphasis on windshields, mirrors, headlights, and taillights. b. Camouflages vehicles, tents, and supplies so they are not seen from above. c. Disperses vehicles, tents, and supplies at distances consistent with the size of the area to reduce vulnerability to air attacks. d. Constructs field fortifications with available materials that protect personnel and mission-essential equipment. e. Establishes attack alarm procedures. f. Rehearses alarm procedures.		
* 2. Commander and leaders supervise air watch activities (441-091-3000). a. Direct manning of the OP that provides an early warning of approaching aircraft. b. Establish a listening watch on the air defense early warning radio net, if equipment is available. c. Depict on the map board current threat aircraft sightings in the immediate area. d. Forward all aircraft sightings with direction of flight to the higher HQ staff element using analog and/or digital communications, if time and situation permit.		
3. Unit personnel react to aircraft sightings. a. Sound prescribed alarm to alert all unit personnel of the presence of threat aircraft. b. Occupy pre-designated fighting positions and field fortifications. c. Maintain constant surveillance of assigned search sector. d. Identify threat aircraft visually.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Remain concealed and hold fire to avoid revealing position. f. Restrict movement of vehicles or movement of personnel in open areas. * 4. Commander and leaders supervise post-attack activities (441-091-3000). a. Sound "All Clear" signal as directed by unit HQ. b. Forward damage report and personnel status report to higher HQ staff elements using analog and/or digital communications. c. Submit PIR to higher HQ staff element using analog and/or digital communications or messenger. d. Coordinate casualty treatment and evacuation with higher HQ S1 using analog and/or digital communications or messenger. e. Submit casualty forms to the S1 within 24 hours. f. Direct clearing of mission-hindering destroyed supplies and equipment. g. Coordinate changes or delays to support plan caused by air attack with higher HQ S2/S3 and support operations Section using analog and/or digital communications or messenger. h. Coordinate replacement of personnel with higher headquarters S1 using analog and/or digital communications or messenger. i. Coordinate replacement of equipment with higher HQ S4 using analog and/or digital communications. . NOTE: Use ULLS-G to make requisitions for repair parts. ULLS-S4 is used to request equipment replacements j. Direct unit to continue assigned mission. 5. Unit personnel perform post-attack activities. a. Treat casualties. NOTE: See Task 63-2-4517 for detailed treatment procedures. b. Transport casualties. NOTE: See Task 63-2-4316 for detail casualty transportation procedures. c. Reconstruct damaged fighting positions and field fortifications. d. Repair damaged camouflage material. e. Move KIA remains and personal effects to a pre-designated location. f. Report casualties to CP using analog and/or digital communications or messenger. g. Clear debris from area essential to mission accomplishment. h. Continue mission as directed by the commander.		

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

Task Number	Task Title	References
052-191-1361	Camouflage Yourself and Your Individual Equipment	STP 21-1-SMCT

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
052-191-1362	Camouflage Equipment	STP 21-1-SMCT
441-091-3000	Supervise the Implementation of Air Defense Measures	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP
63-2-4016	Employ Operations Security Measures	ARTEP 10-469-30-MTP
63-2-4306	Employ Physical Security Measures	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT AERIAL RECONNAISSANCE (63-OPFOR-1007)

CONDITION: OPFOR HQ requires intelligence on the location and identification of enemy elements. Aircraft is dispatched to take photographs and conduct a visual inspection of enemy rear area.

STANDARD: 1. Photograph assigned sectors. 2. Make quick visual checks where cloud ceiling is low. 3. Locate enemy positions in the rear area, particularly support and storage bases, and C2 facilities. 4. Report PIR and other information requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Take Active Air Defense Measures against Hostile Aircraft (63-2-4308)
(FM 44-8) (FM 3-4) (FM 3-5)
(FM 44-80) (STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: The unit received an early warning of unknown or hostile aircraft in the area. The unit is tactically deployed supporting combat operations. The unit has analog and/or digital communications with higher HQ. Higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Weapon control status is "WEAPONS HOLD." An air attack has caused casualties and damage to the operating area and facilities. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and all levels of threat force attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit repulses attacking aircraft. At MOPP4, air search, aircraft engagement, and post-attack activities are significantly degraded due to protective clothing and eye-lens distortion.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit personnel employ preparatory measures before engaging hostile aircraft (441-091-3000). a. Alert all personnel of the presence of hostile aircraft using analog and/or digital communications and local alarms if situation permits. b. Occupy pre-designated fighting positions and field fortifications. c. Search assigned sector for approaching aircraft. d. Identify threat aircraft visually. e. Report all aircraft actions to S3 Section using analog and/or digital communications. f. Prepare personnel to fire on orders of senior individual present or automatically return fire, if fired upon by aircraft.		
2. Unit engages hostile aircraft (441-091-3000, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-030-0004, 071-313-3454). a. Places weapon on highest rate of fire. b. Selects proper aim point for type of aircraft and direction of flight. c. Engages hostile aircraft with all available small arms until destroyed or warded off.		
* 3. Commander and leaders supervise post attack activities. a. Give "All Clear" signal when hostile aircraft have departed the area. b. Forward damage report and personnel status report to S1 Section using analog and/or digital communications. c. Submit personnel SITREP to S1 Section using analog and/or digital communications, including casualty forms within 24 hours. d. Coordinate casualty treatment and evacuation with S1 Section using analog and/or digital communications. e. Direct clearing of mission-hindering destroyed supplies and equipment.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Coordinate changes or delays to support plan caused by air attack with support operations section, battalion support operations section and supported maneuver battalion S4 Section using analog and/or digital communications. g. Coordinate replacement of personnel with the S1 Section using analog and/or digital communications. h. Coordinate replacement of equipment with S4 Section using ULLS-G to request repair parts and ULLS-S4 to request equipment replacements. i. Direct unit to continue assigned mission. 4. Unit personnel perform post-attack activities. a. Treat casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. b. Report casualties to CP using analog and/or digital communications or messenger. c. Transport casualties. NOTE: See Task 63-2-4316 for detailed transportation procedures. d. Reconstruct damaged fighting positions and field fortifications.		

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

Task Number	Task Title	References
071-008-0007	Engage Targets with a M-16 Series Rifle Using an AN/PAS-13 Series Thermal Sight	STP 21-1-SMCT
071-010-0006	Engage Targets with a M249 Machine Gun	STP 21-1-SMCT
071-025-0007	Engage Targets with a M240B Machine Gun	STP 21-1-SMCT
071-030-0004	Engage Targets with a MK19 Machine Gun	STP 21-1-SMCT
071-312-3031	Engage Targets with a M60 Machine Gun	STP 21-1-SMCT
071-313-3454	Engage Targets with a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
441-091-3000	Supervise the Implementation of Air Defense Measures	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP
63-2-4016	Employ Operations Security Measures	ARTEP 10-469-30-MTP

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4306	Employ Physical Security Measures	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT AIR ATTACKS (63-OPFOR-1006)

CONDITION: OPFOR elements in the rear area have forwarded the positions of enemy support sites and/or the locations of road march elements to OPFOR HQ. OPFOR aircraft have been dispatched to attack enemy installations or convoys.

STANDARD: 1. Locate command and control site(s) or convoys. 2. Conduct attack runs on designated target(s). 3. Destroy enemy equipment, supplies, vehicles, and personnel.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Cross a Radiologically Contaminated Area (63-2-4005)
(FM 3-3) (FM 3-4) (STP 21-1-SMCT)
(STP 21-24-SMCT)

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

CONDITIONS: Orders are received from higher HQ staff element to cross a radiologically contaminated area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit is conducting a tactical road march. NBC reconnaissance, survey, and survey control teams have been designated. The location of the contaminated area has been identified. The area cannot be bypassed without unacceptable delay to the move. Higher HQ staff element coordinates for additional NBC decontamination support. Assembly areas may be in concealed locations or alongside roads as the tactical situation dictates. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. This task is always performed in MOPP4.

TASK STANDARDS: Unit crosses contaminated area by shortest route possible. At MOPP4, performance degradation factors increase time required to cross contaminated area.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Leading convoy element employs immediate protective measures (031-503-3008, 031-503-1015, 031-503-1018, 031-503-1023). a. Covers nose and mouth with handkerchief or clean rag. b. Dons designated MOPP gear to reduce skin exposure. c. Covers all equipment, munitions, fuel, and water containers. d. Zeros dosimeters. e. Wears individual dosimeters (selected personnel). f. Performs basic soldier skill decontamination. g. Occupies closed vehicles (nonessential personnel).		
* 2. March commander relays NBC information to convoy elements (031-503-3005). a. Plots contamination area on map overlay(s). b. Notifies all march elements of reported location and type of contamination using analog and/or digital communications. c. Designates assembly area(s) for convoy elements to complete preparations to cross area. d. Directs required protective measures and MOPP level for assembly area(s). e. Reports locations of assembly area(s), halt time, and tentative resumption time to the higher HQ staff element using analog and/or digital communications. f. Forwards NBC 4 nuclear reports to the higher HQ staff element using analog and/or digital communications. g. Directs recording of dose rates IAW time intervals established in the TSOP.		
3. March elements occupy assembly area(s) (031-503-1018, 031-503-1023). a. Move into assembly area without stopping on the route of march. b. Establish perimeter security with 360-degree surveillance and crew-served weapons positioned along likely avenues of approach.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Employ camouflage and concealment techniques with emphasis on overhead concealment, mirrors, and windshields. d. Perform during-operations PMCS IAW applicable TM.		
4. Designated personnel perform monitoring activities (031-503-1018, 031-503-3005, and 031-503-2023). a. Record dose rates IAW time intervals specified in the TSOP. NOTE: During actual fallout, dose rates must be recorded at a minimum of every 15 minutes. b. Establish correlation factor. c. Record correlation factor. d. Report correlation factor figures to the unit defense team. e. Record dose rate at 30-minute intervals after peak dose rate has been reported.		
* 5. March commander organizes radiological reconnaissance team(s) (031-503-3010). a. Identifies possible routes through contaminated area by map reconnaissance. b. Tasks convoy elements for vehicles, personnel, and equipment. c. Prepares overlays and/or strip maps to guide reconnaissance team(s) on assigned routes. d. Briefs reconnaissance team(s) on route, mission, and reporting procedures.		
* 6. March commander selects a crossing route (031-503-3010, 031-506-1053). a. Employs correlation factor to determine ground dose rates from reconnaissance survey reports. b. Identifies contamination levels for tentative routes from NBC 5 report and/or radiological survey reports. c. Forwards radiological survey data to higher HQ staff element using analog and/or digital communications. d. Establishes new exposure limits from OEG based on survey reports and in coordination with the higher HQ staff element. e. Selects best route that reduces exposure and permits the fastest travel based on METT-TC. f. Requests route clearance and approval from higher HQ staff element using analog and/or digital communications.		
* 7. March commander supervises crossing preparation activities (031-503-1015, 031-503-1018, 031-503-3004). a. Maintains situational awareness at all times using analog and/or digital communications. b. Assigns crossing time(s) for all convoy elements. c. Assigns assembly area location(s) for all convoy elements on the other side of the contaminated area for hasty decontamination. d. Directs placement of extra shielding consistent with available materials. e. Directs precautionary measures and MOPP level required for crossing. f. Coordinates Call For Support with higher HQ staff element for hasty and deliberate decontamination support using analog and/or digital communications.		
8. NBC reconnaissance team(s) conducts a radiological route survey (031-503-2023, 031-503-3010). a. Employ MOPP level 4. b. Employ additional shielding for non-armored vehicles.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Inspect serviceability of all radiac-meters and other reconnaissance equipment. d. Plot checkpoints and distance intervals along route on overlays, based on tactical situation and time available. e. Employ radiac-meters and dosimeters to measure dose-rate readings inside the vehicle(s) at selected intervals between the checkpoints along the route. f. Employ radiac-meters to measure dose-rate readings outside the vehicle(s) to determine the correlation factor. g. Report survey data to convoy commander using analog and/or digital communications or radio. h. Place entrance markers at boundary of contaminated area. NOTE: Markers should face away from the contaminated area in order to facilitate identification by convoy lead vehicle. i. Report location of contaminated areas to convoy commander via NBC 4 nuclear report format. j. Report reading, time, and location of contamination detection to the higher HQ staff element using analog and/or digital communications. k. Terminate radiological survey activities when turnback dose or turnback dose rate is reached, or when the specified area has been reconnoitered.		
9. Unit prepares to cross contaminated area (031-503-1015, 031-503-1018). a. Employs MOPP level 4. b. Employs equipment and cargo protection measures. c. Closes all air vents and windows on vehicles. d. Employs extra shielding for non-armored vehicles.		
10. Unit crosses contaminated area (031-503-1015, 031-503-1018). a. Follows route as marked by reconnaissance party or by overlay. b. Employs precautions that reduce dust. c. Avoids low ground, overhead branches, and heavy brush. d. Moves as quickly as possible across contaminated area without unnecessary halts and delays. e. Verifies that all vehicles have crossed the contaminated area and are out of the affected area before stopping. f. Forwards crossing report to march commander using analog and/or digital communications.		
*11. March commander supervises crossing of contaminated area (031-503-1015, 031-503-1018). a. Establishes extended interval or staggered parallel routes to minimize radioactive dust pickup. b. Monitors convoy elements crossings to ensure compliance with TSOP. c. Maintains communications with all march elements during crossing using analog and/or digital communications. d. Directs dropping of all expendable covering materials at the edge of the contaminated area. e. Forwards crossing report to the higher HQ staff element when all convoy elements have crossed the contaminated area using analog and/or digital communications.		
*12. March commander supervises decontamination measures. a. Identifies level of decontamination required in coordination with higher HQ staff element. b. Directs implementation of basic soldier skill decontamination based on level of contamination, weather, and tactical situation.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Directs implementation of hasty decontamination based on level of contamination, weather, and the tactical situation. d. Enforces OPSEC measures during decontamination operations. e. Records radiation level readings from selected personnel wearing dosimeters. f. Forwards radiation exposure status to higher HQ staff element using analog and/or digital communications. g. Coordinates Call For Support for detailed decontamination support with higher HQ staff using analog and/or digital communications. h. Monitors personnel for symptoms of radiation sickness.		
13. Unit performs radiological decontamination (031-503-1015). a. Locates radiological contamination using unit radiac-meter. b. Performs personal wipe-down technique on individual equipment within 15 minutes of contamination by brushing, scraping, or shaking dry contaminant from equipment, if possible. c. Washes exposed area of skin with soap and water. d. Wipes off mask, hood, helmet, gloves, footwear covers, and other personal equipment with soapy water. e. Disposes of contaminated dust and articles IAW prescribed techniques in higher HQ OPORD and the battalion and unit TSOP. f. Measures level of residual radiation using radiac-meters to determine if contamination is negligible. g. Assists in hasty decontamination of equipment (vehicle wash-down). h. Conducts deliberate decontamination. i. Constructs sumps and runoff ditches to control contaminated drainage.		
*14. March commander coordinates resumption of road march. a. Designates SP location and times for all convoy elements. b. Reschedules checkpoint and RP crossing times in coordination with higher HQ staff element. c. Provides new march instructions to all convoy elements. d. Directs covering and marking of contaminated runoff areas. e. Affixes locations of contaminated runoff areas on map overlay(s). f. Forwards march resumption reports to the higher HQ staff element using analog and/or digital communications.		
15. Unit performs march resumption activities. a. Covers areas used for decontamination. b. Marks entrance and exit to contaminated area. c. Records radiation dose readings of areas used for decontamination operations. d. Crosses new SP at time prescribed by the convoy commander.		

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

Task Number	Task Title	References
031-503-1015	Protect Yourself from NBC Injury/ Contamination with Mission-Oriented Protective Posture (MOPP)	STP 21-1-SMCT
031-503-1018	Respond to Nuclear Hazard/Attack	STP 21-1-SMCT
031-503-1023	Protect Yourself from Nuclear, Biological, and Chemical Injury/Contamination When Changing Mission-Oriented Protective Posture Gear	STP 21-24-SMCT
031-503-2023	Measure Radiation Dose Rate and Total Dose	STP 21-24-SMCT
031-503-3004	Supervise the Crossing of a Contaminated Area	STP 21-24-SMCT
031-503-3005	Submit NBC 1 Report	STP 21-24-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-503-3010	Supervise the Employment of Nuclear, Biological, and Chemical Markers	STP 21-24-SMCT
031-506-1053	Report Nuclear, Biological, and Chemical Information Using Nuclear, Biological, and Chemical 4 Report	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4001	Plan Unit Move	ARTEP 10-469-30-MTP
63-2-4002	Prepare Unit to Move	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING PERSISTENT AND NON-PERSISTENT CHEMICAL WEAPONS (63-OPFOR-1001)

CONDITION: OPFOR units deliver chemical agents by means of conventional artillery weapons or aircraft along selected routes and key bases in the rear area.

STANDARD: 1. Deliver chemical agents in low lying and/or densely wooded areas. 2. Delay movement of enemy supplies and equipment to forward areas by disrupting C2 system. 3. Restrict enemy units' movement in rear area. 4. Channel movement into pre-designated ambush areas. 5. Contaminate enemy supplies and equipment. 6. Inflict casualties on enemy forces.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Defend Convoy Elements (63-2-4006)
(FM 55-30) (FM 3-4) (FM 44-8)
(STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: Threat forces attack the march column. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, unit TSOP, and higher HQ TSOP are available. The unit is conducting a tactical road march. CAS sorties and indirect fire support have been allocated, but with low priority. Pyrotechnics are available for signaling and marking locations. This task is conducted under all day or night environmental conditions. The threat is capable of launching air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Attacks are repelled by proper immediate action techniques, and march is resumed IAW TSOP and movement order. At MOPP4, performance degradation factors increase response times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Convoy commander supervises reaction to sniper fire. a. Locates approximate location of sniper incident on map from convoy element reports using analog and/or digital communications or individual reports. b. Identifies whether area is a free fire zone or restricted fire zone. c. Authorizes return fire only if sniper(s) are located. d. Directs march elements to increase march speed and interval between vehicles until they have cleared the area using analog and/or digital communications or visual signals. e. Provides instructions to follow-on convoy elements using analog and/or digital communications. f. Forwards incident report to higher HQ staff element using analog and/or digital communications.		
2. Unit takes action against sniper fire (551-88M-0005, 071-410-0002, 113-637-2001, 071-325-4407, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-054-3454, 071-311-2130). a. Maintains situational awareness using analog and/or digital communications. b. Reports sniper fire to convoy commander immediately upon contact. c. Returns fire immediately that kills snipers or suppresses their fire (designated personnel only). d. Increases column rate of march and vehicle interval.		
* 3. Convoy commander supervises defense against ambush, road blocked, or road not blocked (071-326-0608). a. Identifies location of ambush site on map with map overlay using analog and/or digital communications.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Directs convoy elements under attack to employ correct protective actions as prescribed in higher HQ movement order and TSOP. c. Provides instructions on halt points and security requirements to all convoy elements. d. Forwards initial incident report to higher HQ staff element using analog and/or digital communications. e. Directs hardened vehicles with automatic fire capability into position to lay down concentrated fire on threat position(s). f. Directs the convoy elements ahead and convoy element following to organize security teams to attack flanks of threat ambush party. g. Maintains constant communications with all convoy elements engaging threat to immediately make adjustments to tactical situation using analog and/or digital communications. h. Forwards subsequent SITREP reports to higher HQ staff element as situation changes using analog and/or digital communications. i. Requests immediate CAS and/or indirect fire support from higher HQ staff element using analog and/or digital communications. j. Directs use of pyrotechnics for signaling or marking areas. k. Develops contingency plans to displace elements not under attack and withdraw elements under attack.		
4. Unit defends against ground ambush (road not blocked) (551-88M-0005, 071-410-0002, 113-637-2001, 071-325-4407, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-054-3454, 071-311-2130). a. Reports ambush to convoy commander immediately upon contact using analog and/or digital communications. b. Identifies threat location(s). c. Returns fire immediately that kills threat and suppresses their fire (non-driving personnel). d. Stops vehicles (not in kill zone). e. Increases rate of march until out of kill zone (vehicles in kill zone). f. Keeps roadway clear by pushing disabled vehicles aside. g. Organizes security element(s) of soldiers not in kill zone (senior member present). h. Directs fire and maneuver of security elements to allow remaining vehicles to pass through kill zone (senior member present). i. Forwards SITREP to convoy commander using analog and/or digital communications.		
5. Unit defends against ground attack (road blocked) (071-410-0002, 113-637-2001, 071-325-4407, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-054-3454, 071-311-2130). a. Reports ambush to convoy commander immediately upon contact. b. Dismounts vehicles on opposite side of direction of ambush. c. Returns fire immediately which kills threat or suppresses their fire (soldiers in kill zone). d. Takes up firing positions while awaiting orders (soldiers not in kill zone). e. Organizes security element(s) of soldiers not in kill zone (senior member present). f. Directs fire and maneuver of security elements to allow removal of roadblock (senior member present). g. Forwards SITREP to convoy commander using analog and/or digital communications.		
* 6. Convoy commander requests indirect fire support (061-283-6003).		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Requests fire support IAW instructions in the higher HQ movement order or TSOP using analog and/or digital communications. b. Identifies grid direction to threat location. c. Identifies threat target location using grid coordinates or shift from a known point. d. Transmits call for fire in proper sequence using analog and/or digital communications. e. Transmits fire adjustment information in proper sequence to the fire support element, if an "adjust fire" mission is required, using analog and/or digital communications. f. Transmits "end of mission" and surveillance report, if fire was sufficient, using analog and/or digital communications.		
* 7. Convoy commander requests CAS (441-091-3000). a. Verifies threat position(s). b. Requests CAS by means prescribed in higher HQ movement order using analog and/or digital communications. c. Supervises preparation of unit personnel for friendly strike. d. Directs marking of friendly unit location(s) with prescribed colored smoke. e. Communicates strike effectiveness to higher HQ staff element using analog and/or digital communications.		
8. Unit employs passive defense measures against air attack (551-88M-0005, 113-637-2001, 441-091-3000). a. Provides the prescribed signal to alert column. b. Staggers vehicles to avoid linear patterns. c. Drives vehicle in shadows or wood line. d. Assumes firing positions. e. Fires only upon command. f. Reports all aircraft actions to higher HQ staff element using analog and/or digital communications.		
9. Unit employs active defense measures against air attack (551-88M-0005). a. Employs the prescribed signal to alert march elements. b. Identifies threat aircraft visually. c. Disperses vehicles to concealed locations. d. Assumes firing positions. e. Prepares crew-served weapons for firing. f. Fires weapons at attacking aircraft only if fired upon or on command.		
*10. Convoy commander supervises reorganization after attack (805C-PAD-2060, 191-379-4450). a. Identifies status of all personnel, equipment, and cargo through convoy element reports using analog and/or digital communications. b. Coordinates requirements within march elements for load transfer, vehicle repairs, mortuary affairs, and medical evacuation using analog and/or digital communications. c. Requests emergency destruction authorization from higher HQ staff element for un-repairable items using analog and/or digital communications. d. Forwards SITREP to higher HQ staff element using analog and/or digital communications.		
11. Unit reorganizes after the attack (081-831-1000, 081-831-1046, 101-515-1998, 101-515-1999). a. Maintains 360-degree surveillance.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Treats casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. c. Reports casualties using analog and/or digital communications. d. Requests air ambulance support through convoy commander. e. Reestablishes chain of command, if necessary. f. Secures landing zone, if air ambulance is required. g. Evacuates casualties. NOTE: See Task 63-2-4316 for detailed casualty evacuation procedures. h. Performs mortuary affairs functions. NOTE: See Task 10-2-4513 for detailed mortuary affairs procedures. i. Assesses damage to vehicles and cargo to determine operability and reparability. j. Performs BDAR for recoverable vehicles. k. Removes critical items from unrecoverable vehicles. l. Requests emergency destruction of vehicles and non-medical equipment from march commander using analog and/or digital communications. m. Forwards SITREP to convoy commander using analog and/or digital communications. n. Reorganizes convoy elements. o. Resumes march.		

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

Task Number	Task Title	References
061-283-6003	Adjust Indirect Fire	STP 21-24-SMCT
071-008-0007	Engage Targets with a M16-Series rifle Using an AN/PAS-13 Series Thermal Sight	STP 21-1-SMCT
071-010-0006	Engage Targets with a M249 Machine Gun	STP 21-1-SMCT
071-025-0007	Engage Targets with a M240B Machine Gun	STP 21-1-SMCT
071-054-3454	Engage Targets with a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
071-311-2130	Engage Targets with a M203 Grenade Launcher	STP 21-1-SMCT
071-312-3031	Engage Targets with a M60 Machine Gun	STP 21-1-SMCT
071-325-4407	Employ Hand Grenades	STP 21-1-SMCT
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
071-410-0002	React to Direct Fire While Mounted	STP 21-1-SMCT
081-831-1000	Evaluate a Casualty	STP 21-1-SMCT
081-831-1046	Transport a Casualty	STP 21-1-SMCT
101-515-1998	Evaluate Isolated Remains	STP 21-1-SMCT
101-515-1999	Recover Isolated Remains	STP 21-1-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Net	STP 21-1-SMCT
191-379-4450	Supervise Handling of Enemy Personnel and Equipment at Squad Level	STP 21-24-SMCT
441-091-3000	Supervise the Implementation of Air Defense Measures	STP 21-24-SMCT
551-88M-0005	Operate a Vehicle in a Convoy	STP 21-1-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4003	Conduct Tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT HASTY AMBUSH (63-OPFOR-1003)

CONDITION: OPFOR element is moving in a wooded area when an enemy march element is seen moving along a nearby route.

STANDARD: 1. Prepare ambush site before arrival of enemy element. 2. Surprise enemy forces. 3. Inflict casualties within the designated kill zone. 4. Inflict damage to vehicles and equipment within the designated kill zone. 5. Delay enemy march element from reaching its destination for a specified period. 6. Withdraw, on order, within two minutes of ambush initiation. 7. Report actions to superiors.

TASK: CONDUCT DELIBERATE AMBUSH (63-OPFOR-1004)

CONDITION: OPFOR element is operating along an enemy MSR. OPFOR intelligence has reported that an enemy element is conducting a road march along the route. OPFOR has set up an ambush. The march element is approximately 15 minutes from the ambush point. OPFOR element possesses automatic weapons, anti-armor weapons, and command detonated mines. OPFOR HQ has ordered complete destruction of march element.

STANDARD: 1. Prepare ambush site before arrival of enemy element. 2. Surprise enemy forces. 3. Force enemy march element to halt in kill zone. 4. Initiate ambush on order of the OPFOR leader. 5. Kill, wound, or capture enemy personnel and destroy specified vehicles and equipment in the kill zone. 6. Engage enemy reinforcements and security elements. 7. Consolidate and withdraw from the area on order. 8. Report all specified PIR and other intelligence requirements.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Set Up Unit Defense (63-2-4011)

(FM 21-75)	(FM 10-27-2)	(FM 10-27-3)
(FM 3-100.4)	(FM 3-4)	(FM 7-10)
(STP 21-1-SMCT)	(STP 21-24-SMCT)	

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

CONDITIONS: The unit is required to complete the setup of the unit defense IAW the time limit set by the commander. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, the unit TSOP, and higher HQ TSOP are available. Unit defense plan is available. All fighting positions, locations of obstacles, and early warning devices are selected. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: All preparations are completed for the defense within the time specified and IAW the defense plan. At MOPP4, performance degradation factors increase response times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Unit leaders supervise setup of element defensive sector (071-326-5704, 071-326-5705, 052-195-3066, 071-326-5775). a. Assign all personnel to primary fighting positions based on type of weapon as prescribed in the defense plan. b. Assign sectors of fire for each primary position as prescribed in the defense plan. c. Assign alternate and supplementary positions for each primary position. d. Assign sectors of fire for each supplementary position. e. Verify sectors of fire, range cards, aiming stakes, and possible dead space before authorizing construction of positions. f. Supervise construction of individual fighting positions within the element's sector. g. Supervise clearing of fields of fire. h. Supervise construction of obstacles IAW the defense plan. i. Supervise construction of OP/LP. j. Supervise emplacement of expedient warning device and position barriers. k. Assign personnel to unit internal reaction force IAW defense plan. l. Prepare defensive sector sketch showing the location and sector of fire for each weapon, all known dead space, and the location and estimated ranges to prominent terrain features within the assigned area. m. Forward sector sketch to unit leader using analog and/or digital communications or messenger. n. Enforce safety procedures IAW TSOP and publications. o. Enforce environmental stewardship protection program procedures.		
2. Unit personnel construct primary fighting positions (071-326-0513, 071-326-5703, 071-331-0815, 071-710-0006, 071-331-0804, 071-025-0010, 071-312-4032, 071-312-3007, 071-030-0002, 071-022-0015). a. Identify position location and sector of fire as directed by unit leader.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Dig an initial hasty fighting position at least one-half meter (18 to 20 inches) deep and with partially cleared fields of fire. c. Walk sector to determine ranges and dead space using buddy system. d. Improve hasty fighting position to a two-man position. e. Install sector of fire stakes to identify area directed by unit leader. f. Prepare appropriate range card by sighting in automatic weapons, anti armor weapons, and grenade launchers on the assigned engagement area. g. Dig position to fit the natural cover available at least armpit deep using dirt to build a parapet (front cover) at least 18 inches thick. h. Dig two trench grenade sumps, one at each end of the two-man position, and sloped toward the sumps. i. Complete clearing fields of fire, using foliage for camouflage. j. Construct overhead and flank cover for fighting position as time permits. k. Camouflage position to prevent easy detection from 35 meters. l. Report completion of primary positions to the unit leader. m. Mark alternate and supplementary positions as directed by unit leader. n. Employ safety procedures IAW TSOP and publications. o. Employ environmental stewardship protection program procedures.		
3. Unit personnel emplace obstacles and early warning devices (071-331-0815, 071-710-0006, a. Place PEWS into operation at location(s) directed by the element leader. b. Emplace man-made barriers, concertina wire, and field expedient devices in locations directed by the unit leader. c. Position trip flares and field-expedient noise devices in locations directed by the unit leader. d. Camouflage all obstacles and devices. e. Report completion of barrier emplacements to the unit leader using analog and/or digital communications or messenger. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protection program procedures.		
* 4. Unit leaders supervise set up of defensive sector (071-326-5704, 071-326-5705, 052-195-3066, 071-326-5775). a. Consolidate element defense sketches, after verification of compliance, into a unit defensive sector sketch. b. Forward unit's defensive sector sketch to unit CP within one hour after arrival at the new site using analog and/or digital communications or messenger. c. Inspect unit positions to ensure structure, camouflage, and location comply with the unit defense plan and TSOP. d. Verify interlocking fires, dead space, and sector of fire for key weapon positions. e. Inspect OP/LP and personnel for communications, camouflage, and knowledge of withdrawal route. f. Inspect obstacles to ensure compliance with unit defense plan and TSOP. g. Report completion of sector set up to CP using analog and/or digital communications or messenger. h. Enforce safety procedures IAW TSOP and publications. i. Enforce environmental stewardship protection program procedures.		
5. Unit personnel establish OP/LP. a. Position OP/LP within effective small arms range of unit elements. b. Establish communications (analog and/or digital means) with nearest unit element and the CP.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Camouflage OP/LP to prevent it from being detected within 35 meters. d. Establish withdrawal route that provides adequate cover and concealment. * 6. Commander supervises set up of the unit's defensive sector. a. Inspects defensive preparation to ensure compliance with the defense plan. b. Consolidates element sector defense sketches, after verification of compliance, into the unit sector sketch. c. Forwards unit sector sketch to the battalion S2/S3 element using analog and/or digital communications or messenger. d. Maintains sector sketch in the CP using digital device and/or analog displays. e. Directs establishment of centrally located ammunition re-supply and casualty collection point in the unit area. f. Enforces safety procedures IAW TSOP and publications. g. Enforces environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
052-195-3066	Direct Construction of Non-Explosive Obstacles	STP 21-24-SMCT
071-022-0015	Prepare a Range Card for a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
071-025-0010	Prepare a Range Card for a M240B Machine Gun	STP 21-1-SMCT
071-030-0002	Prepare a Range Card for a MK19 Machine Gun	STP 21-1-SMCT
071-312-3007	Prepare a Range Card for a M60 Machine Gun	STP 21-1-SMCT
071-312-4032	Prepare a Range Card for a M249 Machine Gun	STP 21-1-SMCT
071-326-0513	Select Temporary Fighting Positions	STP 21-24-SMCT
071-326-5703	Construct Individual Fighting Positions	STP 21-1-SMCT
071-326-5704	Supervise Construction of a Fighting Position	STP 21-24-SMCT
071-326-5705	Establish an Observation Post	STP 21-24-SMCT
071-326-5775	Coordinate with an Adjacent Platoon	STP 21-24-SMCT
071-331-0804	Perform Surveillance Without the Aid of Electronic Devices	STP 21-1-SMCT
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT
071-710-0006	Plan Use of Night Vision Devices	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4009	Occupy New Operating Site	ARTEP 10-469-30-MTP
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Unit for Nuclear, Biological, and Chemical Conditions (63-2-4013)
(FM 3-4) (AR 350-41) (FM 3-100.4)
(FM 3-3) (STP 21-1-SMCT) (STP 21-24-SMCT)

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

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: An NBC threat exists. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The CP, bivouac and operational areas, and perimeter defenses are set up. Unit and individual NBC defense equipment are available. The unit commander has provided his guidance. Threat has the capability to deliver chemical/biological agents and nuclear weapons. NBC vulnerability analysis is performed by the higher HQ NBC officer/NCO and distributed to the unit. This task is performed under all day or night environmental conditions. Some iterations of this task should be performed in MOPP4. This task is always performed in MOPP4.

TASK STANDARDS: All NBC defense preparatory tasks are completed IAW the TSOP and OPORD and within the time set forth by the higher HQ staff personnel. At MOPP4, performance degradation factors increase time required to perform this task.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders plan unit NBC defense preparatory activities (031-503-4002, 031-506-2061). a. Identify stated policies and procedures by reviewing the TSOP and OPORD. b. Identify current NBC threat and recommended countermeasures in coordination with the higher HQ staff element and unit NBC specialist. c. Identify location(s) of natural shelters consistent with NBC threat. d. Identify location(s) for construction of protective shelters, if required or available. e. Identify location(s) for placement of automatic alarm systems. f. Provide instructions on improvement of individual and crew-served weapons fighting positions. g. Identify the availability of personnel to perform tasks. h. Designate MOPP level as prescribed by the higher HQ staff element. i. Establish decontamination priorities for operational sites in coordination with the higher HQ staff element. j. List tasks to be performed and time limits for each task. k. Disseminate NBC defense preparation plan to all sub-elements using analog and/or digital communications or messenger. l. Task elements to provide NBC equipment operators. m. Conduct MOPP analysis. n. Provide guidance for the protection of food, water, and mission essential supplies.		
* 2. Element leaders implement NBC defense plan and preparatory tasks (031-503-4002, 031-506-2061). a. Conduct inventory of all element NBC defense equipment.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Request issue of shortages from the unit supply facility. c. Direct placement of automatic alarm system(s) located in element areas. d. Direct improvement of individual fighting positions with consideration for blast, thermal, and nuclear radiation, electromagnetic pulse, transient radiation effects on electronics, and blackout. e. Supervise construction of protective shelters in assigned area. f. Assign each element member to a protective shelter. g. Forward roster of all element NBC defense equipment operators to the CP using appropriate BFACS. h. Provide instructions on audio and visual NBC alarms, MOPP level, and protective shelters. i. Inspect all NBC defense equipment for proper fit, serviceability, and accountability. j. Enforce field sanitation and personal hygiene measures. k. Inspect all element personnel for compliance with measures prescribed by the battalion and unit TSOP, OPORD, and commander's directives. l. Forward element completion report to CP using analog and/or digital communications or messenger. m. Enforce safety procedures IAW TSOP and applicable publications. n. Enforces environmental protection program procedures. 3. Unit personnel perform NBC defense preparatory tasks (031-503-1036). a. Construct protective shelters at locations designated by element leaders. b. Improve fighting positions with consideration for blast, thermal, and radiation effects. c. Perform PMCS on all survey equipment, monitoring equipment, and chemical detection equipment. d. Zero all dosimeters using appropriate charger. e. Inspect protective masks and clothing for serviceability and accountability. f. Identify assigned protective shelters or defensive positions in case of an attack. g. Carry protective mask with hood, skin decontamination kit, and detector paper (as permitted by designated MOPP level). h. Store over-garments, over-boots, and gloves within reach while at workstation (as permitted by designated MOPP level). i. Employ field sanitation and personal hygiene measures. j. Employ safety procedures IAW TSOP and publications. k. Employ environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
031-503-1036	Maintain Your Assigned Protective Mask	STP 21-1-SMCT
031-503-4002	Supervise Unit Preparation for a Nuclear, Biological, and Chemical Attack	STP 21-24-SMCT
031-506-2061	Conduct a Mask Fit Test	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Employ Operations Security Measures (63-2-4016)
(AR 530-1) (AR 380-19) (AR 380-19-1)
(AR 380-5) (TRADOC PAM 525-6)

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

CONDITIONS: Company operations are commencing. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, unit TSOP, and higher HQ TSOP are available. Support operations are being carried out IAW the support plan. The unit and higher HQ OPSEC plan are available. Threat forces are capable of intelligence gathering by electronic, visual, and audio means. Directed energy devices may be used in the area. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit's location is not compromised by electronic, visual, or auditory means. The unit prevents the threat from learning its strength, disposition, and intentions. At MOPP4, performance degradation factors increase the implementation time for OPSEC measures

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise OPSEC activities (301-371-1052, 301-371-1150, 301-371-1050). a. Inspect guard post and dismount point(s) to ensure compliance with TSOP or other written/oral instructions. b. Inspect unit's camouflage to ensure compliance with TSOP and command guidance. c. Monitor information security measures to ensure compliance with TSOP and command guidance. d. Monitor signal security measures to ensure compliance with TSOP and command guidance. e. Monitor employment of counter- and counter-counter-surveillance measures to ensure procedures are taken IAW TSOP and command guidance. f. Monitor employment of automated systems security and defense against DE devices preventive measures to ensure compliance with TSOP and command guidance. g. Perform "on-the-spot correction" when OPSEC weaknesses or violations are discovered.		
2. Unit personnel employ information security measures (301-371-1052, 301-371-1150, 301-371-1050). a. Account for all OPORDs and annexes by requiring receipt signature during distribution. NOTE: OPORDs should be sent by secure analog and/or digital means when possible to reduce the number of written copies. b. Account for all SOIs/SSIs at all times. c. Control all operational information on a need-to-know basis.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Maintain all classified information and materials in an authorized security container. e. Maintain emergency destruction instructions IAW applicable regulations and the TSOP. f. Maintain details of military activities separate from personnel activities. 3. Unit personnel employ SIGSEC measures (301-371-1150, 301-371-1050). a. Transmit mission essential information by secure radio or secure digital means only. NOTE: If situation permits, information should be transmitted by secure analog and/or digital device to minimize detection and voice transmissions. b. Employ authentication and encryption codes specified in the SOI/SSI. c. Employ code names for persons, equipment, units, and locations when transmitting over non-secure means IAW SOI/SSI. d. Transmit messages for no longer than 20 seconds. e. Report all COMSEC discrepancies/violations to higher HQ communications personnel. NOTE: Encryption may not be necessary with SINCGARS radios and digital communication. 4. Unit personnel employ electronic protection (301-371-1150, 301-371-1050). a. Tune equipment to assigned frequencies specified in current SOI/SSI. b. Observe, as directed, all radio silence periods. c. Employ correct anti-jamming procedures. d. Forward MIJI Feeder Voice Template Report to battalion communications personnel within 10 minutes of the incident using analog and/or digital communications. 5. Unit personnel employ counter-surveillance measures (301-371-1150, 301-371-1050). a. Employ litter prevention measures that keep area free of trash, litter, or personal items. b. Employ measures that prevent creating footpaths and vehicle tracks between elements in the unit area. c. Set radio volumes and squelches to lowest possible setting. 6. Unit personnel employ automated systems security (301-371-1150). a. Position computers within an enclosure that provides controlled access. b. Secure all electrical facilities that support the system. c. Restrict access to the computer by use of classified passwords. d. Control all log-ons and file access by the use of unique operator passwords. e. Destroy all printouts of reports and lists as new ones are printed. 7. Unit personnel employ defense against DE devices. a. Position unit equipment and vehicles in covered or concealed locations. b. Cover glass or mirrors within line-of-sight of known threat locations. c. Wear laser safety goggles when laser devices are used in the immediate area.		

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

Task Number	Task Title	References
301-371-1050	Implement Operations Security (OPSEC)	STP 21-1-SMCT
301-371-1052	Protect Classified Information and Material	STP 21-24-SMCT
301-371-1150	Identify Intelligence and Electronic Warfare (IEW) Assets	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT AERIAL RECONNAISSANCE (63-OPFOR-1007)

CONDITION: OPFOR HQ requires intelligence on the location and identification of enemy elements. Aircraft is dispatched to take photographs and conduct a visual inspection of enemy rear area.

STANDARD: 1. Photograph assigned sectors. 2. Make quick visual checks where cloud ceiling is low. 3. Locate enemy positions in the rear area, particularly support and storage bases, and C2 facilities. 4. Report PIR and other information requirements to OPFOR HQ.

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: CONDUCT ELECTRONIC WARFARE (63-OPFOR-1012)

CONDITION: OPFOR employs a large number of radio detection finding sets, along with ground and airborne communications analysts, to monitor enemy forces for loose communications security practices.

STANDARD: 1. Locate the positions of enemy command, intelligence, and logistics radio nets. 2. Forward locations to OPFOR HQ. 3. Use jamming signals against enemy radio receivers. 4. Monitor enemy radio nets for intelligence information.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Operational Decontamination (63-2-4018)
(FM 3-5) (FM 3-100) (FM 3-100.4)
(FM 3-3) (FM 3-4) (STP 21-1-SMCT)
(STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit has recently been attacked with a persistent chemical agent(s). Personnel are currently in MOPP4. Unit personnel and equipment have been contaminated. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, unit TSOP, and higher HQ TSOP are available. Replacement over-garments, M291 (skin) and M295 (individual equipment) decontamination kits, super tropical bleach, brooms, mops, and/or other expedient chemical defense items are on hand. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit personnel perform operational decontamination within 15 minutes after attack. At MOPP4, performance degradation factors increase decontamination times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit personnel perform essential decontamination (031-503-1013, 031-503-1035). a. Complete skin decontamination within one minute of attack or contamination. b. Conduct personal equipment wipe down with super tropical bleach. c. Employ safety procedures IAW TSOP and publications. d. Employ environmental stewardship protection program procedures. 2. Unit personnel exchange MOPP gear (031-503-1023). a. Perform individual decontamination of load-bearing equipment. b. Remove contaminated hoods and outer garment using the buddy system. c. Don fresh over-garments, overshoes, and gloves by using the buddy system. d. Secure hood using the buddy system. e. Secure individual load-bearing 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

Task Number	Task Title	References
031-503-1013	Decontaminate Yourself and Individual Equipment Using Chemical Decontaminating Kits	STP 21-1-SMCT
031-503-1023	Protect Yourself from Nuclear, Biological, and Chemical Injury/Contamination When Changing Mission-Oriented Protective Posture Gear	STP 21-24-SMCT
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4202	Prepare Unit for a Chemical Attack	ARTEP 10-469-30-MTP
63-2-4334	Respond to a Chemical Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Thorough Decontamination (63-2-4019)
(FM 3-5) (FM 3-100) (FM 3-100.4)
(FM 3-3) (FM 3-4) (STP 21-1-SMCT)
(STP 21-24-SMCT)

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

CONDITIONS: The unit has completed operations in a contaminated area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, unit TSOP, and higher HQ TSOP are available. The tactical situation allows the unit time to conduct thorough equipment decontamination. The higher HQ power-driven decontamination equipment and crew are available. Only those personnel directly involved in decontamination are in MOPP4. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Contamination removal allows personnel to operate equipment safely for extended periods at reduced MOPP levels.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit HQ coordinates for detailed equipment decontamination. a. Coordinates Call For Support for additional decontamination support requirements with higher HQ staff element using analog or digital communications or messenger. b. Coordinates time and location with higher HQ staff element or supporting decontamination element using analog or digital communications or messenger. c. Dispatches an advance party to rendezvous with decontamination elements at the decontamination site. d. Provides security and traffic control at the decontamination site.		
2. Unit prepares for decontamination (031-503-1013, 031-503-1035, and 031-503-1023). a. Completes basic soldier skill decontamination prior to leaving old AO. b. Prioritizes vehicles based on commander's guidance. c. Closes all windows and flaps on vehicles. d. Removes all items from inside vehicle that cannot be decontaminated by using DS2. e. Moves vehicles and equipment to the decontamination site.		
3. Unit processes vehicles and equipment through the decontamination site. a. Processes vehicles and equipment IAW directions of the decontamination element during decon operations. b. Moves vehicles to unit motor pool area after decontamination is completed. c. Employs safety procedures IAW TSOP and publications. d. Employs environmental stewardship protection program procedures.		
4. Unit clears the decontamination site. a. Provides assistance to decontamination element, as required.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Employs safety procedures IAW TSOP and publications. c. Employs environmental stewardship protection program procedures. d. Forwards completion report to higher HQ staff element using analog or digital communications.		

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

Task Number	Task Title	References
031-503-1013	Decontaminate Yourself and Individual Equipment Using Chemical Decontaminating Kits	STP 21-1-SMCT
031-503-1023	Protect Yourself from Nuclear, Biological, and Chemical Injury/Contamination When Changing Mission-Oriented Protective Posture Gear	STP 21-24-SMCT
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4202	Prepare Unit for a Chemical Attack	ARTEP 10-469-30-MTP
63-2-4334	Respond to a Chemical Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Respond to the Initial Effects of a Nuclear Attack (63-2-4020)
(FM 3-5) (FM 3-4) (STP 21-1-SMCT)
(STP 21-24-SMCT)

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

CONDITIONS: A brilliant light flashes across the horizon. Intelligence reports from higher HQ indicate the possible use of tactical nuclear weapons by threat forces. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with all annexes and overlays, unit TSOP, and higher HQ TSOP are available. The unit is supporting operations. All nonessential equipment is stowed for protection. Positions and equipment are hardened. MOPP level 2 is designated. The unit has all authorized NBC defense equipment on hand. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. This task is always performed in MOPP4.

TASK STANDARDS: Unit personnel take immediate protective actions and reorganize the area as prescribed by the OPORD and TSOP. At MOPP4, performance degradation factors increase protective action implementation times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit personnel employ immediate protective actions (031-503-1015, 031-503-1018, 031-503-2023, 301-503-3005). a. Seek cover after dismounting wheeled vehicle. b. Lie face down on ground with head toward blast. c. Drop to the floor or under a desk or table, if in a shelter or building. d. Cover eyes and exposed skin. e. Place hands or fingers over ears. f. Stay concealed and covered until blast wave passes and debris stops falling. g. Don protective mask with hood within 15 seconds after flash and blast have passed. h. Commence continuous monitoring. i. Protect all food, water, and mission essential supplies from contamination. j. Continue to improve positions prior to the arrival of fallout. k. Request permission to move out of the expected hazard area, if mission permits, using analog and digital communications. l. Report radiation exposure status to S2/S3 using analog and/or digital communications.		
2. Unit personnel reorganizes unit area (031-503-2023, 031-506-1053, 805C-PAD-2060). a. Inspects immediate area for casualties and damaged equipment. b. Forwards NBC 4 nuclear report to higher HQ using analog and/or digital communications. c. Performs ADC operations. d. Treats casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Transports casualties. NOTE: See Task 63-2-4316 for detailed casualty transportation procedures. f. Reestablishes chain of command. g. Resumes operational mission within time established by the higher HQ. h. Forwards casualty reports to higher HQ using analog and/or digital communications.		

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

Task Number	Task Title	References
031-503-1015	Protect Yourself from NBC Injury/ Contamination with Mission-Oriented Protective Posture (MOPP) Gear	STP 21-1-SMCT
031-503-1018	React to Nuclear Hazard/Attack	STP 21-1-SMCT
031-503-2023	Measure Radiation Dose Rate and Total Dose	STP 21-24-SMCT
031-503-3005	Submit a NBC 1 Report	STP 21-24-SMCT
031-506-1053	Report Nuclear, Biological, and Chemical Information Using Nuclear, Biological, and Chemical 4 Report	STP 21-24-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING TACTICAL NUCLEAR WEAPONS (63-OPFOR-1002)

CONDITION: Tactical nuclear weapons are employed against key locations in the rear area.

STANDARD: 1. Disrupt or delay movement of equipment and supplies to forward areas. 2. Destroy enemy equipment and supplies. 3. Inflict nuclear casualties among enemy troops. 4. Deny enemy use of specified areas. 5. Contaminate enemy equipment and supplies.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Defend Against a Level I Attack (63-2-4021)
(FM 21-75) (FM 3-3) (FM 3-4)
(FM 7-10) (STP 21-24-SMCT)

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

CONDITIONS: Automatic weapons fire is heard in the area. The unit is currently conducting its assigned mission. Intelligence reports from higher HQ indicate small threat elements are operating in the general area. Unit perimeter guards report that three to five individuals with automatic weapons and satchels are attempting to infiltrate unit defensive positions. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD with annexes and overlays, unit TSOP, and higher HQ TSOP are available. The unit is at a moderate perimeter manning level. S2 has designated the threat at Level I. Enemy attack causes casualties and damage to unit facilities. This task is performed under all day or night environment conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit defeats Level I threat actions using techniques outlined in the unit TSOP.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders direct response against a Level I attack (071-410-0019). a. Forward incident report to the S2/S3 using analog and/or digital communications. b. Notify all sub-elements of threat presence using analog and/or digital communications or messenger. c. Increase perimeter manning to appropriate levels. d. Direct unit fire and maneuver to defeat and drive intruders from the unit area. e. Direct internal reaction forces to critical command and control areas. f. Report current situation to S2/S3 as changes occur using analog and/or digital communications. g. Provide "All Clear" signal as soon as attack is over. h. Decrease perimeter manning level as tactical situation permits. i. Direct reorganization until unit returns to normal operational level. j. Forward casualty and battle damage reports to appropriate staff elements using analog and/or digital communications.		
2. Unit responds to a Level I attack (071-326-0502, 071-325-4407, 071-325-4425, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-030-0004, 071-313-3454, 071-311-2129). a. Sounds prescribed attack alarm. b. Occupies fighting positions, as directed. c. Continues normal operational mission with weapons and protective mask within reach, as directed. d. Assembles at pre-designated rally point (internal reaction force). e. Employs challenge and password to all personnel on CP defensive lines during night operations.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Engages Level I threat with all available fire until threat is defeated and driven from the CP area. g. Identifies casualties and weapon systems/equipment damages. h. Forwards SITREP to unit CP using analog and/or digital communications or messenger. 3. Unit responds to the effects of a Level I attack (081-831-0101, 081-831-1054, 805C-PAD-2060, 301-371-1200, 071-430-0007, 071-430-0008). a. Replaces key injured personnel. b. Replaces weapon systems that are destroyed during engagement. c. Relocates compromised fighting positions. d. Camouflages positions. e. Treats casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. f. Transports casualties. NOTE: See Task 63-2-4316 for detailed casualty transportation procedures. g. Performs ADC operations. NOTE: See Task 63-2-4028 for detailed ADC procedures. h. Inspects communication lines for breaks or tampering. i. Forwards personnel and equipment status report to unit CP using analog and digital communications or messenger. j. Assembles KIAs and personal effects at designated location. NOTE: See Task 10-2-4513 for detailed MA procedures. k. Moves all EPW to a designated collection area. NOTE: See Task 63-2-4304 for details on EPW processing.		

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

Task Number	Task Title	References
071-008-0007	Engage Targets with a M16-Series Rifle Using an AN/PAS-13 Series Thermal Sight	STP 21-1-SMCT
071-010-0006	Engage Targets with a M249 Machine Gun	STP 21-1-SMCT
071-025-0007	Engage Targets with a M240B Machine Gun	STP 21-1-SMCT
071-030-0004	Engage Targets with a MK19 Machine Gun	STP 21-1-SMCT
071-311-2129	Engage Targets with a M203 Grenade Launcher	STP 21-1-SMCT
071-312-3031	Engage Targets with a M60 Machine Gun	STP 21-1-SMCT
071-313-3454	Engage Targets with a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
071-325-4407	Employ Hand Grenades	STP 21-1-SMCT
071-325-4425	Employ a M18A1 Claymore Mine	STP 21-1-SMCT
071-326-0502	Move Under Direct Fire	STP 21-1-SMCT
071-410-0019	Control Organic Fires	STP 21-24-SMCT
071-430-0007	Consolidate a Platoon Following Enemy Contact While in the Defense	STP 21-24-SMCT
071-430-0008	Reorganize a Platoon Following Enemy Contact While in the Defense	STP 21-24-SMCT
081-831-0101	Request Medical Evaluation	STP 21-24-SMCT
081-831-1054	Evaluate Casualties	STP 21-24-SMCT
301-371-1200	Process Captured Materiel	STP 21-24-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT RAID (63-OPFOR-1009)

CONDITION: OPFOR element has occupied an objective rally point and has orders to conduct a raid on a CSS base.

STANDARD: 1. Surprise enemy forces. 2. Assault enemy support base and accomplish assigned tasks. 3. Destroy specified equipment and supplies. 4. Avoid decisive engagement. 5. Withdraw all personnel from objective area(s) within time prescribed. 6. Obtain all PIR from raid site.

TASK: CONDUCT TERRORIST AND SABOTEUR ATTACKS (63-OPFOR-1013)

CONDITION: OPFOR dispatches small teams into enemy rear area to disrupt CSS operations.

STANDARD: 1. Locate rear support bases and C2 facilities. 2. Delay and disrupt CSS operations through probes. 3. Infiltrate CSS bases to conduct sabotage and terrorist activities. 4. Inflict casualties. 5. Destroy supplies and equipment.

TASK: ATTACK (63-OPFOR-1010)

CONDITION: Enemy rear area CSS base has been located by OPFOR element. PIR and other intelligence requirements have been obtained by OPFOR patrols. OPFOR element has automatic and anti-armor weapons, and light mortars. OPFOR element is the size of approximately two platoons.

STANDARD: 1. Develop an attack plan. 2. Initiate attack using a scheme of maneuver that exploits enemy flanks, gaps, and identified weaknesses. 3. Use covered and concealed routes to approach enemy forces flanks, gaps, or weakly held areas. 4. Employ indirect fire to support attack. 5. Penetrate enemy defenses. 6. Destroy all equipment and supplies. 7. Inflict heavy casualties. 8. Isolate the CSS base by blocking reinforcements. 9. Force enemy units to displace. 10. Withdraw before CSS base is reinforced with tactical combat forces.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Unit for Level II/III Threat (63-2-4022)
(FM 7-10) (FM 21-75) (FM 3-100)
(FM 3-4)

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

CONDITIONS: The unit is notified of a company-sized threat unit operating in the rear area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The higher HQ CP has ordered a defensive posture level increase and has moved the protective posture to MOPP2. Defense plans are prepared. Fighting positions, obstacles, and warning devices are emplaced or constructed. The unit continues to provide limited support to higher HQ tactical operations. This task is conducted under all day or night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit is prepared to engage threat as prescribed in the TSOP and OPORD. At MOPP4, performance degradation factors significantly increase defensive posture preparation time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders direct preparation for threat engagement (071-326-5775). a. Plot threat force locations on the situation map as SPOTREPs are received. b. Disseminate current tactical situation to all subordinate elements using analog and/or digital communications or messenger. c. Direct mustering of internal response forces at pre-designated rally point(s). d. Direct increase in defensive position manning levels. e. Shift internal defense forces to Level II perimeter positions. f. Coordinate defense preparations with adjacent units analog and/or digital communications. g. Direct preliminary loading of nonessential equipment and supplies. h. Direct positioning of vehicles for immediate exit.		
2. Unit performs pre-engagement activities (071-331-0815, 071-710-0006, 071-325-4401, 071-025-0010, 071-312-4032, 071-030-0002, 071-022-0015). a. Occupies fighting positions (designated soldiers only). b. Employs MOPP2, as a minimum. c. Moves response force to pre-designated positions within the nearest cluster. d. Moves supplies to predetermined positions within the nearest cluster. e. Loads all nonessential equipment and supplies. f. Positions vehicles for rapid dispersion. g. Maintains surveillance of assigned sector(s). h. Maintains NBC surveillance. i. Maintains strict light and noise discipline.		

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

Task Number	Task Title	References
071-022-0015	Prepare a Range Card for a Caliber .50 Machine Gun	STP 21-1-SMCT
071-025-0010	Prepare a Range Card for a M240B Machine Gun	STP 21-1-SMCT
071-030-0002	Prepare a Range Card for a MK19 Machine Gun	STP 21-1-SMCT
071-312-4032	Prepare a Range Card for a M60 Machine Gun	STP 21-1-SMCT
071-325-4401	Perform Safety Checks on Hand Grenades	STP 21-1-SMCT
071-326-5775	Coordinate with an Adjacent Platoon	STP 21-24-SMCT
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT
071-710-0006	Plan Use of Night Vision Devices	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: ATTACK (63-OPFOR-1010)

CONDITION: Enemy rear area CSS base has been located by OPFOR element. PIR and other intelligence requirements have been obtained by OPFOR patrols. OPFOR element has automatic and anti-armor weapons, and light mortars. OPFOR element is the size of approximately two platoons.

STANDARD: 1. Develop an attack plan. 2. Initiate attack using a scheme of maneuver that exploits enemy flanks, gaps, and identified weaknesses. 3. Use covered and concealed routes to approach enemy forces flanks, gaps, or weakly held areas. 4. Employ indirect fire to support attack. 5. Penetrate enemy defenses. 6. Destroy all equipment and supplies. 7. Inflict heavy casualties. 8. Isolate the CSS base by blocking reinforcements. 9. Force enemy units to displace. 10. Withdraw before CSS base is reinforced with tactical combat forces.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Conduct Hasty Displacement (63-2-4023)
(FM 7-10) (FM 21-75) (FM 3-3)
(FM 3-4) (STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: The BCOC has directed the unit to displace its CP to a new location. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Threat force contact is expected to occur within a specified period of time. Pre-engagement activities have been completed. Threat force may arrive before displacement is completed. Indirect fire and smoke support, if required, has been coordinated to cover displacement. The commander has designated a small rear security party and vehicles necessary for their transportation. Initial displacement preparations were made during defense buildup. Destruction of supplies, documents, and equipment has been coordinated with the BCOC. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit relocates within time specified in the order. Under MOPP4, displacement times are increased threefold.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders organize unit for hasty displacement (071-329-1019). a. Assemble soldiers at designated area. b. Brief hasty displacement procedures to soldiers. c. Assign elements tasks and responsibilities. d. Designate vehicles to transport casualties. e. Coordinate Call For Support with S2/S3 for possible aero-medical evacuation using analog and/or digital communications. f. Coordinate for indirect fire and smoke support with S2/S3 using analog and/or digital communications. g. Brief rear security party. h. Brief location of new assembly area and designated route.		
2. Unit prepares for hasty displacement (081-831-1046). a. Dismantles tentage, antennas, and other equipment as directed by the chain of command. NOTE: This performance measure is executed emphasizing speed rather than standard procedures. b. Loads equipment IAW commander's guidance. c. Positions vehicles for departure on notice. d. Maintains local security while awaiting orders to move.		
3. Unit destroys non-medical supplies, equipment, and documents that have been designated for abandonment. a. Destroys documents IAW TSOP. b. Destroys supplies IAW appropriate TM and TSOP. c. Renders equipment inoperative IAW appropriate TM.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
4. Unit departs area. a. Conducts orderly departure from area without excessive noises. b. Moves elements to new assembly area via prescribed route. 5. Rear security party provides security for unit displacement. a. Occupies fighting positions. b. Exits area as soon as last element has departed. NOTE: If threat elements are in the area and must be engaged, delete existing subparagraph "b" above and insert the following performance measures. b. Engages threat, when sighted, with all available weapons. c. Performs disengagement under fire to supplementary positions. d. Exits area by available means.		

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

Task Number	Task Title	References
071-329-1019	Use a Map Overlay	STP 21-24-SMCT
081-831-1046	Transport a Casualty	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4024	Defend Unit Area	ARTEP 10-469-30-MTP
63-2-4025	Perform Withdrawal Under Fire	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: CONDUCT TERRORIST AND SABOTEUR ATTACKS (63-OPFOR-1013)

CONDITION: OPFOR dispatches small teams into enemy rear area to disrupt CSS operations.

STANDARD: 1. Locate rear support bases and C2 facilities. 2. Delay and disrupt CSS operations through probes. 3. Infiltrate CSS bases to conduct sabotage and terrorist activities. 4. Inflict casualties. 5. Destroy supplies and equipment.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Defend Unit Area (63-2-4024)
(FM 7-10) (FM 21-75) (FM 3-3)
(FM 3-4) (FM 3-5) (STP 21-1-SMCT)
(STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: OP reports a threat element is approaching the unit's defensive sector. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit has completed defensive preparations, including preplanned fire support coordination. Enemy attacking elements can be engaged with indirect fire before they reach the unit's defensive perimeter. The BCOC has tasked the unit to assist in directing artillery fire and CAS in its assigned area of defense. Higher HQ staff element has directed all but "priority" CSS to be discontinued and all available personnel be assigned to defensive perimeter duties. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Threat force is repelled or delayed until the unit is relieved by MP or TCF. At MOPP4 performance degradation factors increase reaction times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders direct reaction to threat elements (071-410-0019, 071-326-0608, 071-430-0006, and 805C-PAD-2060). a. Direct suspension of support activities. b. Direct employment of maximum defensive level. c. Recall all OP personnel, if not detected by threat forces. d. Maintain map surveillance of all threat activity in the unit's sector. e. Forward SPOTREPs to S2/S3 using analog and/or digital communications. f. Forward SHELLREPs to S2/S3 using analog and/or digital communications. g. Maintain communications with the S2/S3 using analog and/or digital communications. h. Direct unit by fire and maneuver to repel and/or delay penetration of threat forces into the CP area. i. Maintain current situation map with all known friendly and threat locations using analog and/or digital communications.		
2. Unit personnel react to threat (071-326-0608, 071-430-0006, 071-326-0502, 071-325-4407, 071-325-4425, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-030-0004, 071-313-3454, 071-311-2129, 081-831-0101, 081-831-1054, 805C-PAD-2060). a. Sound attack alarm. b. Occupy defensive positions. c. Forward SALUTE report to CP using analog and/or digital communications. d. Engage threat with organic weapons without compromising positions. e. Conduct tactical fire and maneuver to repel and/or delay penetration into CP defense. f. Forward SITREP to CP using analog and/or digital communications. g. Treat casualties with life-threatening wounds or injuries first.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
h. Replace injured key personnel. i. Replace weapons systems that are destroyed during the engagement. 3. Unit personnel react to indirect fire (061-283-6003). a. Sound alarm by shouting "incoming" and following TSOP and/or leader's commands. b. Seek overhead cover protection of fighting position. c. Don protective masks within 9 seconds (with hood, within 15 seconds). d. Forward SHELLREP to unit CP using analog and/or digital communications. e. Conduct standard unmasking procedures, if chemical detector kit or detector paper is not available. * 4. Commander and leaders coordinate indirect fire support (061-283-6003). a. Coordinate preplanned fires with the S2/S3 fire support element using analog and/or digital communications. b. Establish communications with fire support operations center using analog and/or digital communications. c. Request fire support using proper procedures and terminology using analog and/or digital communications as time permits. d. Adjust fires on target, as necessary. e. Terminate fire mission using analog and/or digital communications as time permits. f. Report effects of fires to S2/S3 using analog and/or digital communications. * 5. Commander and leaders direct CAS. a. Coordinate CAS mission through the S2/S3 using analog and/or digital communications. b. Coordinate communications with CAS strike leader through the S2/S3 using analog and/or digital communications. c. Prepare unit area for CAS strikes. d. Identify friendly positions by use of colored smoke. e. Identify targets to strike leader. f. Adjust air strikes on target(s). g. Terminate CAS mission. h. Report strike effects to S2/S3 using analog and/or digital communications. i. Forward SITREP to S2/S3 using analog and/or digital communications.		

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

Task Number	Task Title	References
061-283-6003	Adjust Indirect Fire	STP 21-24-SMCT

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
071-008-0007	Engage Targets with a M16-Series Rifle Using an AN/PAS-13 Series Thermal Sight	STP 21-1-SMCT
071-010-0006	Engage Targets with a M249 Machine Gun	STP 21-1-SMCT
071-025-0007	Engage Targets with a M240B Machine Gun	STP 21-1-SMCT
071-030-0004	Engage Targets with a MK19 Machine Gun	STP 21-1-SMCT
071-311-2129	Engage Targets with a M203 Grenade Launcher	STP 21-1-SMCT
071-312-3031	Engage Targets with a M60 Machine Gun	STP 21-1-SMCT
071-313-3454	Engage Targets with a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
071-325-4407	Employ Hand Grenades	STP 21-1-SMCT
071-325-4425	Employ a M18A1 Claymore Mine	STP 21-1-SMCT
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
071-326-0502	Move Under Direct Fire	STP 21-1-SMCT
071-410-0019	Control Organic Fires	STP 21-24-SMCT
071-430-0006	Conduct a Defense by a Platoon	STP 21-24-SMCT
081-831-0101	Request Medical Evaluation	STP 21-24-SMCT
081-831-1054	Evaluate Casualties	STP 21-24-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4022	Prepare Unit for Level II/III Threat	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT AIR ATTACKS (63-OPFOR-1006)

CONDITION: OPFOR elements in the rear area have forwarded the positions of enemy support sites and/or the locations of road march elements to OPFOR HQ. OPFOR aircraft have been dispatched to attack enemy installations or convoys.

STANDARD: 1. Locate command and control site(s) or convoys. 2. Conduct attack runs on designated target(s). 3. Destroy enemy equipment, supplies, vehicles, and personnel.

TASK: ATTACK (63-OPFOR-1010)

CONDITION: Enemy rear area CSS base has been located by OPFOR element. PIR and other intelligence requirements have been obtained by OPFOR patrols. OPFOR element has automatic and anti-armor weapons, and light mortars. OPFOR element is the size of approximately two platoons.

STANDARD: 1. Develop an attack plan. 2. Initiate attack using a scheme of maneuver that exploits enemy flanks, gaps, and identified weaknesses. 3. Use covered and concealed routes to approach enemy forces flanks, gaps, or weakly held areas. 4. Employ indirect fire to support attack. 5. Penetrate enemy defenses. 6. Destroy all equipment and supplies. 7. Inflict heavy casualties. 8. Isolate the CSS base by blocking reinforcements. 9. Force enemy units to displace. 10. Withdraw before CSS base is reinforced with tactical combat forces.

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Withdrawal under Fire (63-2-4025)
(FM 7-10) (FM 21-75) (FM 3-4)
(FM 3-5)

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

CONDITIONS: The unit is currently engaging threat elements along its defensive sector. The S2/S3 has directed withdrawal to supplementary fighting positions. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Execution times have been established for relocation activities, including indirect fires to cover withdrawal operations. The unit is required to furnish internal smoke screening in addition to pre-planned smoke-screen fires from support artillery. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Supplementary positions are occupied and unit is prepared to engage threat. Withdrawal actions are performed using techniques outlined in the unit TSOP and OPORD. At MOPP4 performance degradation factors increase time required for withdrawal under fire.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise disengagement under fire (061-283-6003, 071-430-0003). a. Maintain situational awareness using analog and/or digital communications or messenger. b. Identify disengagement method to be used. c. Designate movement element (first element). d. Designate base of fire element (second element). e. Brief element leaders on disengagement phases and procedures. f. Monitor execution of disengagement for compliance with commander's directives. g. Forward completion report to S2/S3 using analog and/or digital communications or messenger.		
2. Unit performs fire and movement to rear (061-283-6003, 071-326-0502, 071-325-4407, 071-325-4425, 071-008-0007, 071-025-0007, 071-010-0006, 071-312-3031, 071-030-0004, 071-313-3454, 071-311-2129). a. Coordinates for execution of fire and movement among elements (all elements). b. Employs smoke grenades that provide a screen to cover disengagement. c. Lays down a base of fire with all available weapons (second element). d. Moves from primary to supplementary fighting positions (first element). e. Lays down a base of fire with all available weapons (first element). f. Moves from primary to supplementary fighting positions (second element). g. Reestablishes sectors of fire within 10 minutes of move. h. Forwards completion report to the CP using analog and/or digital communications or messenger.		

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

Task Number	Task Title	References
061-283-6003	Adjust Indirect Fire	STP 21-24-SMCT
071-008-0007	Engage Targets with a M16-Series Rifle Using an AN/PAS-13 Series Thermal Sight	STP 21-1-SMCT
071-010-0006	Engage Targets with a M249 Machine Gun	STP 21-1-SMCT
071-025-0007	Engage Targets with a M240B Machine Gun	STP 21-1-SMCT
071-030-0004	Engage Targets with a MK19 Machine Gun	STP 21-1-SMCT
071-311-2129	Engage Targets with a M203 Grenade Launcher	STP 21-1-SMCT
071-312-3031	Engage Targets with a M60 Machine Gun	STP 21-1-SMCT
071-313-3454	Engage Targets with a Caliber .50 M2 Machine Gun	STP 21-1-SMCT
071-325-4407	Employ Hand Grenades	STP 21-1-SMCT
071-325-4425	Employ a M18A1 Claymore Mine	STP 21-1-SMCT
071-326-0502	Move Under Direct Fire	STP 21-1-SMCT
071-430-0003	Consolidate a Squad Following Enemy Contact While in the Defense	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4022	Prepare Unit for Level II/III Threat	ARTEP 10-469-30-MTP
63-2-4023	Conduct Hasty Displacement	ARTEP 10-469-30-MTP
63-2-4024	Defend Unit Area	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Reorganize Unit Defense (63-2-4026)
(FM 7-10) (FM 20-3) (FM 21-75)
(STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: The unit has successfully defended its area during an attack by threat elements. The attacking elements have broken contact and withdrawn from the immediate area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The unit maintains a high state of readiness. The unit has sustained casualties and damages to defensive positions. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit defenses are reorganized within the time prescribed by the commander. At MOPP4, performance degradation factors increase defense reorganization completion times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise reorganization of unit defenses (071-326-5704, 071-430-0004, 052-195-3066, 071-430-0008). a. Maintain situational awareness using analog and/or digital communications or messenger. b. Identify status of personnel, weapons, and equipment. c. Fill key leadership positions. d. Reassign personnel to weapon systems most critical to unit defense. e. Supervise distribution or redistribution of ammunition. f. Request ammunition re-supply through the S4 element using analog and/or digital communications or messenger. g. Reassign fighting positions and sectors of fire. h. Supervise replacement and/or reconstruction of fighting positions, camouflage, and obstacles. i. Prepare updated unit defense sketch. j. Forward sketch to the S2/S3 using digital/analog device or messenger. k. Forward personnel, weapons, and equipment status report to the S1 and S4 using analog and/or digital communications or messenger.		
2. Unit performs defensive reorganization activities (071-326-5703, 071-331-0815). a. Mans all critical weapon systems. b. Redistributes ammunition to all fighting positions. c. Reports ammunition status to CP using analog and/or digital communications or messenger. d. Occupies newly assigned fighting positions. e. Establishes new sectors of fire. f. Performs PMCS on assigned weapons. g. Reconstructs fighting positions. h. Reconstructs obstacles and warning devices. i. Replaces damaged camouflage.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
j. Reports all threat activities to CP using analog and/or digital communications or messenger. k. Treats casualties. NOTE: See Task 63-2-4517 for detailed treatment procedures. l. Transports casualties. NOTE: See Task 63-2-4316 for detailed casualty transportation procedures. m. Reports all casualties to CP using analog and/or digital communications or messenger.		

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

Task Number	Task Title	References
052-195-3066	Direct Construction of Non-Explosive Obstacles	STP 21-24-SMCT
071-326-5703	Construct Individual Fighting Positions	STP 21-1-SMCT
071-326-5704	Supervise Construction of a Fighting Position	STP 21-24-SMCT
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT
071-430-0004	Reorganize a Squad Following Enemy Contact While in the Defense	STP 21-24-SMCT
071-430-0008	Reorganize a Platoon Following Enemy Contact While in the Defense	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4023	Conduct Hasty Displacement	ARTEP 10-469-30-MTP
63-2-4025	Perform Withdrawal Under Fire	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Execute Battle Handover (63-2-4027)
(FM 7-10) (FM 21-75) (FM 3-4)

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

CONDITIONS: The S2/S3 has issued a FRAGO directing the unit to prepare to hand the current engagement over to the TCF or MP area security elements. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. TCF or MP units are located in an assembly area awaiting deployment. Contact with the enemy has been broken. Indirect fire and smoke have been coordinated to cover disengagement and handover operations. TCF or MP elements are required to assume responsibility for defensive operations until the unit defense is released again to the commander. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Battle handover operations are conducted IAW the TSOP and current FRAGO and are undetected by threat. At MOPP4, battle handover operations are significantly degraded.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise battle handover assistance (071-329-1019). a. Maintain situational awareness using analog and/or digital communications. b. Coordinate with S2/S3 location of battle handover line and contact points in the unit's assigned area. c. Coordinate with S2/S3 for information on indirect fire and smoke support using analog and/or digital communications. d. Disseminate battle handover information to subordinate elements using analog and/or digital communications or messenger. e. Re-deploy troops to assist in handover using analog and/or digital communications or messenger. f. Maintain communication with TCF or MP elements using analog and/or digital communications or messenger. g. Exchange tactical information with TCF or MP element counterpart using analog and/or digital communications or messenger. h. Forward handover completion report to S2/S3 using analog and/or digital communications.		
2. Unit provides battle handover assistance. a. Establish contact points. b. Establish over-watch positions. c. Marks TCF or MP unit routes. d. Guides TCF or MP units along specified routes. e. Provide over-watch for TCF or MP. f. Forward handover completion report to CP using analog and/or digital communications.		

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

Task Number	Task Title	References
071-329-1019	Use a Map Overlay	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4025	Perform Withdrawal Under Fire	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: ATTACK (63-OPFOR-1010)

CONDITION: Enemy rear area CSS base has been located by OPFOR element. PIR and other intelligence requirements have been obtained by OPFOR patrols. OPFOR element has automatic and anti-armor weapons, and light mortars. OPFOR element is the size of approximately two platoons.

STANDARD: 1. Develop an attack plan. 2. Initiate attack using a scheme of maneuver that exploits enemy flanks, gaps, and identified weaknesses. 3. Use covered and concealed routes to approach enemy forces flanks, gaps, or weakly held areas. 4. Employ indirect fire to support attack. 5. Penetrate enemy defenses. 6. Destroy all equipment and supplies. 7. Inflict heavy casualties. 8. Isolate the CSS base by blocking reinforcements. 9. Force enemy units to displace. 10. Withdraw before CSS base is reinforced with tactical combat forces.

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Area Damage Control Functions (63-2-4028)
(FM 100-14) (FM 21-16) (FM 3-100.4)
(FM 3-3) (FM 3-4) (STP 21-1-SMCT)
(STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is relieved of a threat encounter or threat forces have completely withdrawn from the area. The attack has caused heavy damage to the unit area. The commander and/or higher HQ have required a damage assessment be performed. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Higher level HQ Control and Assessment CP have been established and is manned by control and assessment team personnel. ADC resources are not expended to remove or repair materials or structures that have no impact on mission accomplishment. Assistance is provided to supported elements, as required. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: All mission-hindering debris and safety hazards are cleared and marked. ADC is conducted IAW the higher HQ TSOP and OPORD. At MOPP4, performance degradation factors minimally increase ADC activities completion times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise unit ADC activities (101-92Y-0006, 850-001-2000). a. Identify damage to CP area. b. Forward ADC SITREP to Control and Assessment CP using analog and/or digital communications or messenger. c. Identify ADC policies and procedures by reviewing appropriate annex of the TSOP and higher HQ rear operations annex. d. Identify danger areas and informs subordinate elements. e. Supervise unit restoration activities. f. Coordinate additional support requirements with Control and Assessment CP using analog and/or digital communications or messenger. g. Coordinate dispatch of ADC teams with Control and Assessment CP using analog and/or digital communications.		
* 2. Commander and leaders organize unit ADC teams. a. Assemble required team members and equipment IAW the higher HQ OPORD and TSOP. b. Dispatch control and assessment team personnel and equipment to Control and Assessment CP. c. Organize decontamination squad(s) and light rescue squad(s) as prescribed by TSOP and higher HQ S4 guidance. d. Brief decontamination and rescue squads. e. Dispatch decontamination and rescue squads as directed by Control and Assessment CP.		
3. Unit performs restoration activities.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Establishes barrier and/or checkpoints that deny access to danger areas such as those containing unexploded ordnance, POL fires, and damaged structures. b. Treats casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. c. Transports casualties. NOTE: See Task 63-2-4316 for detailed casualty transportation procedures. d. Relocates major items of equipment and supplies to safe areas. e. Conducts fire fighting operations until all threatening fires are extinguished. f. Employs NBC defense measures. g. Removes rubble, debris, and inoperative vehicles and equipment (mission essential only). h. Reports locations of fires and unexploded ordnance to control and assessment team using analog and/or digital communications. i. Employs safety procedures IAW TSOP and publications. j. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-92Y-0006	Inspect Equipment for Accountability, Cleanliness, and Serviceability	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4014	Plan Area Damage Control Operations	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare Unit for a Chemical Attack (63-2-4202)
(FM 3-4) (FM 3-100) (FM 3-3)
(STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: Based on intelligence reports, threat forces are expected to use chemical weapons. Higher HQ staff element directs the implementation of actions designed to minimize casualties and damage. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit is currently operating at MOPP2. This task is performed under all environmental conditions, both day and night. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Preparations for the chemical attack are completed prior to the attack or the effects of the attack reaching the unit's location are minimized. At MOPP4, performance degradation factors increase reaction times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders issue warning order (081-831-9000, 031-503-3008, and 031-503-4002). a. Maintain situational awareness using analog and/or digital communications. b. Conduct Chemical Vulnerability Analysis. c. Conduct MOPP Analysis. d. Notify all unit personnel and assigned and attached or OPCON elements of threat status using analog and digital communications or messenger. e. Direct implementation of defensive preparations consistent with the mission and threat. f. Provide guidance on level of degradation of support mission.		
2. Unit personnel take additional actions consistent with mission (031-503-1035, 031-503-1036, and 031-503-1037). a. Harden individual fighting positions and support facilities. b. Employ proper field sanitation measures and personal hygiene. c. Check operation of detection equipment as directed by leaders and supervisors. d. Identify protective shelter location(s), if available. e. Inspect all unit personnel protective masks and clothing for proper fitting. f. Cover all exposed equipment and supplies. g. Implement procedures to prevent further contamination IAW the TSOP. h. Shut down all nonessential equipment. i. Monitor area by testing with detector kits and/or paper to determine level of contamination.		

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

Task Number	Task Title	References
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT
031-503-1036	Maintain Your Assigned Protective Mask	STP 21-1-SMCT
031-503-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	STP 21-1-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-503-4002	Supervise Unit Preparation for a Nuclear, ,Biological, and Chemical Attack	STP 21-24-SMCT
081-831-9000	Implement Preventive Medicine Measures (PMM)	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING PERSISTENT AND NON-PERSISTENT CHEMICAL WEAPONS (63-OPFOR-1001)

CONDITION: OPFOR units deliver chemical agents by means of conventional artillery weapons or aircraft along selected routes and key bases in the rear area.

STANDARD: 1. Deliver chemical agents in low lying and/or densely wooded areas. 2. Delay movement of enemy supplies and equipment to forward areas by disrupting C2 system. 3. Restrict enemy units’ movement in rear area. 4. Channel movement into pre-designated ambush areas. 5. Contaminate enemy supplies and equipment. 6. Inflict casualties on enemy forces.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Radiological Decontamination (63-2-4207)
(FM 3-5) (FM 3-100.4) (FM 3-4)
(STP 21-1-SMCT) (STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit area has been contaminated by radiological fallout. NBC 3 and OEG have been provided by the higher HQ staff element. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. External NBC decontamination support has been requested in coordination with the higher HQ staff element. This task is performed under all environmental conditions both day and night. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit decontaminates personnel and equipment to within the designated negligible risk level established by higher HQ staff element. At MOPP4, performance degradation factors increase time required to complete this task.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit performs basic skill decontamination procedures (031-503-1015, 031-503-1018, 031-503-2023, 031-503-3008). a. Maintain situational awareness using analog and/or digital communications.. b. Starts basic soldier skills procedures within 15 minutes of indications of contamination. c. Employs basic soldier skill procedures IAW higher HQ and unit TSOP. d. Disposes of contaminated dust and articles IAW prescribed techniques in higher HQ OPORD and TSOP. e. Employ safety procedures IAW TSOP and publications. f. Employ environmental stewardship protection program procedures.		
2. Unit performs hasty vehicle and equipment decontamination procedures. a. Starts procedures within 30 minutes of indications of contamination, if mission permits. b. Employs hasty vehicle and equipment decontamination procedures IAW OPORD and TSOP. c. Disposes of contaminated dust and water IAW prescribed techniques in the TSOP. d. Employ safety procedures IAW TSOP and publications. e. Employ environmental stewardship protection program procedures.		
* 3. Commander directs resumption of operational mission (031-503-2023, 031-503-3008, and 031-503-3010). a. Directs elements to perform assigned mission as specified by the TSOP, OPORD, and commander's guidance using analog and/or digital communications or messenger. b. Monitors unit radiation status in coordination with each sub-element to ensure compliance with higher HQ commander's OEG.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Forwards radiation status updates to higher HQ staff element using analog and/or digital communications. d. Coordinates replenishment of NBC decon items with the higher HQ staff element using analog and/or digital communications and follows up the requests by requisitioning supplies using the ULLS-S4 module requisition mode.		

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

Task Number	Task Title	References
031-503-1015	Protect Yourself From NBC Injury/ Contamination with Mission-Oriented Protective Posture	STP 21-1-SMCT
031-503-1018	React to Nuclear Hazard/Attack	STP 21-1-SMCT
031-503-2023	Measure Radiation Dose Rate and Total Dose	STP 21-24-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-503-3010	Supervise the Employment of Nuclear, Biological, and Chemical Markers	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4020	Respond to the Initial Effects of a Nuclear Attack	ARTEP 10-469-30-MTP
63-2-4327	Prepare for a Friendly Nuclear Strike	ARTEP 10-469-30-MTP
63-2-4328	Respond to the Residual Effects of a Nuclear Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Cross a Chemically Contaminated Area (63-2-4226)
(FM 3-3) (FM 3-100) (FM 3-4)
(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: Orders have been received from the higher HQ staff element to cross a chemically contaminated area. The area cannot be bypassed without unacceptable delay to the move. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The unit is currently located in an assembly area that provides concealment. MOPP level 2 has been designated and NBC reconnaissance, survey, and control teams are prepared for their respective missions. The unit's NBC teams will confirm, during reconnaissance, the location of the contaminated area and the type of contamination. The higher HQ staff element has coordinated for additional chemical decontamination support. Assembly areas will be designated in concealed areas or road networks, as the tactical situation dictates. This task is performed in all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. This task is always performed in MOPP4.

TASK STANDARDS: Unit crosses contaminated area by quickest route possible. At MOPP4, performance degradation factors increase task performance times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Leading convoy element employs immediate protective measures (031-503-1035, 031-503-1015, 031-503-1019, 031-503-3008). a. Assumes MOPP level 4. b. Conducts individual basic soldier skill decontamination, as necessary.		
* 2. Convoy commander relays NBC information to march element(s) (031-503-1035, 031-503-1015, 031-503-1019, 031-503-3008, and 031-503-3005). a. Notifies convoy element(s) of exact location and type of chemical contamination using analog and/or digital communications. b. Plots contaminated area on map overlays and in digital device. c. Provides required protective measures and MOPP level designation to march element(s). d. Designates assembly area for each element for preparation of crossing the contaminated area. e. Directs required protective measures and MOPP level for assembly areas. f. Reports locations of assembly areas halt time, and tentative resumption time to the higher HQ staff element using analog and/or digital communications. g. Forwards NBC 1 chemical report to higher HQ staff element using analog and/or digital communications.		
3. Convoy elements occupy assembly area(s) (031-503-1035, 031-503-1015, 031-503-1037, 071-331-0815, 071-331-1004). a. Move into assembly area without halting on the route of march. b. Establish perimeter security with 360-degree surveillance and crew-served weapons positioned along likely avenues of approach.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Employ camouflage techniques, with emphasis on positioning mirrors toward the ground and parking vehicles in an area with overhead cover. d. Perform essential after-operation PMCS IAW applicable TM.		
* 4. Convoy commander selects crossing route. a. Identifies possible routes by conducting a map reconnaissance of contaminated area. b. Conducts comparative analysis of chemical data received from higher HQ staff element, terrain analysis, and time factors for a route selection. c. Selects route that minimizes chemical contamination. d. Requests approval of selected route from higher HQ staff element using analog and/or digital communications.		
* 5. Convoy commander supervises crossing preparation activities (031-503-2001). a. Briefs reconnaissance team on mission, communications, and actions to be performed on other side of the contaminated area. b. Directs reconnaissance team in the donning of full MOPP4 protective garments. c. Dispatches reconnaissance team to verify type of contamination and size of contaminated area. d. Directs precautionary measures and MOPP level required for crossing. e. Assigns crossing time(s) for each march element. f. Assigns assembly area on the other side of contaminated area for each convoy element to perform operational decontamination.		
6. Chemical reconnaissance team conducts route survey (031-503-1035, 031-503-1015, 031-503-1019, 031-503-1037, 031-503-2001). a. Selects distances between recon checkpoints based on tactical situation and time available. b. Selects recon checkpoints at locations where chemical agents are likely to collect as prescribed in FM 3-3. c. Detects chemical vapors by using M256 kit. d. Checks presence of liquids with M8/9 detector paper. e. Marks route with predetermined material. f. Records recon information, as collected. g. Forwards all recon information to the convoy commander after completion of survey.		
7. Unit prepares to cross contaminated area (031-503-1035, 031-503-1015, 031-503-1019, 031-503-3004, and 031-503-3010). a. Places all externally stored equipment inside vehicles. b. Covers equipment with available material. c. Closes all vehicle air vents and windows. d. Positions chemical detector paper as prescribed in FM 3-4. e. Dons MOPP4 protective gear.		
8. Convoy elements cross contaminated area (031-503-1019, 031-503-3004, 031-503-3010). a. Follow route as marked by the reconnaissance party. b. Avoid low ground, overhead branches, and heavy brush. c. Move as quickly as possible across contaminated area without unnecessary halts and delays. d. Verify that all vehicles have crossed the contaminated area before stopping.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Forward crossing report to the higher HQ staff element when all convoy elements have crossed the contaminated area using analog and/or digital communications.		
* 9. Convoy commander supervises decontamination measures. a. Identifies level of required decontamination in coordination with higher HQ staff element. b. Directs implementation of basic soldier skills and/or hasty decontamination based on type of contamination, weather, and tactical situation.		
10. Unit performs chemical decontamination (031-503-1053). a. Initiates skin decontamination techniques within one minute of exposure to liquid contamination. b. Completes personal wipe-down within 15 minutes of exit from contaminated area. c. Completes operator's spray-down within 15 minutes of personal wipe-down. d. Employs safety measures to ensure DS2 does not touch personal or protective clothing. e. Decontaminates only those areas that would cause further contamination of personnel or equipment. f. Conducts MOPP gear exchange, if required. g. Forwards decontamination status report to higher HQ staff element using analog and/or digital communications.		
*11. Convoy commander coordinates resumption of road march. a. Designates SP for all convoy elements to resume march. b. Reschedules check point and RP crossing times in coordination with higher HQ staff element. c. Provides new march instructions to all convoy elements. d. Directs covering and marking of contaminated runoff areas. e. Affixes locations of contaminated runoff areas on map overlays. f. Coordinates detailed decontamination with higher HQ staff element using analog and/or digital communications, if required. g. Forwards road march resumption report to higher HQ staff element using analog and/or digital communications.		
12. Unit performs movement march resumption activities. a. Covers area(s) used for decontamination. b. Marks contaminated runoff areas. c. Decontaminates the decontamination personnel. d. Crosses new SP at time prescribed by the convoy commander.		

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

Task Number	Task Title	References
071-331-0815	Practice Noise, Light, and Litter Discipline	STP 21-1-SMCT
071-331-1004	Perform Duty as a Guard	STP 21-1-SMCT
031-503-1015	Protect Yourself From NBC Injury/ Contamination with Mission-Oriented Protective Posture	STP 21-1-SMCT
031-503-1019	React to Chemical or Biological Hazard/Attack	STP 21-1-SMCT
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT
031-503-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	STP 21-1-SMCT
031-503-1053	Report Nuclear, Biological, and Chemical Information Using Nuclear, Biological, and Chemical 4 Report	STP 21-24-SMCT
031-503-2001	Identify Chemical Agents Using M256-Series Chemical Agent Detector	STP 21-24-SMCT
031-503-2023	Measure Radiation Dose Rate and Total Dose	STP 21-24-SMCT
031-503-3004	Supervise the Crossing of a Contaminated Area	STP 21-24-SMCT
031-503-3005	Submit NBC 1 Report	STP 21-24-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-503-3010	Supervise the Employment of Nuclear, Biological, and Chemical Markers	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4018	Perform Operational Decontamination	ARTEP 10-469-30-MTP
63-2-4202	Prepare Unit for a Chemical Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING PERSISTENT AND NON-PERSISTENT CHEMICAL WEAPONS (63-OPFOR-1001)

CONDITION: OPFOR units deliver chemical agents by means of conventional artillery weapons or aircraft along selected routes and key bases in the rear area.

STANDARD: 1. Deliver chemical agents in low lying and/or densely wooded areas. 2. Delay movement of enemy supplies and equipment to forward areas by disrupting C2 system. 3. Restrict enemy units movement in rear area. 4. Channel movement into pre-designated ambush areas. 5. Contaminate enemy supplies and equipment. 6. Inflict casualties on enemy forces.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Employ Physical Security Measures (63-2-4306)
(FM 3-19.30) (AR 190-13) (FM 3-100.4)
(FM 3-4) (STP 21-1-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Guard posts are established at strategic locations in the unit's area. Guards report that one to three unidentified individuals have been sighted attempting to infiltrate the area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. Higher HQ support operations have commenced. The intrusion may cause personnel casualties and damage to unit equipment. This task is performed in all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit elements are not surprised by threat intrusion and the attack is repelled using techniques and procedures outlined in higher HQ TSOP and OPORD. At MOPP4, performance degradation factors may increase reaction times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders prepare physical security plan (301-371-1050). a. Develop procedures for dismount point to control entry of vehicles into the unit area. b. Develop procedures for selecting and manning defensive positions. c. Develop procedures for reporting threat intrusions or sightings. d. Integrate adjacent unit plans into the physical security plan. e. Forward physical security plan to the higher HQ staff element for approval using analog and/or digital communications or messenger.		
2. Unit HQ supervises guard force. a. Tasks unit elements to man guard posts in the unit area. b. Establishes communication network that permits access to all guard posts.		
3. Unit performs guard duty functions (071-331-1004, 191-376-4114, 301-371-1050). a. Mans positions or guard posts as designated by leader or special orders. b. Observes assigned sector. c. Employs challenge and password procedures as prescribed in the TSOP and SOI/SSI. d. Reports all suspicious activities to the guard commander or as prescribed in special orders.		
* 4. Commander and leaders direct response(s) against saboteurs or terrorists. a. Forward incident report to the higher HQ staff element using analog and/or digital communications or messenger. b. Direct perimeter manning level increases as prescribed by the TSOP. c. Maintain a current operations status of the situation. d. Provide continuous situation updates to the higher HQ staff element using analog and/or digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Direct shifting of response force from assembly areas to threat contact area(s). f. Sound "All Clear" signal as soon as attack is over and intruders have been eliminated. g. Direct decrease in manning levels consistent with the tactical situation. 5. Unit responds to saboteur or terrorist intrusions (191-376-4114, 301-371-1050). a. Occupies pre-designated fighting positions (designated personnel only). b. Reports to unit CP (personnel selected for response force). c. Recons assigned sector for threat activities. d. Fires at any target in area as prescribed by rules of engagement. e. Treats casualties. NOTE: See Task 63-2-4517 for detailed treatment procedures. f. Transports casualties. NOTE: See Task 63-2-4316 for detailed casualty transportation procedures. g. Performs mortuary affairs operations. NOTE: See Task 10-2-4513 for detailed mortuary affairs procedures. * 6. Commander supervises post-attack activities. a. Forwards casualty and damage report(s) submitted by sub-elements to the higher HQ S1, S2/S3, and S4 using analog and/or digital communications or messenger. b. Coordinates life support requirements caused by destruction of supplies, equipment, or personnel with the higher HQ staff S1 and S4 using analog and/or digital communications or messenger. c. Coordinates replenishment of destroyed equipment and supplies with the higher HQ S4 using analog and/or digital communications. NOTE: The unit requisitions equipment and supplies using ULLS-S4. d. Directs unit elements to continue their assigned missions.		

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

Task Number	Task Title	References
071-331-1004	Perform Duty as a Guard	STP 21-1-SMCT
191-376-4114	Control Entry to and Exit from a Restricted Area	STP 21-1-SMCT
301-371-1050	Implement Operations Security (OPSEC) Measures	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4001	Plan Unit Move	ARTEP 10-469-30-MTP
63-2-4002	Prepare Unit to Move	ARTEP 10-469-30-MTP
63-2-4003	Conduct Tactical Road March	ARTEP 10-469-30-MTP
63-2-4007	Plan Occupation of New Area of Operations	ARTEP 10-469-30-MTP
63-2-4008	Perform Advance/Quartering Party Activities	ARTEP 10-469-30-MTP
63-2-4009	Occupy New Operating Site	ARTEP 10-469-30-MTP
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4011	Set Up Unit Defense	ARTEP 10-469-30-MTP
63-2-4016	Employ Operations Security Measures	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT TERRORIST AND SABOTEUR ATTACKS (63-OPFOR-1013)

CONDITION: OPFOR dispatches small teams into enemy rear area to disrupt CSS operations.

STANDARD: 1. Locate rear support bases and C2 facilities. 2. Delay and disrupt CSS operations through probes. 3. Infiltrate CSS bases to conduct sabotage and terrorist activities. 4. Inflict casualties. 5. Destroy supplies and equipment.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Prepare for a Friendly Nuclear Strike (63-2-4327)
(FM 3-4) (FM 3-5) (STP 21-24-SMCT)

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

CONDITIONS: The unit receives a STRIKEWARN message from the higher HQ staff element with specific actions to be implemented in preparation for a friendly nuclear strike. The unit has analog and digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Preparations for a friendly nuclear strike are completed within 30 minutes of the time specified in the warning order. At MOPP4, performance degradation factors increase preparation time threefold.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit HQ acknowledges warning (071-326-5503). a. Maintains situational awareness using analog and digital communications. b. Authenticates the call using analog and digital communications. c. Transcribes message to hard copy with 100 percent accuracy. d. Acknowledges receipt by return message using analog and digital communications.		
* 2. Commander and leaders issue warning order (031-503-3008, 031-503-3010). a. Alert assigned and attached sub-elements by most expedient means. b. Relay specific directed actions by analog and digital communications or messengers.		
3. Unit performs preparatory actions (031-503-1035). a. Cover foxholes and shelters. b. Place all externally stored equipment inside tents or shelters, if possible. c. Place vehicles and equipment on terrain that provides shielding. d. Cover all equipment, munitions, fuel, food, and water containers. e. Cover nose and mouth with handkerchief or clean rag. f. Wear designated MOPP gear to minimize skin exposure. g. Zero dosimeters. h. Wear individual dosimeters (selected personnel). i. Disconnect nonessential electronic equipment. j. Tie down essential antennas. k. Disassemble nonessential antennas and antenna leads. l. Improve shelters and individual positions with consideration for blast, thermal, and radiation effects. m. Secure loose flammable or explosive items and water containers. n. Start periodic monitoring. o. Continue to harden positions and vehicles. p. Disconnect all electronic equipment. q. Initiate COOP.		

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

Task Number	Task Title	References
031-503-1035	Protect Yourself from NBC Injury/ Contamination with Mission-Oriented Protective Posture (MOPP) Gear	STP 21-1-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-503-3010	Supervise the Employment of Nuclear, Biological, and Chemical Markers	STP 21-24-SMCT
071-326-5503	Issue a Warning Order	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4014	Plan Area Damage Control Operations	ARTEP 10-469-30-MTP
63-2-4018	Perform Operational Decontamination	ARTEP 10-469-30-MTP
63-2-4019	Perform Thorough Decontamination	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Respond to the Residual Effects of a Nuclear Attack (63-2-4328)
(FM 3-5) (FM 3-100.4) (FM 3-4)
(STP 21-1-SMCT) (STP 21-24-SMCT)

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

CONDITIONS: A nuclear attack has occurred and the unit must respond by preparing for the fallout predicted to arrive in its AO. The unit has analog and digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The higher HQ staff element has disseminated a simplified fallout prediction with estimated time of arrival for fallout. The higher HQ unit NBC defense equipment is available. The NBC 3 nuclear reports and OEG have been provided by the higher HQ staff element. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit personnel complete fallout preparation before arrival of fallout IAW the TSOP and directives provided by the higher HQ staff element. At MOPP4, performance degradation factors increase fallout preparation implementation time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit prepares for radiological fallout (031-503-1015, 031-503-1035, 031-503-3010).		
a. Dons protective mask.		
NOTE: If protective mask is unavailable, cover nose and mouth with handkerchief or clean rag.		
b. Dons designated MOPP gear to minimize skin exposure.		
c. Identifies fallout prediction zone the unit is in.		
d. Calculates how much radiation is expected.		
e. Wears individual dosimeters (selected personnel).		
f. Covers foxhole and shelter.		
g. Places all externally stored equipment inside tents or shelters.		
h. Covers all equipment, munitions, fuel, food, and water containers.		
i. Continues operational mission as directed by the higher HQ staff element (essential personnel only).		
j. Occupies shelters or closed vehicles (nonessential personnel).		
k. Starts continuous monitoring.		
l. Continues to improve/increase overhead cover prior to the arrival of fallout.		
m. Occupies shelters upon the arrival of fallout.		
n. Calculates optimum time of exit from shelter(s).		
o. Submits NBC 4 initial report to the higher HQ S2/S3 using analog and digital communications or messenger.		
p. Takes readings every 15 minutes.		
q. Submits NBC 4 peak report to the higher HQ S2/S3 using analog and digital communications or messenger.		
r. Takes readings every 30 minutes for 2.5 hours.		
s. Submits NBC series report to the higher HQ S2/S3 based on readings using analog and digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
2. Unit NBC defense teams perform monitoring activities (031-503-2023, 031-503-3010). a. Initiate radiac-meter monitoring to determine radiation dose rate. b. Relay warning to unit personnel using analog and digital communications or messenger. c. Take shelter, if mission permits, until "All Clear" is given or if directed to move. d. Monitor radiac-meter to determine dose rate and total dosage. e. Report dose rate and total dosage to the higher HQ S2/S3 using analog and digital communications or messenger.		
* 3. Commander and leaders develop contingency plan (031-506-1053). a. Identify current mission status. b. Perform comparative analysis between the RES and the OEG. c. Direct development of personnel rotation plans by sub-elements to minimize personnel exposure. d. Direct development of entry and exit procedures by sub-elements to minimize shelter and vehicle contamination. e. Develop relocation plan in coordination with the higher HQ S2/S3 using analog and digital communications or messenger. f. Disseminate contingency plan to all sub-elements and the higher HQ S2/S3 using analog and digital communications or messenger. g. Coordinate with the higher HQ S4 for decontamination after fallout is complete using analog and digital communications. h. Direct deliberate decontamination. i. Enforce safety procedures IAW TSOP and applicable publications. j. Enforce environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
031-503-1015	Protect Yourself From NBC Injury/ Contamination with Mission-Oriented Protective Posture	STP 21-1-SMCT
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT
031-503-2023	Measure Radiation Dose Rate and Total Dose	STP 21-24-SMCT
031-503-3010	Supervise the Employment of Nuclear, Biological, and Chemical Markers	STP 21-24-SMCT
031-506-1053	Report Nuclear, Biological, and Chemical Information Using Nuclear, Biological, and Chemical 4 Report	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4020	Respond to the Initial Effects of a Nuclear Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING TACTICAL NUCLEAR WEAPONS (63-OPFOR-1002)

CONDITION: Tactical nuclear weapons are employed against key locations in the rear area.

STANDARD: 1. Disrupt or delay movement of equipment and supplies to forward areas. 2. Destroy enemy equipment and supplies. 3. Inflict nuclear casualties among enemy troops. 4. Deny enemy use of specified areas. 5. Contaminate enemy equipment and supplies.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Respond to a Chemical Attack (63-2-4334)
(FM 3-3) (FM 3-100) (FM 3-4)
(STP 21-1-SMCT) (STP 21-24-SMCT)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The sound of automatic alarms or color changes in chemical detector paper indicates the presence of contaminants. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit is tactically deployed at MOPP2. Intelligence reports from the higher HQ staff element indicate that the threat is capable of attacking with chemical weapons. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit personnel react to the chemical alarm within 15 seconds, assume MOPP4 within 2 to 4 minutes, and perform testing and unmasking procedures until unit is reorganized and reduced MOPP level functions are reinstated.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit personnel employ protective measures (031-503-1013, 031-503-1019, 031-503-1035, 031-503-3008). a. Don protective mask within 9 seconds, with hood within 15 seconds. b. Initiate appropriate alarms (vocal and non-vocal). c. Don protective gloves within 45 seconds of alarm. d. Conduct skin decontamination within 2 minutes of alarm. e. Identify type of agent using chemical agent detector kits. f. Conduct operator spray-down and personal equipment decontamination within 15 minutes of alarm. g. Continue mission unless directed otherwise.		
2. Unit personnel protect equipment (031-503-1013, 031-503-1019, 031-503-1035, 031-503-2001). a. Cover all exposed equipment and supplies. b. Implement procedures to prevent further contamination IAW the TSOP. c. Monitor the area to determine contamination levels by testing with detector kits and paper.		
* 3. Unit leaders provide NBC reports to the higher HQ S2/S3 (031-503-1037, 031-503-2001, 031-503-3005, and 031-506-1053). a. Forward initial NBC 1 chemical report as soon as tactical situation permits using analog and/or digital communications or messenger. b. Request permission to move, if mission permits, using analog and/or digital communications or messenger. c. Coordinate with higher HQ S4 on for hasty or deliberate decontamination support using analog and/or digital communications. d. Forward follow-up NBC 1 chemical report within 20 minutes after the attack using analog and/or digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 4. Unit leaders initiate unmasking procedures (if chemical agent detector kits indicate negative results). a. Direct two individuals to conduct unmasking procedures. b. Observe directed individuals for 10 minutes for symptoms of illness. c. Observe directed individuals for delayed symptoms. d. Initiate "All Clear" signal, if no symptoms of chemical poisoning are detected. e. Report results to higher HQ S2/S3 using analog and/or digital communications or messenger systems.		
5. Unit personnel employ unmasking procedures (chemical agent detector kits indicate negative results). a. Break the seal in a shady area (directed personnel). b. Remain unmasked for five minutes (directed personnel). c. Re-mask and clear masks (directed personnel). NOTE: Task steps 6 and 7 are performed only if chemical agent detector kits are not available.		
* 6. Unit leaders initiate unmasking procedures (using M8/M9 detector paper) (031-503-3002). a. Check area for physical signs of liquid contamination using M8/M9 detector paper. b. Direct two individuals to conduct unmasking procedures. c. Observe directed individuals for 10 minutes for symptoms of chemical incapacitation. NOTE: Wait 5 minutes after directed individuals have unmasked. d. Observe directed individuals for another 10 minutes after they unmask again, for symptoms of chemical incapacitation. e. Initiate "All Clear" signal, if no symptoms appear. f. Report results to higher HQ S2/S3 using analog and/or digital communications or messenger.		
7. Unit personnel employ unmasking procedures (using M8 detector paper) (031-503-3002). a. Check area for physical signs of liquid contamination using M8/M9 detector paper. b. Break mask seal in a shady area (directed individuals). c. Keep eyes open for 15 seconds (directed individuals). d. Clear mask (directed individuals). e. Reseal mask (directed individuals). f. Remain masked for 10 minutes (directed individuals). g. Unmask for five minutes (directed individuals). h. Remask for 10 minutes (directed individuals). i. Initiate "All Clear" if no symptoms appear. j. Repeat unmasking procedures, steps b through i above, for remaining unit personnel. k. Report results to higher HQ S2/S3 using analog and/or digital communications or messenger.		
* 8. Commander and leaders reorganize unit area (031-503-1037). a. Establish Situational Awareness. b. Reestablish chain of command. c. Coordinate required unit MOPP level with the higher HQ S2/S3 using analog and/or digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Inspect unit personnel to ensure that individuals remain at the directed MOPP level. e. Direct periodic chemical monitoring in the unit area. f. Supervise the request and distribution of replacement chemical defense equipment and supplies.		

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

Task Number	Task Title	References
031-503-1013	Decontaminate Yourself and Individual Equipment Using Chemical Decontamination Kits	STP 21-1-SMCT
031-503-1019	React to Chemical or Biological Hazard/Attack	STP 21-1-SMCT
031-503-1035	Protect Yourself From Chemical/Biological Contamination Using Your Assigned Protective Mask	STP 21-1-SMCT
031-503-1037	Detect Chemical Agents Using M8 or M9 Detector Paper	STP 21-1-SMCT
031-503-2001	Identify Chemical Agents Using M256-Series Chemical Agent Detector Kit	STP 21-24-SMCT
031-503-3002	Conduct Unmasking Procedures	STP 21-24-SMCT
031-503-3005	Submit a NBC 1 Report	STP 21-24-SMCT
031-503-3008	Implement Mission-Oriented Protective Posture	STP 21-24-SMCT
031-506-1053	Report Nuclear, Biological, and Chemical Information Using Nuclear, Biological, and Chemical 4 Report	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4013	Prepare Unit for Nuclear, Biological, and Chemical Conditions	ARTEP 10-469-30-MTP
63-2-4202	Prepare Unit for a Chemical Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: DISRUPT ENEMY MOVEMENT AND OPERATIONS USING PERSISTENT AND NON-PERSISTENT CHEMICAL WEAPONS (63-OPFOR-1001)

CONDITION: OPFOR units deliver chemical agents by means of conventional artillery weapons or aircraft along selected routes and key bases in the rear area.

STANDARD: 1. Deliver chemical agents in low lying and/or densely wooded areas. 2. Delay movement of enemy supplies and equipment to forward areas by disrupting C2 system. 3. Restrict enemy units' movement in rear area. 4. Channel movement into pre-designated ambush areas. 5. Contaminate enemy supplies and equipment. 6. Inflict casualties on enemy forces.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Destroy Supplies and Equipment (63-2-4522)

(TM 750-244-3)	(DA PAM 385-1)	(FM 100-14)
(FM 3-100.4)	(FM 3-4)	(FM 3-5)
(TM 43-0002-33)	(TM 750-244-2)	(TM 750-244-6)
(TM 750-244-7)		

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The commander has been ordered to evacuate the position and destroy or disable those items of equipment and supplies the unit cannot evacuate. The unit has analog and digital communications with higher HQ. Tactical operations are underway IAW the OPORD, the unit TSOP, and higher HQ TSOPs. A threat force penetration of the unit's position is expected to occur within a specified period of time. Initial hasty displacement preparations were made during the defense buildup. Destruction of supplies and equipment has been previously coordinated with higher HQ staff element and EOD personnel. Unit destruction plan, applicable publications, supplies, and equipment are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The unit evacuates its position within the time specified by the higher HQ staff element and destroys or disables selected supplies, equipment, documents, COMSEC/IEW equipment and other critical items that cannot be evacuated (medical items must not be destroyed). At MOPP4, performance degradation factors increase the time required to destroy supplies and equipment.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs selected supplies and equipment be destroyed or disabled. a. Identifies critical equipment and supplies that must be destroyed or disabled. b. Identifies computer and computer related hardware and software that must be destroyed. c. Prioritizes destruction and disablement of selected equipment based on denying its value to the enemy. d. Briefs platoon and section leaders on situation and destruction priorities. e. Consolidates requests for EOD or engineer support received from the platoons and sections. f. Follows guidelines contained in the destruction plan, company and battalion TSOPs, and EOD or engineer publications. g. Assigns tasks and responsibilities. h. Requests EOD or engineer support through S2/S3 Section, as required. i. Consolidates destruction reports received from the platoons and sections. j. Provides consolidated destruction report to S2/S3 Section IAW TSOP. k. Enforces safety procedures IAW TSOP and publications. l. Enforces environmental stewardship protection program procedures.		
* 2. Platoon and section leaders supervise destruction or disabling of supplies and equipment (850-001-2000, 850-001-4001). a. Identify supplies and equipment to be destroyed or disabled. b. Identify destruction or disabling method. c. Direct destruction or disabling of supplies and equipment.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Report completed destruction to commander. e. Enforce safety procedures IAW TSOP and publications. f. Enforce environmental stewardship protection program procedures.		
3. Platoon and section personnel destroy or disable tracked and wheeled vehicles (to include construction equipment) (850-001-2000, 850-001-4001). a. Drain the engine oil. b. Drain equipment hydraulic systems and cut hydraulic hoses. c. Slash all tires. d. Run engines until they seize, as applicable. e. Burn hoses, belts, and so forth, as applicable. f. Destroy vital elements, such as the gearbox, starter, engine block, transmission, instrument panel, and any communication equipment. g. Employ safety procedures IAW TSOP and publications. h. Employ environmental stewardship protection program procedures.		
4. Platoon and section personnel destroy or disable all critical supplies, computer and non computer related communications equipment, and COMSEC/IEW materiel (850-001-2000, 850-001-4001). a. Record all COMSEC/IEW materiel identified for destruction or disablement. b. Destroy analog and/or digital communication components IAW with applicable TM. c. Burn COMSEC/IEW codes, keys, password lists, software, and any other perishable classified items. d. Destroy ETMs and other automated or non-automated documents IAW TSOP. e. Destroy or render computer and computer related hardware and software inoperative IAW appropriate TM. f. Destroy supplies IAW appropriate TM and TSOP. g. Employ safety procedures IAW with applicable reference. h. Employ environmental stewardship protection program procedures.		
* 5. Platoon and section leaders arrange for destruction of supplies and equipment with explosives (850-001-2000, 850-001-4001). a. Identify items for destruction. b. Review explosive detonation procedures. c. Estimate type and amount of explosive material required. d. Provide commander with explosive material requirement estimate. e. Request EOD or engineer support, through commander, as required.		
* 6. Platoon and section leaders submit status reports to the commander (850-001-2000, 850-001-4001). a. Submit certificate of destruction of supply items destroyed by class of supply. b. Submit certificate of destruction of tracked and wheeled vehicles, construction equipment, and special purpose vehicles destroyed or disabled. c. Submit certificate of destruction of analog and/or digital communication equipment destroyed or disabled. d. Submit certificate of destruction of COMSEC/IEW items destroyed. e. Submit certificate of destruction of computer hardware and software destroyed. f. Submit report of platoon and section's capability to continue with assigned missions.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-4001	Integrate Risk Management into Platoon	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4028	Perform Area Damage Control Functions	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Treat Casualties (08-2-0003.63-0001)

(FM 21-11)	(AR 600-8-1)	(FM 3-4)
(FM 3-5)	(FM 8-10)	(FM 8-10-6)
(FM 8-10-7)	(FM 8-285)	(FM 8-55)

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 personnel. Threat force contact has been broken. Soldiers have been wounded and may have chemical contamination or non-battle injuries. Some unit personnel have been assigned the additional duty of combat lifesavers. Unit personnel are performing self-buddy aid and combat lifesavers are providing advance treatment until medical treatment personnel arrive. Higher HQ TSOP and OPORD are available.

NOTE: This task should not be trained in MOPP 4 except when treating NBC casualties. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit personnel provide treatment for casualties IAW FM 21-11, FM 8-285, and combat lifesavers certification standards. At MOPP 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
* 1. Commander and leaders supervise treatment of casualties (081-831-1047, 081-831-1055, 605C-PAD-2060, 081-831-0101, 081-831-1054, 081-831-9000). a. Develop treatment plan. b. Monitor treatment for compliance with FM 21-11 and to ensure all casualties are treated. c. Direct employment of combat lifesavers to treat casualties. d. Report casualties, as required. e. Coordinate replenishment of Class VIII supplies with the supporting unit IAW the TSOP. f. Direct distribution of Class VIII supplies and equipment IAW the TSOP. g. Enforce QC procedures for Class VIII items issued to control team elements.		
2. Unit elements survey each casualty. (081-831-1055, 081-831-9000, 081-831-1003, 081-831-1005, 081-831-1007, 081-831-1008). 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.		
3. Unit elements administer life-saving treatment (081-831-1055, 081-831-9000, 081-831-1003). a. Clear all objects from throat of casualty. b. Use jaw thrust method to open airway if cervical spine injury is suspected.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Perform mouth-to-mouth resuscitation to restore casualty's breathing IAW CPR procedures.		
4. Unit elements control hemorrhage (081-831-1055, 081-831-9000). a. Apply manual direct pressure to wound. b. Elevate extremities. c. Apply pressure dressing to wound. d. Apply digital pressure-to-pressure points. e. Apply tourniquet as last resort.		
5. Unit elements dress wounds (081-831-1055, 081-831-9000). a. Apply occlusive dressing to an open chest wound, if possible. b. Apply dressing to an open abdominal wound. c. Apply dressing to an open head wound.		
6. Unit elements splint suspected fractures (081-831-1055, 081-831-9000). a. Employ available materials to splint injury. b. Splint fracture in position found. c. Restrict movement of extremities. d. Check circulation for impairment.		
7. Unit elements treat casualties with burns (081-831-1055, 081-831-9000, 081-831-1007). a. Extinguish thermal burn agents. b. Remove chemical burn agent(s). c. Eliminate electrical burn source. d. Uncover burn unless stuck to clothing or a chemical environment exists. e. Apply field dressing.		
8. Unit elements treat environmental injuries (081-831-1055, 081-831-9000, 081-831-1008). a. Administer first aid for heat injuries. b. Administer first aid for heat stroke. c. Administer first aid for frostbite.		
9. Unit elements treat chemical casualties (081-831-1055, 081-831-9000). 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 8-285, if necessary.		
10. Unit elements prevent shock (081-831-1055, 081-831-9000, 081-831-1005). a. Position casualty in the correct anti-shock position IAW FM 21-11. b. Loosen clothing and equipment. c. Prevent casualty from chilling and overheating. d. Calm casualty by reassuring him.		
11. Unit combat lifesavers perform advanced treatment (081-831-1047, 081-831-1055, 081-831-0101, 081-831-1054, 081-831-9000, 081-831-1000). a. Evaluate casualty for condition and type treatment needed. b. Measure casualty's vital signs. c. Record casualty's vital signs. NOTE: Vital signs are monitored throughout treatment for abnormalities and required immediate action. d. Insert oropharyngeal airway in an unconscious casualty. e. Apply a splint to a fractured limb.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Administer first aid to chemical agent casualties. g. Initiate an intravenous infusion for hypovolemic shock. h. Identify environmental injuries. i. Treat environmental injuries. j. Manage BF 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

Task Number	Task Title	References
081-831-0101	Request Medical Evaluation	STP 21-24-SMCT
081-831-1000	Evaluate a Casualty	STP 21-1-SMCT
081-831-1003	Perform First Aid to Clear an Object Stuck in the Throat of a Conscious Casualty	STP 21-1-SMCT
081-831-1005	Perform First Aid to Prevent or Control Shock	STP 21-1-SMCT
081-831-1007	Perform First Aid For Burns	STP 21-1-SMCT
081-831-1008	Perform First Aid For Heat Injuries	STP 21-1-SMCT
081-831-1047	Supervise the Implementation of Preventive Medicine Policies	STP 21-24-SMCT
081-831-1054	Evacuate Casualties	STP 21-24-SMCT
081-831-1055	Ensure Unit Combat Lifesaver Requirements Are Met	STP 21-24-SMCT
081-831-9000	Implement Preventive Medicine Measures	STP 21-24-SMCT
605C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Water Purification Platoon
Water Purification Team

TASK: Conduct Water Quality Analysis Program (10-2-0213)
(TB MED 577) (FM 100-14) (FM 10-115)
(FM 10-52) (FM 3-100.4)

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Water is being purified for supported units. The unit is required to provide purified water. The unit is operating in an arid environment. This task should not be trained in MOPP4. This task should not be trained in MOPP4.

TASK STANDARDS: The water quality analysis program is conducted in accordance with TB Med 577 and in accordance with applicable FMs and standard agreements.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Platoon and element leaders supervise water quality analysis program. (03-5103.00-0096, 101-540-4017) a. Request additional preventive medical personnel through Unit Headquarters if necessary. b. Establish water quality test schedules in accordance with TB MED 577. c. Report unsanitary conditions of customer water containers/trailers to Unit Headquarters. d. Inspect test reports for compliance with TB MED 577 and test schedules. e. Update Supply Control Section and Unit Headquarters on water quality problems. f. Forward water quality analysis test results to higher headquarters. g. Enforce safety procedures. h. Enforce environmental stewardship protection program measures. i. Enforce risk management procedures.		
* 2. Element leaders supervise water quality analysis program. (101-540-3002, 101-540-4017) a. Perform water quality tests by random "grab-sample testing" from various issue points to verify chlorine residual. b. Supervise water quality program for compliance with test schedules and TB Med 577. c. Forward test reports to Platoon Headquarters. d. Report unacceptable chlorine residual levels or evidence of NBC agents immediately to Platoon Headquarters. e. Report receipt of unacceptable water from units (low chlorine residual). f. Supervise inspection of customer water containers/trailers in accordance with TB Med 577. g. Report unsanitary conditions of customer water containers/trailers to Platoon Headquarters. h. Enforce safety procedures. i. Enforce environmental stewardship protection program measures. j. Enforce risk management procedures.		
3. Water element performs water quality analysis tests. (101-540-1065, 101-540-2004)		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Perform periodic chlorine residual tests of product water upon receipt, issue, and distribution. b. Perform periodic NBC water analysis tests based on TSOP, intelligence indicators, and environmental factors. c. Report unacceptable chlorine residual levels in accordance with TB Med 577 or evidence of NBC agents immediately to the section/team leader. d. Discontinue operations immediately when chlorine residual level cannot be made to meet TB Med 577 standards or evidence of NBC agents is present. Notify units. e. Discharge stored NBC contaminated water IAW local environmental SOP. f. Notify water production unit of any discrepancies. g. Inspect customer water containers/trailers in accordance with TB Med 577. h. Issue water only into containers meeting requirements of TB Med 577. i. Provide test reports to team leader. j. Employ safety procedures. k. Employ environmental stewardship protection program measures. l. Enforce risk management procedures.		

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

Task Number	Task Title	References
03-5103.00-0096	Manage a Petroleum and Water Supply Point Operation	STP 10-92FGII-MQS
101-540-1065	Conduct Water Analysis Testing	STP 10-77W14-SM-TG
101-540-3002	Analyze Water Analysis Test Results	STP 10-77W14-SM-TG
101-540-4017	Manage Water Analysis Testing	STP 10-77W14-SM-TG

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
10-2-0215	Set Up Water Elements	ARTEP 10-469-30-MTP
10-2-0217	Produce Potable Water	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Water Purification Platoon
Water Purification Team

TASK: Set Up Water Elements (10-2-0215)

(FM 10-52)	(FM 10-27-2)	(FM 10-52-1)
(FM 20-3)	(TB MED 577)	(TM 10-4610-215-10)
(TM 10-4610-239-10)	(TM 10-4610-240-10)	(TM 5-6115-465-12)
(TM 5-6115-545-12)	(TN 10-4610-232-12)	

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: A water reconnaissance has occurred and the Water Section has occupied initial positions in the unit AO. The water points are established in a field site or MOUT environment. A layout plan has been coordinated with the leading element. Location of the water points has been selected. The water points operate on a 24-hour basis. Water points must be set up quickly in order to provide service to arriving units. Water elements may have to jump site to keep up with supported units. When the water section works in an arid environment, it is augmented by an organic hot/arid environment water team. Threat is capable of conducting NBC, ground, and air attacks. This task should not be trained in MOPP4.

TASK STANDARDS: Water elements are set up according to the layout plan and the unit TSOP within the time prescribed.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Element leaders supervise set up. (101-540-1022, 101-540-1051, 101-540-1052, 101-540-1064, 101-540-1065, 101-540-1067, 101-540-1069, 101-540-2004, 101-540-2006, 101-540-2012, 101-540-2014, 101-540-2017, 101-540-2020, 101-540-2026, 101-540-2027, 101-540-2029, 101-540-2030, 101-540-2031, 101-540-2032, 101-540-3001, 101-540-3002, 101-540-3021, 101-540-3024, 101-540-3025, 101-540-4014, 101-540-4015, 101-540-4016, 101-540-4017, 101-540-4018)		
a. Revise layout plan based on current situation.		
b. Coordinate additional engineer support with the supporting engineer element.		
c. Supervise preparation of operating areas.		
d. Supervise setup of purification units.		
e. Supervise setup of storage tanks.		
f. Supervise setup of water issue and distribution points.		
g. Designate traffic route through water points based on layout plan.		
h. Coordinate revised layout plan with leading element.		
i. Inspect setup for compliance with layout plan.		
j. Enforce safety procedures.		
k. Enforce environmental stewardship measures.		
l. Enforce OPSEC measures.		
m. Enforce risk management procedures.		
2. Water treatment specialists set up water points and equipment. (091-101-0002, 091-101-2002, 091-109-7003, 101-540-1022, 101-540-1047, 101-540-1051, 101-540-1052, 101-540-1059, 101-540-1063, 101-540-1065, 101-540-1067)		
a. Establish communications with unit element HQ.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
b. Prepare ground for water storage tanks, brine/backwash tanks, and trucks in coordination with supporting engineer element. c. Dig sump to store petroleum, oil, and lubricants (POL). d. Prepare areas for operating equipment IAW applicable TM. e. Position ROWPU trailers on prepared level ground IAW layout plan. f. Inspect equipment for damage and missing components and parts IAW applicable TMs. g. Position product water and brine/backwash storage tanks, pumps, generators, and purification materials on prepared level ground IAW layout plan. h. Set up the storage tanks IAW applicable TMs. i. Set up pumps, generators, and ROWPU IAW applicable TMs. j. Set up shelters and other equipment IAW applicable publications. k. Camouflage equipment and vehicles. l. Employ safety procedures. m. Employ environmental stewardship measures. n. Mark customer traffic pattern within issue and distribution area IAW layout plan. o. Employ risk management procedures.		

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

Task Number	Task Title	References
091-101-0002	Operate/Perform PMCS on the 60-KW Diesel Generator	STP 10-77W14-SM-TG
091-101-2002	Supervise Operation and Maintenance of a 60-KW Diesel Generator Set	STP 10-77W14-SM-TG
091-109-7003	Operate/Perform PMCS on the 60-KW Diesel Generator	STP 10-77W14-SM-TG
101-540-1022	Operate a 600-GPH Reverse Osmosis Water Purification Unit (ROWPU)	STP 10-77W14-SM-TG

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-540-1047	Operate/Perform PMCS on a Wellhead	STP 10-77W14-SM-TG
101-540-1051	Set Up, Operate, Perform PMCS/Dismantle the Forward Area Water Point Supply System (FAWPSS)	STP 10-77W14-SM-TG
101-540-1052	Set Up/Dismantle the 600-GPH Reverse Osmosis Water Purification Unit (ROWPU)	STP 10-77W14-SM-TG
101-540-1056	Operate/Perform PMCS on the 125-GPM Gas/Diesel Driven Pump	STP 10-77W14-SM-TG
101-540-1059	Operate a 3000-GPH ROWPU	STP 10-77W14-SM-TG
101-540-1063	Set Up/Dismantle the 3000-GPH ROWPU	STP 10-77W14-SM-TG
101-540-1065	Conduct Water Analysis Testing	STP 10-77W14-SM-TG
101-540-1067	Maintain, Assemble/Disassemble the Semi-trailer Mounted Fabric Tank (SMFT)	STP 10-77W14-SM-TG
101-540-2004	Supervise Water Analysis Testing	STP 10-77W14-SM-TG
101-540-2006	Supervise Operation of the 600-GPH Reverse Osmosis Water Purification Unit (ROWPU)	STP 10-77W14-SM-TG
101-540-2009	Supervise the Operation/Maintenance of the 125-GPM Gas/Diesel Driven Pump	STP 10-77W14-SM-TG
101-540-2012	Supervise the Operation of the Forward Area Water Point Supply System (FAWPSS)	STP 10-77W14-SM-TG
101-540-2014	Supervise the Operation/PMCS of the 15-KW Diesel Generator	STP 10-77W14-SM-TG
101-540-2015	Supervise the Operation/PMCS of the 30-KW Diesel Generator	STP 10-77W14-SM-TG
101-540-2017	Supervise the Operation of the Semitrailer Mounted Fabric Tank (SMFT)	STP 10-77W14-SM-TG
101-540-2020	Supervise the Operation of a Wellhead	STP 10-77W14-SM-TG
101-540-2026	Supervise Operation of the 3,000-GPH Reverse Osmosis Water Purification Unit (ROWPU)	STP 10-77W14-SM-TG
101-540-2027	Supervise the Operation/PMCS of the 60-KW Diesel Generator	STP 10-77W14-SM-TG

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-540-2031	Supervise the Setup/Dismantle of the 600-GPH Reverse Osmosis Water Purification Unit (ROWPU)	STP 10-77W14-SM-TG
101-540-2032	Supervise the Setup/Dismantle of the 3,000-GPH ROWPU	STP 10-77W14-SM-TG
101-540-3001	Analyze Water Reconnaissance Results	STP 10-77W14-SM-TG
101-540-3002	Analyze Water Analysis Test Results	STP 10-77W14-SM-TG
101-540-3021	Monitor Water Distribution/Storage Operations	STP 10-77W14-SM-TG
101-540-3024	Analyze Entries on Water Reports/Logs/Forms	STP 10-77W14-SM-TG
101-540-3025	Monitor Water Purification Operations	STP 10-77W14-SM-TG
101-540-4016	Manage Water Purification Operations	STP 10-77W14-SM-TG
101-540-4017	Manage Water Analysis Testing	STP 10-77W14-SM-TG
101-540-4018	Manage Water Distribution/Storage Operations	STP 10-77W14-SM-TG

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Water Purification Platoon
Water Purification Team

TASK: Produce Potable Water (10-2-0217)
(FM 10-52-1) (FM 10-52) (FM 3-4)
(FM 3-5) (TB MED 577)

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

CONDITIONS: The Water Purification element has received water production requirements from higher HQ. The unit is required to provide bulk potable water. The unit is operating in an arid environment. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Potable water is produced to meet strength requirements and meets TB MED 577 standards. At MOPP level 4, performance degradation factors increase time required to produce potable water.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Water Purification element leaders supervise purification and issue operations. (101-540-2004, 101-540-2030, 101-540-3002, 101-540-3024, 101-540-4016)		
a. Schedule work shifts.		
b. Monitor operation of ROWPU for compliance with applicable manuals.		
c. Maintain radio communications with HQ and LOTS command.		
d. Forward daily personnel and equipment status reports to higher headquarters.		
e. Forward daily water production reports to higher headquarters.		
f. Enforce safety procedures.		
g. Enforce environmental stewardship measures.		
h. Enforce risk management procedures.		
i. Review reports and water production logs.		
2. Water Purification element purifies water. (101-540-1065, 101-540-1069)		
a. Operate purification equipment IAW applicable manuals.		
b. Monitor power generation systems for proper output voltage.		
c. Monitor ROWPU gages for proper operational readings IAW applicable TMs and manuals.		
d. Forward daily water production report to element leader.		
e. Employ safety procedures.		
f. Employ environmental stewardship measures.		
g. Employ risk management procedures.		
3. Element leaders enforce preventive maintenance program objectives. (101-540-4016)		
a. Receive DA Form 2404/electronic form daily and take appropriate action.		
b. Check that PMCS is performed.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Check that maintenance is scheduled when required.		
4. Elements perform water issue operations. a. Issue authorized quantity of water to authorized customers. b. Operate water issue point(s) IAW issue schedules, unit TSOP, and TB Med 577. c. Employ safety procedures. d. Employ environmental stewardship protection program measures. e. Prepare and forward daily water issue reports to element leaders. f. Rotate scheduled maintenance between the water points. g. Inspect the storage tanks, pumps, and hoses for leaks, breaks, and deteriorations and for serviceability and operational layout. h. Monitor water quality. i. Employ risk management procedures.		

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

Task Number	Task Title	References
101-540-1065	Conduct Water Analysis Testing	STP 10-77W14-SM-TG
101-540-1069	Complete Entries on Water Reports/Logs/Forms	STP 10-77W14-SM-TG
101-540-2004	Supervise Water Analysis Testing	STP 10-77W14-SM-TG
101-540-2030	Supervise Completion of Water Reports/Logs/Forms	STP 10-77W14-SM-TG
101-540-3002	Analyze Water Analysis Test Results	STP 10-77W14-SM-TG
101-540-3024	Analyze Entries on Water Reports/Logs/Forms	STP 10-77W14-SM-TG
101-540-4016	Manage Water Purification Operations	STP 10-77W14-SM-TG

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
10-2-0213	Conduct Water Quality Analysis Program	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Unit Mortuary Affairs Operations (10-2-4513)

(JTTP 4-06)	(AR 40-66)	(DOD MFFIMS)
(FM 10-64)	(FM 3-100.4)	(FM 3-4)
(FM 3-5)	(STP 21-1-SMCT)	

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

CONDITIONS: The unit has sustained fatalities. The unit may have the capability to perform an air reconnaissance. Some remains may be contaminated. Non-mortuary affairs personnel may perform this task. The commander has assigned search and recovery team leader(s) and personnel. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Search, recovery, evacuation, and emergency burial operations are performed IAW the TSOP and OPORD. At MOPP4, performance degradation factors increase time required for performing mortuary affairs.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Search and recovery team leader(s) prepare for the search. a. Review all reports concerning the incident. b. Perform a map, terrain, or aerial reconnaissance of the search area. c. Coordinate map reconnaissance with higher headquarters. d. Identify resource requirement for the mission. e. Arrange for search team's transportation to and from recovery site. f. Identify additional support requirements. g. Request additional support requirements from the S4 Section using analog and/or digital communications or messenger, and following up with a requisition for additional supplies. h. Coordinate NBC and EOD assistance with the unit HQ using analog and/or digital communications or messenger. i. Coordinate security of search area with unit HQ using analog and/or digital communications messenger. j. Brief personnel. k. Relay the last known location (grid coordinates) of the remains if the recovery cannot be performed to higher headquarters.		
2. Search and recovery team leader(s) prepare for movement to recovery site. a. Conduct pre-inspection of all vehicles, soldier's personal equipment, and mission-essential equipment and forms. b. Develop a load plan. c. Supervise loading of equipment in accordance with load plans. d. Verify route.		
3. Search and recovery team(s) move to the recovery site. a. Conduct movement based upon tactical situation. b. Adhere to appropriate convoy or road-march procedures.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
4. Search and recovery team leader(s) supervise search, recovery, and evacuation operations. a. Determine the best search methods to use in the particular area. b. Ensure search is conducted during the daylight hours. c. Brief search and recovery team(s) on operational procedures. d. Ensure soldiers are wearing appropriate protective gear. e. Issue personal effects bags, human remains pouches, if available, and NBC agent tags. f. Assign areas of search to each team of which the sum equals the entire search area, as directed by the commander. g. Assign a portion of the search area to an individual team member. h. Monitor search and recovery team(s) operations for compliance with TSOP and the commander's guidance.		
5. Search and recovery team(s) conducts the search. a. Search assigned areas for remains and personal effects. b. Mark locations of remains, portions, and personal effects with color-coded pin flags IAW FM 10-64. c. Initiate FMC for each remains IAW AR 40-66. d. Prepare recovery site sketch indicating locations where remains and personal effects were found.		
6. Search and recovery team(s) recovers remains. a. Inspect immediate area for booby traps and NBC contaminants. b. Ensure remains are covered or shrouded at all times when not being examined. c. Verify that DD Form 1380 is attached to the remains. d. Ensure DD Form 567 is prepared for each remains or to document mission if no remains are found. e. Ensure DD Form 565 is completed, if unit personnel knew the deceased. f. Ensure the areas around the remains are searched for personal effects and possible disassociated personal effects. g. Perform procedures for initial identification. h. Attach to contagious remains a tag marked with a large "C", and the identity of each contagion and contaminant. NOTE: Remains found in a contaminated area are to be handled IAW procedures set forth in JTTP 4-06 and evacuated directly to the MACP. i. Place personal effects into personal effects bag, if available, and attach to remains. j. Prepare a sketch of the recovery site showing major landmarks. k. Prepare a map overlay of the recovery site using analog and/or digital devices or manually. l. Forward SITREP IAW TSOP to the unit HQ using analog and digital communications or messenger. m. Employ environmental stewardship protection program procedures.		
7. Search and recovery team(s) evacuates remains to the nearest MACP. a. Coordinate evacuation of recovered remains to collection points with the support operations section using analog and digital communications. b. Ensure all records prepared at the recovery site are complete and accurate before departing the area. c. Ensure the remains are transported feet first. d. Ensure remains awaiting evacuation are shrouded from public view and guarded or escorted.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Transport the remains in the most expedient manner possible to the nearest MACP. f. Ensure all transportation assets can provide cover for the remains while being transported. g. Ensure a summary report is submitted to higher headquarters to document the search and recovery mission. NOTE: Remains should only be transported in an ambulance as a last resort. NOTE: If remains cannot be evacuated to a MACP in a timely manner, perform steps 8 and 9. 8. Search and recovery team(s) leader supervises isolated interments. a. Identify specific isolated interment site in coordination with the unit HQ using analog and/or digital communications or messenger. b. Supervise isolated interment marking IAW JTTP 4-06, FM 10-64, TSOP, and current directives c. Supervise the burial of all recovered remains and their personal effects. d. Report burial data to unit HQ using analog and/or digital communications or messenger. e. Employ environmental stewardship protection program procedures. 9. Search and recovery team(s) performs isolated interments. a. Prepare the isolated interment site(s) IAW appropriate JTTP 4-06, FM 10-64, TSOP, and current directives. b. Mark all interment sites IAW FM 10-64. c. Employ environmental stewardship protection program procedures.		

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: NONE

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4020	Respond to the Initial Effects of a Nuclear Attack	ARTEP 10-469-30-MTP
63-2-4021	Defend Against a Level I Attack	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Provide Human Resources Support (63-2-4015)

(AR 600-8-104)	(AR 220-1)	(AR 380-5)
(AR 600-8-1)	(AR 600-8-19)	(AR 600-8-2)
(FM 12-6)	(STP 21-24-SMCT)	

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

CONDITIONS: The higher HQ S1 requires a personnel daily summary report. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit HQ is required to continuously support combat operations over a prolonged period of time. Unit personnel may have been killed, wounded, captured, and/or missing. Replacements are arriving and administrative issues need to be resolved. The tactical situation allows time for personnel and administrative actions. This task is performed simultaneously with other support and operational tasks. Field-expedient and natural shelters are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Personnel and administrative support services are provided as prescribed by TSOP and OPORD. At MOPP4, personnel and administrative support is reduced to minimal essential actions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit HQ processes casualty reports (805C-PAD-2060). a. Maintains situational awareness using analog and/or digital communications. b. Verifies reports for completeness and accuracy. c. Forwards 100 percent accurate reports and witness statements to higher HQ staff element within 24 hours of incident using analog and/or digital communications. d. Updates unit battle roster to reflect 100 percent accuracy.		
2. Unit HQ performs strength accounting. a. Consolidates elements' personnel status reports. b. Forwards personnel status report to the higher HQ staff element NLT time specified in the OPORD and TSOP using analog and/or digital communications. c. Updates battle roster to reflect 100 percent accuracy.		
3. Unit HQ performs equipment status reporting. a. Consolidates elements' equipment status reports. b. Forwards equipment status reports to higher HQ staff element NLT time specified in the OPORD and TSOP using analog and/or digital communications.		
4. Unit HQ processes replacements. a. Inspects all replacement personnel for proper weapons, MOPP gear, equipment, clothing, and shot records. b. Briefs replacements on tactical situation.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Briefs replacements on chain of command and specific duties. d. Issues required supplies and equipment. e. Escorts unit replacements to assigned area. f. Records replacement data on battle reports. g. Coordinates transportation for movement of replacement individuals for supported unit to the gaining activity using analog and/or digital communications. h. Coordinates with support medical element for required immunizations using analog and/or digital communications.		
5. Unit HQ provides administrative support (805C-PAD-2044, 805C-PAD-2402, and 805C-PAD-2407). a. Forwards 100 percent accurate personnel and finance support requests to higher HQ staff element within 24 hours using analog and/or digital communications. b. Coordinates UCMJ actions with the battalion legal clerk using analog and/or digital communications. c. Administers unit awards program IAW procedures prescribed in the higher HQ TSOP. d. Provides unit-level mail service as prescribed by appropriate regulations and unit TSOP. e. Maintains classified materials IAW appropriate regulations.		
6. Unit HQ implements microcomputer and ULC security procedures (Digital Units Only). a. Establishes "controlled access" procedures to ULC and microcomputer area(s). b. Restricts access to computers by use of classified passwords. c. Rotates operator passwords every 30 days or earlier if compromise is suspected. d. Monitors ULC and microcomputers for proper usage. e. Establishes computer report distribution procedures.		
7. Unit HQ provides health, welfare, and morale support. a. Coordinates for the distribution of specialty packs and sundry items IAW higher HQ OPORD and TSOP using analog and/or digital communications. b. Monitors unit field feeding for compliance with the TSOP. c. Monitors unit sleep and rest plan for compliance with the TSOP. d. Supervises physical conditioning program. e. Coordinates laundry and shower exchange support with the S4 section using analog and/or digital communications. f. Coordinates for religious activity support using analog and/or digital communications. g. Disseminates health, welfare, and morale support information to all sub-elements using analog and/or digital communications.		

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

Task Number	Task Title	References
805C-PAD-2044	Recommend Individual for Award	STP 21-24-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT
805C-PAD-2402	Provide Input on Personnel Actions Affecting Subordinates	STP 21-24-SMCT
805C-PAD-2407	Recommend Disciplinary Action for a Soldier	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4017	Maintain Communications	ARTEP 10-469-30-MTP
63-2-4040	Establish Communications	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENT: Company Headquarters

TASK: Provide Food Service Support (63-2-4056)

(FM 10-23)	(AR 30-21)	(FM 10-27-2)
(FM 21-10)	(STP 10-92G1-SM)	(STP 10-92G25-SM-TG)
(TB MED 530)	(TM 10-412)	

ITERATION: 1 2 3 4 5 (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The commander's guidance is that soldiers will be fed at least one hot meal per day. The unit has analog and digital communications with higher HQ, and tactical operations are underway IAW the OPORD, the unit TSOP, and higher HQ TSOPs. Food is to be prepared as far forward as practical based on the tactical situation. Field kitchens are set up and food is being prepared in support of operations. Rations and water have been secured, and additional rations requested. Unit strength reports are available. Disposal facilities have been prepared. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. This task should not be trained in MOPP4.

TASK STANDARDS: Unit provides food service support IAW field feeding plan, TSOP, and commander's guidance.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Senior Food Operations Sergeant plans food service support. (101-524-1102, 101-524-3105, 101-524-3160, 101-524-3257, 101-524-3275, 101-524-3276, 101-524-3278, 101-524-3279, 101-524-4102) a. Verifies strengths of all supported units. b. Requests required amount of subsistence from supporting Class I point. c. Prepares personnel work schedules. d. Assigns duties to all food service personnel. e. Prepares production schedule, as required. f. Coordinates distribution of food to supported unit's LRP or supporting field kitchen site. g. Develops NBC decontamination procedures for equipment, supplies, and personnel. h. Coordinates food service personnel defensive duties with unit CP. i. Requests kitchen mess attendants' support from supported units (as applicable). j. Enforces safety procedures IAW TSOP and publications. k. Enforces environmental stewardship protection program procedures. l. Enforce food safety procedures IAW TB MED 530. m. Determine field kitchen equipment and food service personnel requirements.		
* 2. Senior Food Operations Sergeant supervises field kitchen operations. (101-524-1102, 101-524-1206, 101-524-3106, 101-524-3107, 101-524-3159, 101-524-3160, 101-524-3161, 101-524-3202, 101-524-3203, 101-524-3254, 101-524-3257, 101-524-3260, 101-524-3266, 101-524-3267, 101-524-3268, 101-524-3275, 101-524-3276, 101-524-3278, 101-524-3279, 101-524-3282, 101-524-4101) a. Establishes operational hours as prescribed by the field feeding plan and commander's guidance or both. b. Prepares work schedules consistent with personnel availability and meal schedules.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Monitors equipment operations, maintenance, and safety for compliance with appropriate TMs and TSOP. d. Coordinates additional supply requests with unit supply representative or other supply support element(s). e. Forwards food service personnel and equipment status reports to unit CP using analog and digital communications, wire, messenger or fax. f. Performs periodic inspections of personnel and equipment for proper operations and personal hygiene. g. Monitors employment of preventive medicine measures for compliance with field sanitation policies and procedures in the TSOP. h. Supervises decontamination of contaminated equipment, supplies, and personnel. i. Enforces safety procedures IAW TSOP and publications. j. Enforces environmental stewardship protection program procedures.		
3. Food service personnel pick up and store subsistence items. (101-524-1205, 101-524-1206) a. Inspect vehicle for cleanliness and proper dunnage. b. Inspect subsistence items for condition and quantity. c. Prepare shortages, overages, and unsatisfactory subsistence listings. d. Sign required documentation. e. Transport subsistence items from Class I point to food preparation area. f. Store subsistence items IAW security measures and appropriate directives. g. Wash packaged or canned food after NBC attack. h. Employ safety procedures IAW TSOP and publications. i. Employ environmental stewardship protection program procedures. j. Employ food safety procedures IAW TB MED 530.		
4. Food service personnel prepare meals. (101-524-1151, 101-524-1152, 101-524-1153, 101-524-1160, 101-524-1161, 101-524-1162, 101-524-1163, 101-524-1164, 101-524-1165, 101-524-1166, 101-524-1169, 101-524-1170, 101-524-1171, 101-524-1260, 101-524-1263, 101-524-1264, 101-524-3275, 101-524-3278, 101-524-3279) a. Inspect field kitchen equipment using appropriate TMs for proper operations. b. Employ personal hygiene measures. c. Perform preliminary food preparation procedures. d. Prepare menu items according to production schedule, when applicable. e. Employ field sanitation measures. f. Prepare food for transport. g. Employ safety measures IAW TSOP and publications. h. Employ environmental stewardship protection procedures. i. Inspect insulated food containers and beverage dispensers to ensure that they are preheated/pre-chilled. j. Inspect insulated food containers and beverage dispensers to ensure that the food is properly packed and labeled for remote feeding. k. Inspect that all items to support remote feeding are assembled and packed. l. Employ food safety procedures IAW TB MED 530.		
5. Food service personnel issue Class I to unit representative (1SG/Supply Sergeant). a. Verify headcount with 1SG/Supply Sergeant. b. Integrate prepared food and other Class I items into the next scheduled LOGPAC for delivery to supported unit (when applicable). c. Issue prepared food in insulated food containers.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Issue beverages in beverage dispensers. e. Issue sanitized serving utensils, plates, cups, flatware, and condiments to support the meal. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protective program procedures.		
6. Food service personnel/unit personnel (depending on the method of feeding) serve meals. a. Employ personal hygiene measures. b. Set up serving line as dictated by the tactical situation. c. Inspect mess kits (if used) to ensure they are sanitized prior to serving. d. Employ portion control. e. Maintain food at proper temperature. f. Replenish food items. g. Destroy opened food after NBC attack. h. Employ safety measures IAW TSOP and publications. i. Employ environmental stewardship program protection procedures.		
7. Food service personnel maintain equipment. a. Perform before, during, and after operations PMCS on assigned equipment. b. Maintain proper temperatures of wash and rinse water on wash line. c. Clean cooking equipment. d. Sanitize cooking equipment. e. Store clean equipment to allow air-drying. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protection program procedures.		
8. Food service personnel perform waste disposal. a. Initiate effective trash management procedures. b. Perform liquid waste disposal. c. Perform solid waste disposal. d. Clean vehicle thoroughly with prescribed cleaning agents. e. Sanitize vehicle thoroughly with prescribed cleaning agents. f. Employ field sanitation measures. g. Employ safety procedures IAW TSOP and publications. h. Employ environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
101-524-1102	Maintain Safety Standards	STP 10-92G1-SM

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-524-1151	Perform Preliminary Food Preparation Procedures	STP 10-92G1-SM
101-524-1152	Prepare and Cook Meat, Poultry, and Seafood	STP 10-92G1-SM
101-524-1153	Prepare and Cook Vegetables	STP 10-92G1-SM
101-524-1160	Prepare and Cook Fillings, Icing, and Glazes	STP 10-92G1-SM
101-524-1161	Prepare and Bake Bread Products	STP 10-92G1-SM
101-524-1162	Prepare and Cook Egg Products	STP 10-92G1-SM
101-524-1163	Prepare and Cook Cereal, Rice, or Pasta Products	STP 10-92G1-SM
101-524-1164	Prepare Beverage Products	STP 10-92G1-SM
101-524-1165	Prepare and/or Cook Sandwiches	STP 10-92G1-SM
101-524-1166	Store and Use Leftover Foods	STP 10-92G1-SM
101-524-1169	Prepare or Cook Salads and Salad Dressings	STP 10-92G1-SM
101-524-1170	Prepare and Cook Soups, Sauces, and Gravies	STP 10-92G1-SM
101-524-1171	Prepare Desserts and Pastries	STP 10-92G1-SM
101-524-1205	Store Subsistence Items	STP 10-92G1-SM
101-524-1206	Check Subsistence Supplies for Quantity and Condition	STP 10-92G1-SM
101-524-1260	Perform Cleaning and Sanitation Services at a Field Kitchen	STP 10-92G1-SM
101-524-1263	Store, Prepare, and Serve T Rations and B Rations	STP 10-92G1-SM

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-524-1264	Prepare Meals for Remote Site Feeding	STP 10-92G1-SM
101-524-3105	Conduct Daily Meetings With Personnel	STP 10-92G25-SM-TG
101-524-3106	Implement Security Procedures in a Dining Facility and at a Field Kitchen	STP 10-92G25-SM-TG
101-524-3107	Supervise the Preparing, Serving, and Storage of Food Items to Ensure Optimal Nutritional Value	STP 10-92G25-SM-TG
101-524-3159	Conduct Inventories and Process Inventory Records	STP 10-92G25-SM-TG
101-524-3160	Maintain Dining Facility Files	STP 10-92G25-SM-TG
101-524-3161	Prepare and Maintain the Cash Meal Payment Sheet and the Control Record	STP 10-92G25-SM-TG
101-524-3202	Request and Turn-in Subsistence Items Under the Army Field Feeding System (AFFS)	STP 10-92G25-SM-TG
101-524-3203	Receive and Turn-in Subsistence Items Under the Army Ration Credit System (ARCS)	STP 10-92G25-SM-TG
101-524-3254	Implement On-the-Job Training (OJT)	STP 10-92G25-SM-TG
101-524-3257	Supervise Field Kitchen Sanitation Operations	STP 10-92G25-SM-TG
101-524-3260	Brief Headcounter and Process Headcount Forms	STP 10-92G25-SM-TG
101-524-3266	Supervise Personnel in the Operation, Cleaning, and Maintenance of Dining Facility Equipment	STP 10-92G25-SM-TG
101-524-3267	Supervise Personnel in the Operation, Cleaning, and Maintenance of the Field Feeding Equipment	STP 10-92G25-SM-TG
101-524-3268	Supervise the Receipt and Storage of Subsistence Items	STP 10-92G25-SM-TG
101-524-3275	Supervise the Operation and Maintenance of the Mobile Kitchen Trailer (MKT)	STP 10-92G25-SM-TG
101-524-3276	Monitor and Provide Technical Guidance for the Operation and Maintenance of the Kitchen Company Level Field Feeding (KCLFF)	STP 10-92G25-SM-TG

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-524-3278	Schedule Shift Work, Develop Work Schedules, and Supervise Food Service Personnel	STP 10-92G25-SM-TG
101-524-3279	Determine Requirements and Establish Procedures in Support of Field Operations	STP 10-92G25-SM-TG
101-524-3282	Conduct Quality Assurance Evaluation of Food Preparation and Finished Products	STP 10-92G25-SM-TG
101-524-4101	Assign Personnel to Duty Positions	STP 10-92G25-SM-TG
101-524-4102	Develop the On-the-Job Training (OJT) Program	STP 10-92G25-SM-TG
101-92G-1103	Retain Nutrients in Food Products	STP 10-92G1-SM

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4550	Set Up Unit Headquarters, Dining Facility, and Bivouac Areas	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Combat Battlefield Stress (63-2-4303)
(FM 22-51) (FM 100-14) (FM 6-22.5)

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

CONDITIONS: The unit has been involved in operations over a prolonged period of time and personnel are exhibiting signs of battlefield stress. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The commander has directed that battlefield stress management procedures be implemented. The unit's sleep plan and TSOP to manage BF soldiers has been developed. Personnel have been cross-trained on critical tasks. This task is performed under all day and night environment conditions. The unit is subject to air, NBC, and all levels of threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit applies techniques that counter battlefield stress. Techniques used prevent degradation of morale, training, and physical condition of unit personnel.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders perform stress prevention leader actions (850-001-2000, 805C-PAD-3238, 850-001-3001, 081-831-1047). a. Issue warning orders, OPORDs, and FRAGOs to the lowest possible level using analog and/or digital communications. b. Provide soldiers an accurate assessment of the friendly and enemy situation. c. Brief leaders' intention to all unit personnel. d. Speak positively concerning the unit's missions, purpose, and abilities. e. Encourage a positive attitude throughout the unit. f. Institute an information dissemination plan designed to quell and prevent rumors. g. Inform personnel of availability of religious support. h. Implement buddy system to observe signs of stress or BF among the soldiers and leaders.		
* 2. Commander and leaders implement sleep plan. a. Provide a safe and secure area away from vehicles and other high-noise activities. b. Adjust sleep plan as dictated by tactical situation. c. Enforce the sleep plan IAW the TSOP.		
* 3. Leaders implement task rotation or restructuring procedures. a. Alternate cross-trained unit personnel on critical tasks, as required. b. Rotate unit personnel between demanding and non-demanding tasks. c. Assign two soldiers to function independently on tasks requiring a high degree of accuracy. d. Adjust task rotation policies and procedures to the tactical situation.		
* 4. Leaders implement stress-coping and management techniques (850-001-3001, 081-831-1047, and 805C-PAD-4597). a. Integrate new unit members into the unit immediately. b. Assist soldiers in resolving family/home-related problems.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Provide instruction on relaxation technique to all personnel prior to deployment. d. Conduct routine after-action stress debriefings. e. Conduct unit award, decoration, recognition and memorial ceremonies.		
* 5. Commander and leaders implement stress control techniques (850-001-2000, 805C-PAD-3238, 850-001-3001, 081-831-1047). a. Implement a plan to deal with mild, seriously stressed, or BF cases. b. Assign soldiers who show signs of stress or BF to simple tasks. c. Direct personnel to be supportive of BF or stressed soldiers. d. Refer soldiers showing signs of serious stress or BF to supporting MTF for medical evaluation. e. Reintegrate RTD soldiers into their specific element.		
6. Unit personnel employ stress prevention measures (805C-PAD-1391, 081-831-1053). a. Maintain a positive attitude concerning the unit's mission, purpose, and abilities. b. Comply with the commander's sleep plan. c. Identify other soldiers with signs of stress or BF. d. Provide immediate buddy aid support. e. Report signs of stress or BF in other soldiers to immediate supervisor. f. Accept new unit members immediately. g. Practice relaxation techniques at appropriate times and places. h. Participate in buddy system and after-action stress debriefings.		

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

Task Number	Task Title	References
081-831-1047	Supervise the Implementation of Preventive Medicine Policies	STP 21-24-SMCT
081-831-1053	Practice Individual Preventive Medicine Countermeasures	STP 21-1-SMCT
805C-PAD-1391	Comply With the Army’s Equal Opportunity and Sexual Harassment Policies	STP 21-1-SMCT
805C-PAD-3238	Enforce the Equal Opportunity Program	STP 21-24-SMCT
805C-PAD-4597	Integrate Newly Assigned Soldiers	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Process Enemy Prisoners of War (63-2-4304)
(FM 3-19.40)

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

CONDITIONS: Threat soldiers are surrendering or being captured. The unit is supporting tactical operations. An EPW collection point has been established in the support area. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit evacuates EPW to the designated EPW holding area within the time prescribed in the TSOP and/or higher HQ directives. At MOPP4, EPW processing and evacuation times increase significantly.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders supervise EPW processing in the unit area (181-105-2001, 191-379-4450). a. Disseminate designated EPW collection point(s) locations to all sub-elements using analog and/or digital communications. b. Coordinate disposition of EPW with higher HQ staff element before transporting to the rear using analog and/or digital communications. c. Monitor processing procedures to ensure compliance with the TSOP and current INTSUM.		
2. Unit personnel search EPW (191-379-4450, 181-105-1001). a. Remove all weapons and documents. b. Return personal items of no military intelligence value. c. Provide EPW a receipt for personal items taken. d. Tag each EPW and each item removed with date/time group, location of capture, capturing unit, and circumstances of capture.		
3. Unit personnel segregate EPW (191-379-4450, 181-105-1001). a. Segregate EPW by rank, sex, deserters, civilians, nationality, and ideology, when possible. b. Treat EPW casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. c. Transport EPW casualties. NOTE: See Task 63-2-4316 for detailed transportation procedures. d. Report casualties to higher HQ staff element using analog and/or digital communications.		
4. Unit personnel silence EPW (191-379-4450, 181-105-1001). a. Prevent EPW leaders from giving orders. b. Prevent communications between captured personnel. c. Conduct no conversations in front of EPW except to issue orders and maintain discipline.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
5. Unit personnel transport EPW to the rear (191-379-4450, 181-105-1001). a. Remove EPW from dangers of the immediate battle area. b. Prevent abuse of EPW by fellow soldiers or local populace. c. Transport EPW to the nearest collection point by vehicle. NOTE: If transportation is unavailable and time and distance factors permit, march EPW to the nearest collection point; if EPWs are held, water and rations must be provided.		

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

Task Number	Task Title	References
181-105-1001	Comply with the Law of War and the Geneva and Hague Conventions	STP 21-1-SMCT
181-105-2001	Enforce the Law of War and the Geneva and Hague Conventions	STP 21-24-SMCT
191-379-4450	Supervise Handling of Enemy Personnel and Equipment at Squad Level	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4305	Process Captured Documents and Equipment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Process Captured Documents and Equipment (63-2-4305)
(FM 34-54) (STP 21-24-SMCT)

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

CONDITIONS: Threat equipment and documents have been captured. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit is supporting tactical operations. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit processes all captured documents and equipment IAW disposition instructions from the S2/S3 section and the battalion TSOP. At MOPP4, documents and equipment processing and disposition times increase.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Commander and leaders supervise captured document and equipment processing (191-379-4450, 301-371-1200). a. Disseminate to all sub-elements instructions and procedures for processing captured documents and equipment using analog and/or digital communications. b. Coordinate disposition of captured documents and equipment with S2/S3 using analog and/or digital communications. c. Coordinate with S2/S3, Plans-Operations Branch for transportation of equipment to the rear using analog and/or digital communications. d. Monitor processing procedures to ensure compliance with the TSOP and Plans-Operations Branch guidance.		
2. Unit personnel report capture of documents or equipment to S3, Plans-Operations Branch (191-379-4450, 301-371-1200). a. Process reports on documents and equipment IAW FM 34-54 and the TSOP. b. Request disposition of captured documents and equipment from the Plans-Operations Branch, S2/S3, and S4 section using analog and/or digital communications. c. Tag all captured documents and equipment before evacuation.		
3. Unit executes approved disposition of captured documents and equipment (191-379-4450, 301-371-1200). a. Evacuate captured equipment IAW disposition instructions. b. Destroy the captured equipment (less medical) IAW disposition instructions. NOTE: If tactical situation does not permit equipment destruction or evacuation, or other special instructions exist, abandon captured equipment IAW disposition instructions. c. Evacuate documents through Plan-Operations Branch 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

Task Number	Task Title	References
191-379-4450	Supervise Handling of Enemy Personnel and Equipment at Squad Level	STP 21-24-SMCT
301-371-1200	Process Captured Materiel	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4304	Process Enemy Prisoners of War	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: MAINTAIN CONTACT (63-OPFOR-1011)

CONDITION: OPFOR element is tactically engaged with enemy base defense forces. Enemy forces are withdrawing under pressure.

STANDARD: 1. Engage enemy forces decisively. 2. Advance own unit or forces as enemy withdraws. 3. Inflict casualties.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Field Sanitation Functions (63-2-4315)
(FM 21-10) (AR 40-5) (FM 3-100.4)
(FM 3-4) (FM 4-25.12) (STP 21-24-SMCT)

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

CONDITIONS: The unit is in the field without permanent sanitation or water facilities. Health hazards exist requiring field sanitation procedures to be employed. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. A trained unit field sanitation team is assisting the commander in preventing any health threat. All required sanitation equipment is available. Field sanitation activities are continuous and are performed simultaneously with other operational tasks. This task is performed under all day and night environment conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Field sanitation measures are accomplished IAW the TSOP, OPORD, FM 21-10, and FM 4-25.12. FST performs field sanitation activities IAW the TSOP, commander's guidance, FM 21-10, and FM 4-25.12. At MOPP4, only minimal essential field sanitation activities are performed.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs field sanitation measures. a. Directs field sanitation activities to counter the health threat, including actions such as the setting up of hand-washing stations near each latrine and ration handling area. b. Monitors field sanitation activities. c. Enforces individual field sanitation measures. d. Requests assistance for health related problems from higher HQ for problems that are beyond the expertise of the FST IAW TSOP, OPORD, and CHS plan using the appropriate system. e. Enforces safety procedures IAW TSOP and publications. f. Enforces environmental stewardship protection program procedures.		
2. FST supervises unit field sanitation activities (081-831-9000, 081-831-1047, 081-831-1053). a. Maintains field sanitation basic load. b. Supervises distribution of field sanitation basic load items. c. Tests unit water supply for required chlorine residual. d. Monitors personnel to ensure use of protective measures against arthropods (skin, repellent, bed net, clothing, and bed net repellent) and rodents IAW applicable directives and commander's guidance. e. Monitors personnel for employment of correct hygiene measures such as hand-washing. f. Supervises installation of appropriate latrine facilities based on terrain. g. Inspects latrines and urinals. h. Inspects liquid and solid waste disposal facilities. i. Inspects hand-washing devices IAW TSOP. j. Inspects transport, storage, preparation, and service of food.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
k. Provides advice, recommendations, and training requirements to the commander. l. Enforces safety procedures IAW TSOP and publications m. Enforces environmental stewardship protection program procedures. 3. Unit elements employ field sanitation measures (081-831-9000, 081-831-1047, 081-831-1053). a. Maintain prescribed load of water purification materials. b. Prepare non-potable water for personal use. c. Consume only water designated as potable. d. Maintain latrines and hand washing facilities. 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. Report field sanitation deficiencies to FST. i. Employ safety procedures IAW TSOP and publications. j. Employ environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
081-831-1047	Supervise the Implementation of Preventive Medicine Policies	STP 21-24-SMCT
081-831-1053	Practice Individual Preventive Medicine Countermeasures	STP 21-1-SMCT
081-831-9000	Implement Preventive Medicine Measures	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4518	Set Up Unit Headquarters and Bivouac Areas	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Transport Casualties (63-2-4316)

(FM 8-10-6)	(FM 12-6)	(FM 21-11)
(FM 3-100.4)	(FM 3-4)	(FM 3-5)
(FM 57-38)	(FM 8-10-7)	(STP 21-1-SMCT)
(STP 21-24-SMCT)		

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. Some wounded EPW casualties may require evacuation. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Casualties must be evacuated from fighting positions to designated casualty collection points. All methods of transportation are employed. This task is performed simultaneously with other reorganization tasks. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Casualties are transported as soon as tactical situation permits IAW TSOP, OPORD, the provisions of the Geneva Convention, and FM 8-10-6. At MOPP4, performance degradation factors increases the time required to evacuate casualties.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Unit commander and leaders supervise transportation of casualties (081-831-0101, 081-831-1054, 805C-PAD-2060). a. Identify casualty collection points using analog and/or digital communications or messenger. b. Identify transportation requirements. c. Supervise preparation of casualties for transport. d. Coordinate transportation of casualties from unit area with higher HQ staff element IAW TSOP and FM 8-10-6 using analog and/or digital communications or messenger. e. Coordinate security requirements for the pick-up site with sub-elements and higher HQ staff element using analog and/or digital communications or messenger. f. Disseminate transportation information to unit personnel using analog and/or digital communications. g. Forward casualty feeder report and witness statements to higher HQ staff element IAW TSOP and FM 12-6 using analog and/or digital communications or messenger.		
2. Unit elements prepare casualties for transport (081-831-1054, 081-831-1000, 081-831-1046). a. Treat casualties. NOTE: See Task 08-2-0003.63-0001 for detailed treatment procedures. b. Report casualties using analog and/or digital communications or messenger, as required. c. Collect classified documents such as SOI/SSI, maps, overlays, and key lists.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Secure custody of organizational equipment IAW the TSOP. e. Forward spot casualty reports to unit HQ IAW TSOP using analog and/or digital communications. 3. Unit elements transport casualties to casualty collection points using manual carries (081-831-1054, 081-831-1000, 081-831-1046). a. Select type of manual carry appropriate to situation and injury. b. Transport casualty without causing further injury IAW FM 8-10-6. 4. Unit elements transport casualties to casualty collection points using litter carries (081-831-1054, 081-831-1000, 081-831-1046). a. Identify litter team(s). b. Construct improvised litter from available material, as required. c. Secure casualty on litter. d. Transport casualty without causing further injury IAW FM 8-10-6. 5. Unit elements transport casualties to a MTF using available vehicles (081-831-1054, 081-831-1000, 081-831-1046). a. Load maximum number of casualties with the most seriously injured last IAW FM 8-10-6; this will allow a "last in, first out" unloading procedure. b. Secure casualties in vehicle. c. Transport casualties without causing further injury IAW FM 8-10-6. * 6. Commander and leaders request aero-medical transportation, as needed (081-831-0101, 081-831-1046). a. Transmit request IAW OPORD, TSOP, and FM 8-10-6 using analog and/or digital communications. b. Select landing site, which provides sufficient space for helicopter hover, landing, and takeoff IAW FM 8-10-6 and FM 57-38. c. Supervise removal of all dangerous objects likely to be blown about prior to aircraft arrival. d. Supervise security of landing site IAW the TSOP. 7. Unit elements assist in loading ambulance. a. Employ proper carrying and loading techniques IAW FM 8-10-6. b. Load casualties in the sequence directed by crew. c. Load casualty without causing unnecessary discomfort. d. Employ safety procedures IAW the TSOP and FM 8-10-6. e. Employ environmental stewardship protection program procedures. 8. Unit elements transport chemically contaminated casualties. a. Assume MOPP4. b. Mark contaminated casualties IAW the TSOP. c. Notify supporting MTF that contaminated casualties are en route to their location using analog and/or digital communications. d. Transport casualties directly to a designated decontamination and treatment station. e. Protect casualty from further contamination during transport. 9. Unit personnel transport EPW casualties. a. Maintain security of EPW casualties IAW the TSOP. b. Search EPW casualties for weapons and ordnance prior to transport. c. Transport EPW casualties IAW the provisions of the Geneva Convention agreements 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

Task Number	Task Title	References
081-831-0101	Request Medical Evacuation	STP 21-24-SMCT
081-831-1000	Evaluate a Casualty	STP 21-1-SMCT
081-831-1046	Transport a Casualty	STP 21-1-SMCT
081-831-1054	Evacuate Casualties	STP 21-24-SMCT
805C-PAD-2060	Report Casualties	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
08-2-0003.63-0001	Treat Casualties	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Risk Management Procedures (63-2-4326)
(FM 100-14) (DA PAM 385-1) (FM 3-100.4)

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 operations. Safety hazards for personnel and equipment exist. Hazards increase as operations intensify. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Potential safety problems for tasks are identified and either reduced or eliminated. At MOPP4 performance degradation factors increase implementation time for risk management procedures.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders identify risk and or safety hazards (850-001-2000, 850-001-3001, 850-001-4001). a. Maintain situational awareness using analog and/or digital communications. b. Identify specified and implied missions and tasks in the OPLAN, OPORD, and FRAGO using analog and/or digital communications or messenger. c. Identify all risks associated with specified and implied missions or tasks. d. Integrate safety into every phase of the planning process. e. Contrast the benefits of safety measures to the unit's mission versus the potential cost of risk or safety hazards. f. Conduct continuous assessment of phases of operations for safety and risk reduction.		
* 2. Commander and leaders evaluate risk or safety hazards identified during operations (850-001-2000, 850-001-3001, 850-001-4001). a. Identify previously executed unsafe acts and their corrective actions. b. Identify all unwarranted risks. c. Compare identified risk to acceptable risk level stated in the commander's intent and based on the training 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 courses of action that minimize accidental losses.		
* 3. Commander and leaders eliminate or reduce risk and safety hazards (850-001-2000, 850-001-3001, 850-001-4001). a. Select course of action that maximizes operational effectiveness and minimizes risks. b. Develop procedures that reduce risk. c. Provide guidance that enhances safety in all phases of operation.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Prescribe safety and protective equipment that enhances safety and reduces risks. e. Enforce environmental stewardship protection program procedures. 4. Unit personnel employ safety enhancement procedures (850-001-2000, 850-001-4001). a. Practice safety procedures during all mission rehearsals and operations. b. Correct unsafe acts on the spot. c. Report to unit safety officer risk or safety violations beyond unit's corrective level. d. Employ environmental stewardship protection program.		

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

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-3001	Control Mission Safety Hazard	STP 21-24-SMCT
850-001-4001	Integrate Risk Management into Platoon	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4010	Plan Unit Defense	ARTEP 10-469-30-MTP
63-2-4014	Plan Area Damage Control Operations	ARTEP 10-469-30-MTP
63-2-4016	Employ Operations Security Measures	ARTEP 10-469-30-MTP
63-2-4303	Combat Battlefield Stress	ARTEP 10-469-30-MTP
63-2-4306	Employ Physical Security Measures	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Receive Re-supply by Airdrop (63-2-4514)
(FM 10-500-7) (FM 3-100.4)

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

CONDITIONS: Since normal supply support transportation is unavailable, supplies and equipment have been requested by airdrop. MHE and vehicles have been requested. Airdrop of supplies and equipment may be preplanned or immediate. The unit has analog and digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. This task is performed under most day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Supplies and equipment are de-rigged and airdrop items are recovered IAW with the TSOP and OPORD. At MOPP4, re-supply by airdrop is significantly degraded.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit HQ prepares requests for supplies and equipment by airdrop. a. Identifies supplies and equipment needed. b. Forwards requests for additional supplies and equipment to higher HQ using analog and digital communications or messenger. c. Identifies drop zone. d. States date and time of airdrop on request. e. Forwards request for preplanned or immediate airdrop to higher HQ staff element using analog and digital communications or messenger.		
* 2. Commander and element leaders develop airdrop supply and equipment receipt plan (850-001-2000). a. Designate a recovery officer and safety officer. b. Verify delivery time and location with higher HQ staff element using digital devices, radio, wire, or messenger. c. Coordinate for DZ control with an Air Force combat control team or an Army pathfinder unit, through higher HQ staff element using analog and digital communications or messenger. d. Prepare recovery and alternate plans. e. Identify the number of people, equipment, and vehicles required for the recovery of supplies and equipment. f. Coordinate transportation and MHE support with higher HQ staff element using analog and digital communications or messenger. g. Enforce safety procedures IAW TSOP and publications. h. Identify environmental stewardship protection program procedures. i. Brief personnel on the tactical situation, recovery plan, and alternate plans.		
3. Unit receives supplies and equipment (113-571-1022, 071-326-0608, 850-001-2000). a. Secures drop zone or AO. b. De-rigs supplies and equipment. c. Records shortages. d. Identifies damaged items.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Evacuates supplies and equipment. f. Retrieves airdrop rigging equipment. g. Buries or destroys airdrop rigging equipment that cannot be removed. h. Inspects the drop zone or area of operation to make certain no serviceable airdrop equipment is left behind. i. Forwards airdrop equipment to nearest salvage collection point or other location as directed by the S4 section. j. Forwards SITREP to higher HQ staff elements using analog and digital communications or messenger. k. Employs safety procedures IAW TSOP and publications. l. Employs environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
113-571-1022	Perform Voice Communications	STP 21-1-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4515	Provide Unit Supply Support	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENT: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Provide Unit Supply Support (63-2-4515)

(FM 10-27-4)	(AR 710-2)	(DA PAM 710-2-1)
(FM 10-27-2)	(FM 10-27-3)	(FM 3-100.4)
(STP 10-92Y12-SM-TG)	(STP 10-92Y34-SM-TG)	

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit HQ is receiving requests for supplies from subordinate elements. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. Equipment and supplies are arriving through supply channels, but additional supplies are required. Extra small arms and ammunition are stored in the supply area. Supply support is a continuous task that is performed simultaneously with other support and operational tasks. This task is performed under all day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Supplies, weapons, and ammunition requirements established by the TSOP and/or OPORD are on hand or coordinated for use, when needed. At MOPP4, unit supply support is reduced to minimum essential actions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander directs unit supply operations. a. Inspects supply records and status to ensure compliance with supply regulations, directives, and TSOP. b. Verifies 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. NOTE: The commander prepares for inventories by having the supply sergeant access unit hand receipts and component listings from the ULLS-S4 main menu and printing out required reports. d. Updates the ULLS-S4 database using the annotated worksheets. e. Inspects unit equipment, weapons, and ammunition storage areas for compliance with supply regulations, directives, and TSOP. f. Directs issue of supplies and equipment IAW higher HQ guidance and/or TSOP sustainment controls. g. Forwards routine supply, weapons, and small arms ammunition requirements to higher HQ S4 section by inputting requests into ULLS-S4 and forwarding request data disks to the S4 section. h. Forwards emergency supply requests to the higher HQ S4 section, using analog and/or digital communications and follow up with a supply request through ULLS-S4. i. Anticipates supply needs and requirements of the unit.		
* 2. Supply Sergeant supervises unit supply activities. (101-92Y-1002, 101-92Y-1003, 101-92Y-1004, 101-92Y-1116, 101-92Y-1119, 101-92Y-1200, 101-92Y-1201, 101-92Y-2113, 101-92Y-2114, 101-92Y-2115, 101-92Y-2116, 101-92Y-3001, 101-92Y-3002, 101-92Y-3110, 101-92Y-3203, 101-92Y-3204, 101-92Y-4110)		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Verifies supply due-in status from the ULLS-S4 document register. NOTE: The supply sergeant updates the ULLS-S4 document register regularly with status disks received from the SSA. The supply sergeant accesses the document register from the ULLS-S4 main menu to check statuses. 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 control of weapons and ammunition. f. Prepares input to Material Condition Status Reports maintained by the maintenance personnel by annotation of the ULLS-G generated equipment status sheets. g. Enforces safety procedures IAW TSOP and applicable publications. h. Enforces environmental stewardship protection program procedures.		
3. Unit HQ requests additional supplies. (101-92Y-1001, 101-92Y-1110, 101-92Y-1111, 101-92Y-1112, 101-92Y-1113, 101-92Y-1114, 101-92Y-1115, 101-92Y-1116, 101-92Y-1200, 101-92Y-1201, 101-92Y-1204, 101-92Y-2113, 101-92Y-2114, 101-92Y-2115) a. Collects requirements from elements using analog and/or digital communications or messenger. b. Calculates re-supply requirements. c. Records requests on the ULLS-S4 document register. d. Forwards re-supply request to higher HQ S4 section using analog and/or digital communications.		
4. Supply personnel receive supplies. (101-92Y-1110, 101-92Y-1113, 101-92Y-1114, 101-92Y-1115, 101-92Y-1116, 101-92Y-1117, 101-92Y-1118, 101-92Y-1200, 101-92Y-1201, 101-92Y-2113) a. Compare supply quantities and stock numbers requisitioned against quantities and stock numbers received. b. Update the ULLS-S4 document register with quantities and date received, as well as any new status on partial shipments. NOTE: Update document register by accessing it from the ULLS-S4 main menu and changing appropriate data fields. c. Forward supplies to requesting element.		

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

Task Number	Task Title	References
101-92Y-1001	Operate Unit Level Logistics-S4 System (ULLS-S4)	STP 10-92Y12-SM-TG

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-92Y-1002	Establish ULLS-S4 Security Accesses	STP 10-92Y12-SM-TG
101-92Y-1003	Establish ULLS-S4 Unit Parameter Files	STP 10-92Y12-SM-TG
101-92Y-1004	Establish ULLS-S4 Property Origin Record	STP 10-92Y12-SM-TG
101-92Y-1110	Inventory Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1111	Request Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1112	Request Cancellation of Supplies	STP 10-92Y12-SM-TG
101-92Y-1113	Receive Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1114	Issue Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1115	Store Selected Supplies and Equipment in Unit Storage Area	STP 10-92Y12-SM-TG
101-92Y-1116	Maintain Due-in Status File for Requested Items	STP 10-92Y12-SM-TG
101-92Y-1117	Turn In Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1118	Transfer Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-1119	Prepare Unit Supply Files	STP 10-92Y12-SM-TG
101-92Y-1200	Control Weapons and Ammunition in the Arms Room	STP 10-92Y12-SM-TG
101-92Y-1201	Maintain Key Control	STP 10-92Y12-SM-TG
101-92Y-1204	Perform Organizational Maintenance on Small Arms	STP 10-92Y12-SM-TG

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
101-92Y-2113	Update Supply Status	STP 10-92Y12-SM-TG
101-92Y-2114	Account for Absentee's Clothing, Equipment, and Personal Effects	STP 10-92Y12-SM-TG
101-92Y-2115	Dispose of Absentee's Clothing, Equipment, and Personal Effects	STP 10-92Y12-SM-TG
101-92Y-2116	Supervise Inventory of Supplies and Equipment	STP 10-92Y12-SM-TG
101-92Y-3001	Verify ULLS-S4 Security Accesses	STP 10-92Y34-SM-TG
101-92Y-3002	Review ULLS-S4 Unit Parameter Files	STP 10-92Y34-SM-TG
101-92Y-3110	Manage Hand Receipts/Subhand Receipts	STP 10-92Y34-SM-TG
101-92Y-3203	Supervise Unit Arms Room Operations	STP 10-92Y34-SM-TG
101-92Y-3204	Supervise Organizational Maintenance of Weapons	STP 10-92Y34-SM-TG
101-92Y-4110	Manage Property Distribution	STP 10-92Y34-SM-TG

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4514	Receive Re-supply by Airdrop	ARTEP 10-469-30-MTP
63-2-4516	Receive External Sling Load Re-supply	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Receive External Sling Load Re-supply (63-2-4516)
(FM 10-450-3) (FM 10-450-4) (FM 10-450-5)
(FM 3-100.4)

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

CONDITIONS: The unit is alerted for incoming re-supplies by external sling load. Support operations section (if immediate re-supply) or S4 section (if routine re-supply) notifies the unit of the anticipated type and amount of supplies or equipment and the scheduled delivery time. The unit has analog and digital communications with higher HQ. The higher HQ OPORD, unit TSOP, and higher HQ TSOP are available. The unit has personnel trained in sling load procedures. Helicopter(s) deliver supplies and/or equipment to a designated landing zone (LZ) near the unit position. The landing zone (LZ) is secured. Slings and allied materials may or may not be returned with delivery helicopter(s) to unit of origin. This task is performed under most day or night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack.

Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Supplies and/or equipment are de-rigged and cleared from LZ IAW the unit TSOP or battalion OPORD. At MOPP4, performance degradation factors increase sling load operation time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and element leaders develop supplies and/or equipment receipt plan (850-001-2000). a. Maintain situational awareness using analog and digital communications. b. Verify quantity and type of supplies and/or equipment and delivery time with Support Operations Section or S4 Section using analog and digital communications. c. Coordinate LZ security and location with Support Operations Section using analog and digital communications or messenger. d. Appoint landing zone officer or NCO. e. Coordinate additional motor transport, MHE, and special equipment requirements with S4 Section using analog and digital communications or messenger. f. Assign appropriate number and composition of ground crew(s) based on tactical situation, type and quantity of cargo, and size of landing zone. g. Request required protective equipment from unit supply. h. Brief landing zone officer or NCO on tactical situation, size of operation, preparation and clearance of LZ, protective equipment, and safety precautions.		
* 2. Ground crew(s) performs LZ preparation activities (850-001-2000). a. Establish security of the LZ. b. Remove all obstructions from LZ. c. Mark all non-removable obstructions. d. Clear all loose debris from the LZ. e. Set up all required visual markers.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
f. Position vehicles and other equipment out of the LZ. g. Rehearse hand or arm and other visual signals. 3. LZ officer/NCO supervises external sling load re-supply operations (850-001-2000, 850-001-4001, 071-326-0608). a. Identifies wind direction and speed. b. Transmits wind direction and speed to incoming aircraft, as requested using radio systems. c. Identifies aircraft approach direction. d. Prepares LZ emergency security and reaction plan. e. Identifies ground crew(s) rendezvous or rally point(s). f. Secures all required LZ marking and personnel protection equipment. g. Organizes ground crew team(s). h. Briefs ground crew team(s) on tactical situation, size of operation, preparation, and clearance of LZ, emergency procedures, protective equipment, and safety precautions. i. Assigns individual team members duties. j. Supervises de-rigging operations. k. Supervises loading of supplies and/or equipment on vehicles. l. Supervises LZ clearance activities. m. Enforces safety procedures IAW TSOP and applicable publications. n. Enforces environmental stewardship protection program procedures. 4. Ground crew(s) de-rig external sling load supplies or equipment (850-001-2000, 850-001-4001, 071-326-0608). a. Wears hearing and eye protection. b. Employs visual signals to guide helicopter to de-rigging point. c. Ground static discharge probe to cargo hook. d. Releases load from helicopter. e. Provides "affirmative" signal to pilot for lift-off when load is unhooked and clear of helicopter. f. Employs safety procedures IAW TSOP and publications. g. Employs environmental stewardship protection program procedures. 5. Ground crew(s) prepares slings and/or nets for air transport retrograde (850-001-2000, 850-001-4001, 071-326-0608). a. Removes cargo sling and/or nets from supplies or equipment. b. Secures all slings and/or nets in a cargo net. c. Employs proper hand signals to guide helicopter into position. d. Ground static discharge probe to net rings. e. Connects sling equipment to helicopter cargo hook. f. Employs safety procedures IAW TSOP and publications. g. Employs environmental stewardship protection program procedures. 6. Ground Crew(s) and vehicle operator(s) clear LZ (850-001-2000, 850-001-4001). a. Load all supplies or equipment on vehicle(s). b. Load all slings and/or nets on vehicle(s). c. Remove all loose debris from LZ. d. Employ safety procedures IAW TSOP and publications. e. Employ environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
071-326-0608	Use Visual Signaling Techniques	STP 21-24-SMCT
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT
850-001-4001	Integrate Risk Management into Platoon	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4515	Provide Unit Supply Support	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Perform Unit-Level Maintenance (63-2-4552)

(FM 4-30.3)	(AR 220-1)	(AR 750-1)
(DA PAM 385-1)	(DA PAM 738-750)	(DA PAM 750-1)
(FM 100-14)	(FM 3-100.4)	

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Maintenance areas have been established and unit maintenance personnel are receiving requests to repair or recover inoperative equipment. The unit has digital and analog communications with higher HQ and tactical operations are underway. All required maintenance equipment, tools, and personnel are available. The unit TSOP is on hand. Operators are performing PMCS. Requests for recovery support are being received. Some recovery operations must be performed under fire with injured operators still on board. Unit maintenance is a continuous task, performed simultaneously with other internal support and operational tasks. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Maintain and recover unit and supported unit equipment according to the appropriate TMs and TSOP. At MOPP4, performance degradation factors increase completion times of maintenance activities.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Unit Maintenance Officer directs maintenance program. a. Monitors the company and supported unit maintenance program for compliance with the TSOP and commander's guidance. b. Directs proper use of ULLS-G in support of maintenance functions and activities. c. Identifies unit and supported unit operational readiness levels by inspecting vehicles and equipment status reports. d. Identifies current or anticipated maintenance problems through review and analysis of current reports and historical data. e. Coordinates resolution of maintenance problems with battalion S4. f. Directs controlled exchange, IAW command guidance, when required repair parts are not available. g. Approves repairs using BDAR procedures. h. Prepares materiel condition status reports for input into ULLS-G system. i. Enforces safety procedures IAW TSOP and publications. j. Enforces environmental stewardship protection program procedures.		
* 2. Platoon sergeants and leaders supervise operator's maintenance (091-CLT-3009). a. Supervise performance of PMCS. b. Monitor repair parts supply processes in order to better forecast the availability or non-availability of equipment. c. Inspect vehicles, weapons, and equipment to ensure compliance with TMs, TSOP, and commander's guidance. d. Coordinate maintenance assistance with maintenance personnel.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Maintain current maintenance status of all vehicles, weapons, and equipment. f. Provide input for materiel condition status reports. g. Enforce safety procedures IAW TSOP and publications. h. Enforce environmental stewardship protection program procedures.		
3. Company personnel perform operator's maintenance (091-CLT-3009). a. Perform PMCS on all vehicles and equipment according to the appropriate TM specifications. b. Notify supervisor of maintenance problems beyond operator's capabilities. c. Assist maintenance personnel with repairs and services. d. Request approval for BDAR from commander through appropriate NCO support channels and chain of command. e. Perform BDAR IAW FM 9-43-2. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protection program procedures.		
* 4. Senior Maintenance Supervisor supervises maintenance section (091-CLT-4029). a. Verifies ULLS-G system operability and operator competency. b. Organizes unit maintenance personnel for an efficient workflow. c. Requests approval for BDAR from appropriate commander. d. Supervises BDAR procedures IAW TSOP and FM 9-43-2. e. Supervises TAMMS, PLL procedures for company and supported unit. f. Supervises recovery operations for company and supported unit. g. Coordinates maintenance status with company and supported unit platoon sergeants and 1SGs. h. Requests controlled exchange approval from appropriate commander. i. Provides unit maintenance status to company and supported unit commanders. j. Enforces environmental stewardship protection program procedures. k. Enforces safety procedures IAW TSOP and publications.		
5. Maintenance personnel repair organic and supported unit equipment. a. Verify fault diagnosis/category of maintenance. b. Request required repair parts. c. Repair equipment according to the applicable level TM specifications. d. Record completed work on appropriate document(s). e. Perform final inspection of completed work. f. Notify supervisor upon completion of repairs. g. Employ environmental stewardship protection program procedures. h. Employ safety procedures IAW TSOP and publications.		
6. Maintenance personnel conduct transactions with support maintenance organization. a. Identify category of maintenance. b. Correct all unit-level maintenance deficiencies. c. Prepare required documentation according to the TM and TSOP. d. Evacuate equipment to supporting maintenance facilities. e. Pick up equipment upon completion of repairs. f. Employ safety procedures IAW TSOP and publications. g. Employ environmental stewardship protection program procedures.		
7. Maintenance personnel react to battle damaged vehicle(s) (recoverable). a. Request direct and/or indirect supporting fire, if required. b. Move on a concealed route to the disabled vehicle(s).		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Treat casualties according to the current treatment procedures. d. Remove casualties from the vehicle without causing further injuries. e. Request medical assistance, if required. f. Evacuate casualties according to medical evacuation procedures. g. Tow the vehicle to a concealed location, if required. h. Perform BDAR IAW FM 9-43-2. i. Repair vehicle if possible. j. Evacuate non-repairable vehicle(s) to unit maintenance collection point(s). k. Employ safety procedures IAW TSOP and FM 9-43-2. l. Employ environmental stewardship protection program procedures.		
8. Maintenance personnel react to battle-damaged vehicle(s) (unrecoverable). a. Request direct and/or indirect supporting fire if required. b. Move on a concealed route to disabled vehicle(s). c. Treat casualties according to the current treatment procedures. d. Remove casualties from the vehicle(s). e. Request medical assistance if required. f. Evacuate casualties according to the medical evacuation procedures. g. Perform BDAR IAW FM 9-43-2. h. Request disposition of unrecoverable vehicle(s) from appropriate commander. i. Conduct salvage operations as directed by the appropriate commander or maintenance supervisor. j. Prepare vehicle(s) for destruction. k. Destroy vehicle(s) on order from the appropriate commander or designated representative. l. Employ safety procedures IAW TSOP and publications. m. Employ environmental stewardship protection program procedures.		
9. Maintenance personnel perform maintenance administrative and support functions. a. Maintain company and supported unit's PLL. b. Request repair parts for the company and supported unit's organizational equipment. c. Control unserviceable repairable items. d. Maintain separate document register(s) for each company according to applicable directives. e. Maintain separate maintenance control records for the company and supported unit. f. Operate ULLS-G computer according to the appropriate ETM. g. Maintain publications, tools, and equipment. h. Maintain power generators. i. Employ safety procedures IAW TSOP and publications. j. Employ environmental stewardship protection program procedures.		

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

Task Number	Task Title	References
091-CLT-3009	Supervise Maintenance Operations	STP 21-24-SMCT
091-CLT-4029	Supervise Preventive Maintenance Checks (PMCS)	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4515	Provide Unit Supply Support	ARTEP 10-469-30-MTP
63-2-4522	Destroy Supplies and Equipment	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Unit Move (63-2-4001)
(FM 55-30) (FM 100-14) (FM 3-100.4)
(FM 3-4)

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

CONDITIONS: The unit receives a warning notice from higher HQ of a tentative relocation and must plan a unit move. More details are received prior to completion of this task. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Higher HQ staff element coordinates external support requirements. Tentative new areas forward and rear have been designated by higher HQ staff element in the contingency plans. Movement can occur in a field or MOUT environment. After movement analysis, the commander assembles key leaders who provide current personnel and equipment status reports. The TSOP with movement readiness levels and current loading plans are available. Higher HQ staff element issues maps with tentative locations. Situation changes may cause the unit to echelon its displacement. Support is required at the old site until the new site is operational. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The displacement plan is completed based on movement procedures and policies in the TSOP, warning order, and movement order. At MOPP4, performance degradation factors increase planning completion time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander conducts analysis of the movement (850-001-2000, 071-329-1019, 551-88N-0003). a. Identifies all specified and implied movement tasks in the warning notice. b. Identifies all documented relocation policies and procedures required from the higher HQ TSOP and movement order, and the unit TSOP. c. Lists all essential tasks required to relocate the unit in one or more lifts. d. Identifies all movement constraints that can be identified by hard copy or digital tactical map or a map reconnaissance of possible routes from old to new site. e. Issues warning notice to all the unit's subordinate elements using analog or digital communications or messenger. f. Applies risk management processes as an integrated feature of task performance.		
2. Unit HQ coordinates for additional support requirements. a. Coordinates convoy marking equipment, vehicles, and other equipment requirements with higher HQ staff element using analog and/or digital communications. b. Coordinates tactical information and security requirements with higher HQ staff element using analog and/or digital communications or messenger. c. Coordinates CHS requirements with higher HQ staff element using analog and/or digital communications or messenger.		
3. Unit HQ prepares and briefs the stay-behind party plan.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Coordinates stay-behind party requirements with higher HQ staff element using analog and/or digital communications. b. Identifies stay-behind party leader and composition based on higher HQ staff element requirements. c. Identifies all operational limitations and security requirements in coordination with higher HQ staff element using analog and/or digital communications. d. Designates assembly area location for stay-behind party that provides cover and concealment and does not interfere with departure of the main body from the area. e. Briefs stay-behind party leader on the commander's intent, operational and security requirements, communications, and site close-down procedures. f. Forwards location(s) of stay-behind facilities to higher HQ staff element using analog and/or digital communications or messenger.		
* 4. Commander and unit leaders prepare a displacement plan (071-329-1019, 191-379-4407, 551-88N-0003). a. Calculate unit's operational readiness level by using all vehicle, equipment, and personnel status reports. b. Coordinate repair of inoperable vehicles and equipment and repair time restrictions with the unit's or supporting maintenance element. c. List sequentially all tasks required to relocate the unit. d. List all equipment required to relocate the unit. e. Assign time limitations for the completion of each relocation task. f. Adjust load plans to accommodate current operational readiness levels. g. Designate personnel and equipment for advance/quartering and reconnaissance parties. h. Assign all relocation tasks to specific elements. i. Designate uniform, weapons, and equipment requirements for road march. j. Designate the march commander to control unit elements from SP to RP. k. Brief relocation plan to higher HQ staff element. l. Brief all unit personnel on relocation plan. m. Apply risk management processes as an integrated feature of task performance.		

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

Task Number	Task Title	References
071-329-1019	Use a Map Overlay	STP 21-24-SMCT
191-379-4407	Plan Convoy Security Operations	STP 21-24-SMCT
551-88N-0003	Plan a Unit Move	STP 21-24-SMCT

SUPPORTING INDIVIDUAL TASKS

Task Number	Task Title	References
850-001-2000	Employ Accident Prevention Measures and Risk Management Process	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4002	Prepare Unit to Move	ARTEP 10-469-30-MTP
63-2-4003	Conduct Tactical Road March	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Occupation of New Area of Operations (63-2-4007)
(FM 101-5) (AR 530-1) (FM 10-27-1)
(FM 10-27-2) (FM 3-25.26) (FM 3-4)
(FM 55-30)

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

CONDITIONS: The unit has received a warning order requiring movement to a new AO. Planning must begin immediately. The unit has analog and/or digital communications with higher HQ. The unit TSOP, and higher HQ TSOP are available. The higher HQ OPORD, with annex showing the location and proposed dimensions of the new higher HQ and unit area, is available. Reconnaissance information has been received from the higher HQ reconnaissance party and elements previously located in the general area. Tentative plans are subject to change by the advance/quartering party. Field expedient and natural shelters are available. Higher HQ analysis of the AO is available. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Occupation plan is completed NLT advance/quartering party departure and accommodates all unit activities and equipment IAW higher HQ and unit TSOP. At MOPP4, performance degradation factors increase planning completion time.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders verify suitability of new area (071-329-1019). a. Verify space requirements for number and types of vehicles, base facilities, and possible augmentations. b. Verify area's ability to support weight of vehicles, equipment, and supplies in various types of weather using the analysis of the AO. c. Inspect area for defensibility. d. Inspect area for adequate cover and concealment. e. Verify buildings are located near access road and the areas around the buildings are large enough to meet traffic requirement (Urban). f. Coordinate area limitations, constraints, and possible resolutions with higher HQ staff element using analog and/or digital communications or messenger.		
* 2. Commander and leaders formulate a tentative unit layout plan (071-329-1019, 191-379-4408). a. Identify general location of the unit CP. b. Identify area of all sub-elements, including tentative defensive boundaries. c. Develop traffic plan that identifies the traffic pattern and dismount point(s). d. Develop hasty security plan that identifies tentative guard posts and crew-served weapon positions. e. Develop communication plan depicting wire, analog, and/or digital communications diagrams for all sub-elements. f. Provide "runner" instructions until wire communications are operational. g. Coordinate tentative layout plan with higher HQ staff element using analog and/or digital communications or messenger.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
h. Brief advance/quartering party on details of layout plan with adjustment options.		
* 3. Commander and leaders plan advance/quartering party activities (071-329-1019).		
a. Identify required advance/quartering party tasks from the TSOP.		
b. Identify advance/quartering party vehicles and personnel constraints as established by higher HQ staff element.		
c. Identify time limitations for completion of advance/quartering party tasks.		
d. List essential advance/quartering party tasks.		
e. List equipment required to perform essential tasks within vehicle constraints.		
f. Brief advance/quartering party leader on area preparation tasks, available equipment, and possible options due to decreases in personnel or equipment failure.		

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

Task Number	Task Title	References
071-329-1019	Use a Map Overlay	STP 21-24-SMCT
191-379-4408	Plan Security for a Command Post	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4001	Plan Unit Move	ARTEP 10-469-30-MTP
63-2-4002	Prepare Unit to Move	ARTEP 10-469-30-MTP
63-2-4003	Conduct Tactical Road March	ARTEP 10-469-30-MTP
63-2-4005	Cross a Radiologically Contaminated Area	ARTEP 10-469-30-MTP
63-2-4008	Perform Advance/Quartering Party Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Unit Defense (63-2-4010)
(FM 10-27-3) (FM 10-27-2) (FM 3-4)
(FM 7-10) (STP 21-24-SMCT)

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

CONDITIONS: The unit's defensive area of responsibility has been assigned by a higher HQ staff element and defense of the area must be planned. The unit has analog and/or digital communications with higher HQ. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. The unit commander has conducted a mounted or dismounted reconnaissance of the area. Selected personnel have occupied initial security positions. The unit layout plan is finalized. Automatic weapons are positioned on likely avenues of approach. The unit's administrative and operational areas are established simultaneously with its defensive set up. The detail and complexity of the defense is dependent upon the amount of time the unit is to be at this location. Field expedient and natural shelters are available. This task is performed in all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Defense plan is completed IAW the TSOP and higher HQ guidance and is integrated into the higher HQ defense plan. At MOPP4, performance degradation factors increase unit's planning times.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander and leaders perform terrain analysis of unit's area of responsibility. a. Maintain situational awareness using analog and/or digital communications. b. Identify terrain features that provide cover and concealment or other advantages to the threat force. c. Identify likely avenues of approach for mounted and dismounted forces and threat aircraft. d. Identify probable dead space(s) in the unit's area. e. Identify locations of preplanned indirect fire targets and target reference points in coordination with higher HQ staff element using analog and/or digital communications. f. Identify locations of restrictive fire zones within or in the immediate vicinity of the unit's area of responsibility.		
* 2. Commander and leaders prepare preliminary base fire plan (191-379-4408). a. List available weapon systems and element to which they are assigned. b. Calculate each element's personnel assets based on the availability of personnel during normal operations. c. Designate sub-element boundaries that cover the entire unit area of responsibility based on the normal availability of weapons and personnel. d. List probable engagement areas based on terrain analysis of the area of responsibility and data provided by higher HQ staff element. e. Establish coordination channels with adjacent units to integrate interlocking fires. f. List target areas for each type weapon system in the unit. g. List indirect fire and CAS target reference points.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
h. Coordinate fire support coordination measures with higher HQ staff element using analog and/or digital communications.		
* 3. Commander and leaders prepare preliminary mobility and counter-mobility plan. a. List locations of obstacles and types based on desired engagement areas, dead space, and preplanned indirect fire support using analog and/or digital communications. b. Identify available obstacle assets and resources for emplacement. c. Coordinate additional obstacle requirements with higher HQ staff element using analog and/or digital communications or messenger.		
* 4. Commander and leaders prepare preliminary air defense plan (441-091-3000). a. Identify applicable air defense policies, procedures, and requirements in higher HQ and unit TSOP. b. List probable air avenues of approach. c. List current weapon control status as received from higher HQ staff element. d. Identify air defense warning signals. e. Designate locations for air watch positions.		
* 5. Commander prepares reaction force plan. a. Lists base cluster reaction force requirements based on higher HQ TSOP or guidance. b. Lists internal reaction force requirements based on unit TSOP and personnel availability. c. Designates internal reaction force rally point. d. Lists sub-elements' tasking for external and internal reaction forces requirements.		
* 6. Commander prepares ground early-warning plan. a. Designates location for employment of PEWS based on terrain analysis. b. Designates location(s) for deliberate OPs and LPs.		
* 7. Commander plans sector defense. a. Designates boundaries of sub-elements based on unit plan. NOTE: Boundaries should be consistent with deployed weapon systems and personnel available to man the perimeter. b. Designates crew-served automatic weapon positions with fields of fire that cover most likely dismounted avenues of approach and afford maximum cover and concealment. c. Designates anti-armor weapon positions, laterally and in depth that covers most likely mounted avenues of approach and affords maximum cover and concealment. d. Assigns sectors of fire to crew-served weapons where their fires overlap, integrate, and mutually support beyond the point of hand grenade range (35 meters). e. Assigns armor kill zones for anti-armor weapons within the element. f. Assigns grenade launcher positions to cover dead space areas. g. Designates individual weapon positions where fires overlap and provide flank security for automatic weapons. h. Identifies indirect fire and CAS target reference points within the platoon's sector. i. Identifies locations and types of obstacles within the platoon's sector. j. Identifies locations of restrictive fire zones within the platoon's sector. k. Coordinates integration of interlocking fires with adjacent elements on the left and right.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 8. Section/squad leaders plan sector defense. a. Identify all primary positions within the section/squad's sector. b. Identify locations of obstacles, target reference points, and restrictive fire zones within the section/squad's defensive sector. c. Select alternate positions for each primary position that covers the same sector of fire as the primary position. d. Select individual alternate positions based on key weapon alternate positions. e. Select alternate positions that provide covered and concealed withdrawal routes. f. Select supplementary positions that are within 200 meters of primary positions and are oriented in a different direction from primary positions. g. Designate sectors of fire for each supplementary position that interlock and provide mutual supporting fire. h. Coordinate integration of interlocking fires with adjacent elements using analog and/or digital communications or messenger.		

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

Task Number	Task Title	References
191-379-4408	Plan Security for a Command Post	STP 21-24-SMCT
441-091-3000	Supervise the Implementation of Air Defense Measures	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4007	Plan Occupation of New Area of Operations	ARTEP 10-469-30-MTP
63-2-4008	Perform Advance/Quartering Party Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS:
Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Maintain Communications (63-2-4017)

(FM 11-32)	(AR 380-19)	(AR 530-1)
(FM 24-16)	(FM 24-18)	(FM 24-19)
(FM 24-22)	(FM 24-35)	(FM 24-35-1)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit must maintain analog and/or digital communications internally, with higher HQ and with other units on the battlefield. Communications equipment has been set up and the SOI/SSI is available. The higher HQ OPORD, the unit TSOP, and higher HQ TSOP are available. Support operations and unit internal operations are conducted by analog and digital communications, telephone, or messenger. Threat is conducting EW and is capable of locating stations with direction finding equipment. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and all levels of threat forces attacks. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Unit provides uninterrupted 24-hour analog and/or digital communications through one or more external means. At MOPP4, performance degradation factors increase time required to maintain unit communications system.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
1. Unit HQ operates the unit NCS (113-637-2001). a. Opens analog and/or digital nets IAW current SOI/SSI. b. Challenges all analog and/or digital stations in net as required by the SOI/SSI. c. Controls entry and departure of all stations. d. Monitors the net for operability and connectivity of digital devices. e. Reports loss and/or operating difficulties of any analog or digital station to the chain of command and higher HQ communications element. f. Enforces station and net restrictions. g. Monitors the net to detect errors in operating procedures. h. Corrects all errors in net operating procedures. i. Enforces station listening silence as prescribed by OPORD or commander's directive. j. Lifts radio listening silence as prescribed by OPORD or commander's directive. k. Completes transition to extend range of radio station within 15 minutes, if required. l. Remotes radio station at least one kilometer, if required. m. Directs change to alternate frequency when compromise of primary frequency is suspected. n. Closes net IAW the SOI/SSI.		
2. Operators transmit and receive messages (113-637-2001). a. Process messages by precedence, date/time group, and IAW the TSOP. b. Process incoming messages without errors. c. Forward incoming messages to appropriate element/section. d. Check outgoing messages for completeness and readability.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
e. Employ approved radiotelephone procedures. f. Transmit messages IAW precedence, correct format, and prescribed text. g. Employ approved codes and brevity lists when transmitting the names of persons, places, and sensitive information. h. Encode all grid coordinates using the current SOI/SSI. i. Decode all grid coordinates using the current SOI/SSI. j. Transmit radio messages for no longer than 20 seconds. k. Employ lowest operational power setting consistent with operations requirements. l. Maintain station log. m. Troubleshoot radio set as necessary and within operator's capability. n. Correct faults (within operator's capability). o. Report uncorrectable faults to higher HQ S6 for resolution.		
3. Unit operators maintain digital and/or analog communications (113-637-2001). a. Maintain digital and/or analog communications between the unit CP and all sub-elements. b. Maintain digital and/or analog communications with higher HQ and all supported unit elements using analog and/or digital communications. c. Notify higher HQ S6 when digital and/or analog communications are partially or completely inoperative.		
4. Unit personnel maintain landline communications (113-600-2001). a. Maintain wire communications between the unit CP and all sub-elements. b. Maintain a hot loop between the unit CP and sub-elements, if switchboard is not available. c. Establish messenger runners when land communications are inoperative.		
5. Radio operators implement FM remedial ECCM (113-637-2001). a. Identify if source of interference is internal or external by disconnecting the radio antenna. b. Continue to operate in an attempt to communicate through the jamming. c. Switch to high power on radio transmitter. d. Advise distant station to switch to high power. e. Relocate radio set (mobile units) to take advantage of terrain features to reduce the effects of jamming. f. Relocate the antenna to take advantage of terrain features to reduce the effects of jamming. g. Submit initial MIJI Feeder Voice Template Report to higher HQ communications branch. h. Reroute message traffic using alternate means of communications, such as relay (through another station), AM, or wire. i. Request (using alternate means) that the net change to a backup frequency.		
6. Radio operators implement AM remedial ECCM (113-637-2001). a. Identify if source of interference is internal or external by disconnecting the radio antenna. b. Continue to operate in an attempt to communicate through the jamming. c. Check for intentional or unintentional interference. d. Check equipment grounding. e. Use radio frequency gain/frequency vernier in an attempt to work through the jamming. f. Relocate radio set (mobile units) to take advantage of terrain features to reduce the effects of jamming.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Relocate the antenna to take advantage of terrain features to reduce the effects of jamming. h. Submit initial MIJI Feeder Voice Template Report to assign or supporting higher HQ communications personnel or element. i. Reroute message traffic using alternate means of communications, such as relay (through another station), FM, or wire. j. Request (using alternate means) that the net change to a backup frequency. 7. Unit headquarters maintains generator power. a. Operates generators IAW appropriate TMs. b. Constructs sound barrier and screening system to muffle noise and minimize heat signature. c. Constructs a fuel storage and fire control point for all generators with fire extinguishers as prescribed by the TSOP and commander's guidance. 8. Unit personnel employ SIGSEC measures. a. Employ COMSEC measures to deny friendly telecommunication information to the enemy. b. Employ ELSEC measures to protect electromagnetic transmissions, other than communication devices, from threat detection. c. Evaluate TEMPEST controls to identify emanation vulnerabilities and implement countermeasures.		

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

Task Number	Task Title	References
113-600-2001	Communicate Via Tactical Telephone	STP 21-1-SMCT
113-637-2001	Communicate Via a Tactical Radio in a Secure Network	STP 21-1-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4040	Establish Communications	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS

TASK: CONDUCT ELECTRONIC WARFARE (63-OPFOR-1012)

CONDITION: OPFOR employs a large number of radio detection finding sets, along with ground and airborne communications analysts, to monitor enemy forces for loose communications security practices.

STANDARD: 1. Locate the positions of enemy command, intelligence, and logistics radio nets. 2. Forward locations to OPFOR HQ. 3. Use jamming signals against enemy radio receivers. 4. Monitor enemy radio nets for intelligence information.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Establish Communications (63-2-4040)

(FM 24-16)	(AR 380-40)	(AR 530-1)
(FM 10-27-2)	(FM 10-27-3)	(FM 11-32)
(FM 24-17)	(FM 24-18)	(FM 24-19)
(FM 24-22)	(FM 24-33)	(FM 24-35)
(FM 24-35-1)	(TC 24-20)	

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: Unit communications personnel have received the mission to accompany the advance/quartering party to a new site and establish analog and/or digital communications. TSOPs, OPORDs, and other required publications and documents are available. The unit advance/quartering party has arrived at the new site and secured the area. The unit communication plan is available. Equipment and personnel are available. The advance/quartering party has established initial communications. Message service is being provided on a 24-hour basis. This task is performed under all day and night environmental conditions. The unit is subject to air, NBC, and ground Level I threat forces attack. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Analog and/or digital communications and generator power are established IAW the communication plan, OPORD, SOI/SSI, and TSOP. At MOPP4 performance degradation factors increase time required to establish communications.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander/first sergeant organizes communications element of the advance/quartering party. a. Selects personnel to perform all communication set-up tasks at new location. b. Selects required vehicles and equipment to establish communications at the new site IAW movement order or TSOP. c. Inspects personnel, weapons, MOPP gear, vehicles, and equipment for departure for compliance with TSOP and commander's guidance. d. Dispatches communications element to assembly area for departure.		
2. Advance/quartering party establishes wire communications. a. Identifies locations of all subordinate platoons/sections. b. Plans wire and telephone installation. c. Prepares a telephone traffic diagram. d. Installs telephone switchboard. e. Lays wire for communications between switchboard and other platoons/sections. f. Establishes wire communications between HQ and switchboard.		
3. Company HQ supervises company analog and/or digital communication nets. a. Functions as company net control station. b. Manages communications security for the company. c. Establishes alternate means of communications to include analog and/or digital communications and messenger with higher, lower and adjacent units.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Ensures unit personnel practice COMSEC/ELSEC procedures. 4. Platoon headquarters supervises platoon analog and/or digital communication nets. a. Functions as platoon net control station. b. Manages communications security for the platoon. c. Establishes alternate means of communications to include analog and/or digital communications and messenger with higher, lower and supported units.		

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: NONE

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS

TASK: CONDUCT SNIPER OPERATIONS (63-OPFOR-1005)

CONDITION: OPFOR has assigned snipers, regular and/or irregular elements, in the enemy rear area along MSR and near support sites.

STANDARD: 1. Set up well-concealed location(s). 2. Engage vehicle drivers or personnel on foot with short bursts of semi-automatic fire. 3. Kill or wound selected target. 4. Prevent position from being discovered by enemy forces. 5. Evacuate the area without being spotted. 6. Report all specified PIR and other intelligence requirements to OPFOR HQ.

TASK: GATHER INTELLIGENCE (63-OPFOR-1008)

CONDITION: Small OPFOR elements, operating in the rear area, are planning attacks on enemy bases. Information is needed to complete plans.

STANDARD: 1. Identify all PIR and other intelligence requirements. 2. Pass through any outpost, defensive wire, or warning devices undetected. 3. Move to an OP that offers cover and concealment and is close enough to gather PIR and other intelligence requirements. 4. Gather all PIR and other intelligence requirements. 5. Withdraw from area undetected. 6. Report all information to OPFOR HQ.

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Unit Mobilization in a Peacetime Environment (63-2-4827)
(FM 100-17) (AR 220-1) (AR 220-10)
(AR 350-41) (AR 710-2) (FM 4-30.3)

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

CONDITIONS: The unit is operating in a normal peacetime environment at a normal state of readiness. The unit has a wartime mission with a corresponding OPLAN on file. Unit is conducting its operational mission and METL training. The unit MOBPLAN, movement plan, recall plan, security plan, unit access rosters, and current maps are available. The unit is deploying as part of a higher echelon deployment. Training requirements identified during this task are performed in the task (Perform Pre-deployment Training Activities). Peacetime deployment planning activities are performed under all day and night environmental conditions, except NBC. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: MOBPLAN (RC), movement plan, and RSOP are completed IAW governing regulations and higher HQ directions.

NOTE: MOBPLANs are required only for RC units. RC-specific task steps and performance measures are annotated "RC".

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander analyzes mission. a. Identifies tasks in the OPLAN/CONPLAN. b. Identifies documented deployment policies and procedures from the RSOP MOBPLAN (RC) and movement plan. c. Updates unit METL to reflect current mission. d. Verifies mission parameters and details with higher HQ. e. Briefs unit leaders on deployment and mission requirements.		
* 2. Commander directs deployment planning. a. Directs mobilization officer to update MOBPLAN (RC) based on current mission guidance. b. Directs UMO to update the unit movement plan based on current mission guidance. c. Verifies UMO and alternate UMO are on orders and trained. d. Directs unit leaders to update unit RSOP. e. Directs unit leaders to update unit battle book, to include the unit missions, organization, locations of mobilization station and ports, and extracts from the applicable OPLANs. f. Coordinates mission parameters and details with higher HQ. g. Identifies deployment training requirements. h. Validates MOBPLAN (RC).		
* 3. Mobilization officer updates MOBPLAN (RC). NOTE: MOBPLAN is updated annually or whenever a change occurs in unit mission or structure. a. Revalidates support agreements. b. Updates annexes.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
c. Validates unit retrieval plan.		
* 4. UMO updates unit movement plan. NOTE: The unit movement plan is updated annually or whenever a change occurs in unit mission or structure. a. Identifies the administrative, logistics and coordinating requirements for the plan. b. Verifies load plans are current and entered into the AUEL. c. Updates DEL(s) based on current mission(s). d. Updates air load plan based on current mission(s). e. Prepares movement binders with key data, to include checklists, the current copy of the AUEL, the DEL, and strip maps. f. Identifies hazardous and sensitive/classified cargo and handling procedures. g. Identifies BBPCT material requirements. h. Coordinates ground movement plan to designated ports with supporting ITO and local authorities, if required. i. Verifies personnel identified for deployment equipment teams, super cargoes and advance parties are deployable. j. Coordinates tactical information and security requirements with the S2/S3 section.		
* 5. Commander reviews unit readiness status. a. Validates requisitions for all equipment shortages. b. Directs unit supply to conduct an inventory of UBL items. c. Identifies unit training status for deployment mission, to include individual/crew served weapons, NBC, driver certification, special equipment, rail teams, air load/pallet build team, BBPCT team, and HAZMAT handlers. d. Directs unit HQ to coordinate unit SRP with S1 or supporting installation, as appropriate. e. Directs unit to maintain mobilization packet for each soldier IAW directives (RC). f. Directs personnel section to screen members not available for deployment. g. Resolves non-deployable personnel issues. h. Maintains unit liaison with mobilization station. i. Directs maintenance section to identify maintenance affecting readiness. j. Initiates action to resolve unit maintenance problems affecting readiness. k. Directs unit safety officer to prepare risk assessment of the deployment operation.		
* 6. Unit leaders prepare for mobilization (850C-PAD-4359). a. Update section portions of the RSOP and TSOP. b. Update section portions of the unit battle book, to include the unit mission, organization, locations of mobilization station and ports and extracts from the applicable OPLANs. c. Provide input to commander for update of unit METL.		
7. Unit HQ plans for deployment (850C-PAD-4359). a. Identifies rear detachment requirements. b. Plans for property transfer, turnover and control procedures. c. Verifies family support group program has been established and key personnel are available. d. Prepares plan for storing personnel property and POVs. e. Coordinates accreditation of automated information systems (RC). f. Identifies key personnel to be ordered to duty in advance of the unit (RC).		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
g. Coordinates with S1 for all unit personnel to go through SRP. h. Maintains a mobilization packet for each soldier IAW directives (RC). i. Coordinates update of RSOP and TSOP by section. j. Prepares communications plan. k. Identifies force protection measures. l. Prepares risk assessment of the deployment operation. 8. Unit conducts deployment training (850C-PAD-4359). a. Conducts load-out test as directed. b. Trains load teams, such as rail-loading teams, packing and crating teams, blocking and bracing teams, aerial/sea port load teams in specific team operations. c. Conducts mobilization status briefing for all unit personnel (RC). d. Conducts test of alert notification plan. e. Conducts HAZMAT training as needed.		

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

Task Number	Task Title	References
850C-PAD-4359	Manage Soldier’s Deployment Requirements	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS: NONE

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Unit Deployment Activities Upon Receipt of a Warning Order (63-2-4828)
(FM 100-17) (AR 220-1) (AR 220-10)
(AR 350-41) (AR 710-2) (FM 4-30.3)
(TM 55-2200-001-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit is at a normal state of deployment readiness and receives a warning order to prepare for deployment. The unit must plan unit deployment activities upon receipt of a warning order. The CQ or 1SG has notified the commander. The unit has analog and/or digital communications with higher HQ. This task occurs concurrently with the task (Perform Deployment Alert Activities). The movement plan, recall plan, security plan, unit access rosters, and current maps are available. The unit has a trained officer and/or NCO appointed as UMO and alternate UMO. The unit is deploying as part of a higher echelon deployment. Deployment planning activities are performed under all day and night environment conditions, except NBC. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: Movement plan is completed IAW governing regulations and higher HQ directions.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander analyzes mission. a. Identifies tasks in the deployment warning order. b. Identifies documented relocation policies and procedures form the TSOP and movement order. c. Issues warning notice to unit leaders. d. Coordinates mission parameters and details with higher HQ using analog and/or digital communications. e. Briefs unit leaders on deployment and mission requirements.		
* 2. Commander reviews unit readiness status. a. Identifies equipment shortages. b. Requests assistance from higher HQ to rectify equipment shortages using analog and/or digital communications. c. Directs unit supply to conduct an inventory of on-hand UBL items. d. Identifies unit training status for deployment mission, to include for individual/crew served weapons, NBC, driver certification, special equipment, rail teams, air load/pallet build team, BBPCT team, AALPS, HAZMAT certified personnel, and other automated systems operators. e. Directs unit HQ to coordinate unit SRP with S1 or with supporting installation, as appropriate. f. Directs maintenance section to identify maintenance issues affecting readiness. g. Initiates action to resolve unit maintenance problems affecting readiness. h. Directs unit HQ to review personnel status. i. Initiates action to resolve non-deployable personnel issues.		
* 3. Commander directs deployment planning.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
a. Directs UMO to update movement plan based on current mission guidance. b. Directs unit leaders to update battle book, to include the unit mission, organization and extracts from the applicable OPLANs. c. Coordinates mission parameters and details with higher HQ using analog and/or digital communications. d. Directs unit safety officer to prepare risk assessment of the deployment operation. e. Identifies deployment training requirements. * 4. UMO updates unit movement plan. a. Identifies the administrative, logistics and coordinating requirements for the plan based on the current mission. b. Verifies load plans are current and entered into the AUEL. c. Updates DEL based on current mission. d. Updates air load plan based on current mission. e. Updates movement binders with current mission data. f. Identifies hazardous and sensitive cargo to be deployed. g. Verifies hazardous and sensitive/classified cargo handling procedures with installation unit movement coordinator. h. Updates BBPCT materiel requirements. i. Verifies ground movement plan to designated ports is current. NOTE: Performance measure "i" does not apply to the SBCT. j. Verifies personnel listed for deployment equipment teams, supercargoes and advance parties are deployable. NOTE: "Supercargoes" in performance measure does not apply to SBCT. k. Coordinates tactical information and security requirements with the S2/S3 section using analog and/or digital communications. 5. Unit HQ plans for deployment (850C-PAD-4359). a. Identifies rear detachment requirements based on current mission. b. Identifies advance party personnel requirements. c. Plans for property transfer, turnover and control procedures. d. Verifies that key family support group program personnel are available. e. Verifies unit deployment team personnel are available. f. Requests commander assign additional and/or replacement personnel for deployment teams and advance party. g. Prepares plan for storing personal property and POVs. h. Prepares communications plan. i. Identifies force protection measures for each step of the deployment process. j. Identifies required reports to higher HQ during deployment process. k. Identifies rules of engagement for gaining theater. l. Performs risk assessment of deployment operation.		

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

Task Number	Task Title	References
850C-PAD-4359	Manage Soldier's Deployment Requirements	STP 21-24-SMCT

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4801	Perform Deployment Alert Activities	ARTEP 10-469-30-MTP
63-2-4802	Perform Human Resources Pre-deployment Activities	ARTEP 10-469-30-MTP
63-2-4803	Perform Pre-deployment Training Activities	ARTEP 10-469-30-MTP
63-2-4804	Perform Pre-deployment Supply Activities	ARTEP 10-469-30-MTP
63-2-4805	Perform Pre-deployment Maintenance Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

ELEMENTS: Detachment Headquarters
Water Purification Platoon
Water Purification Team

TASK: Plan Unit Re-deployment (63-2-4829)
(FM 100-17) (AR 220-1) (AR 220-10)
(AR 700-93) (AR 710-2) (FM 4-30.3)
(TM 55-2200-001-12)

ITERATION: 1 2 3 4 5 M (Circle)

COMMANDER/LEADER ASSESSMENT: T P U (Circle)

CONDITIONS: The unit receives a warning order to deploy to home station. The unit is located in the TAA. Some personnel and administrative actions are initiated in the TAA and completed in the RAA. The unit has analog and digital communications with higher HQ. The unit is re-deploying as part of a higher HQ re-deployment. The re-deployment movement plan is available. The unit has a trained officer or NCO appointed as UMO. Preparation activities for re-deployment are performed under all day and night environmental conditions. Some iterations of this task should be performed in MOPP4.

TASK STANDARDS: The re-deployment movement plan is completed IAW governing regulations and higher HQ directions. The re-deployment OPORD is completed.

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
* 1. Commander analyzes re-deployment mission. a. Identifies tasks in the deployment warning order. b. Identifies all documented re-deployment policies and procedures from the TSOP, re-deployment plan, movement order, OPLANs, and OPORDs. c. Issues warning notice to unit leaders. d. Coordinates mission parameters and details with higher HQ using analog and/or digital communications. e. Identifies re-deployment criteria required for unit validation. f. Verifies unit follow-on mission, if appropriate. g. Briefs unit leaders on re-deployment and mission requirements.		
* 2. Commander reviews unit readiness status. a. Identifies equipment shortages. b. Inventories UBL items. c. Identifies training status of individual/crew-served weapons, NBC, driver certification, special equipment, rail teams, air load/pallet build team, BBPCT team, automated air-land planning system, HAZMAT certified personnel, and other automated system operators. d. Identifies unit maintenance problems. e. Directs unit HQ to review personnel status. f. Requests support to correct readiness deficiencies.		
* 3. Commander directs re-deployment planning. a. Directs UMO to update re-deployment movement plan based on current mission guidance and timeline from higher HQ. b. Directs unit leaders to update battle book, to include the unit mission, organization, re-deployment ports information and extracts from the applicable OPLANs. c. Directs Unit Safety Officer to prepare a risk assessment of the deployment operation.		

TASK STEPS AND PERFORMANCE MEASURES	GO	NO-GO
d. Issues re-deployment OPORD.		
* 4. UMO updates re-deployment movement plan. a. Updates the administrative, logistics, and coordinating requirements for the plan based on current mission. b. Updates re-deployment movement plan based on current mission guidance. c. Verifies load plans are current and entered into the AUEL. d. Updates DEL based on current missions. e. Updates movement binders with mission specific information. f. Identifies hazardous and sensitive/classified handling procedures for each mode of transport and each port. g. Updates BBPCT materiel requirements. h. Verifies status of personnel listed for re-deployment equipment teams, supercargoes, and advance parties. i. Coordinates tactical information and security requirements with the support operations section using analog and/or digital communications.		
5. Unit HQ plans for re-deployment. a. Plans steps to meet re-deployment validation criteria. b. Identifies force protection measures in the AAs and MAs. c. Incorporates re-deployment family reunion requirements into planning timeline. d. Plans media contact for return to home station. e. Initiates planning for welcome home ceremony. f. Identifies requirements and plan for stress control briefings. g. Provides rear detachment with information on re-deployment for dissemination to families. h. Performs risk assessment on re-deployment operations. i. Coordinates security of sensitive items.		

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: NONE

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4818	Prepare Vehicles and Equipment for Re-deployment	ARTEP 10-469-30-MTP
63-2-4819	Perform Sea Port of Embarkation Activities for Re-deployment	ARTEP 10-469-30-MTP

SUPPORTING COLLECTIVE TASKS

Task Number	Task Title	References
63-2-4820	Perform Aerial Port of Embarkation Activities for Re-deployment	ARTEP 10-469-30-MTP
63-2-4821	Perform Aerial Port of Debarkation Activities for Re-deployment	ARTEP 10-469-30-MTP
63-2-4822	Perform Home Station Activities	ARTEP 10-469-30-MTP
63-2-4823	Perform Sea Port of Debarkation Activities for Re-deployment	ARTEP 10-469-30-MTP
63-2-4824	Perform Demobilization Station Activities	ARTEP 10-469-30-MTP

OPFOR TASKS AND STANDARDS: NONE

CHAPTER 6

External Evaluation

6-1. Introduction. An external evaluation is conducted to assess the ability of the detachment and team to perform its critical wartime mission. This chapter is a guide for preparing an external evaluation. These units may modify the evaluation, based on METT-TC and other considerations, as deemed appropriate by the detachment commander and team NCOIC. Both units will be evaluated using the standards from selected T&EOs found in Chapter 5 of this MTP. This evaluation will encompass the whole detachment and team, and should employ a realistic OPFOR and the use of MILES. At the completion of the evaluation, the detachment commander and team NCOIC should be able to identify the strengths and weaknesses of their units. These strengths and weaknesses will form the basis for future training and resource allocation.

6-2. Preparing the Evaluation. The detachment commander and team NCOIC must standardize evaluation procedures to accurately measure their unit's capabilities.

a. Prepare the evaluation by developing a scenario containing the major missions and appropriate tasks. 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. Parts can be interrupted at logical points to assess MILES casualties and conduct in-process AARs. Selective tailoring is required, because it is not possible to evaluate every task. The following procedures are suggested for developing the evaluation:

(1) Identify the missions for evaluating each echelon or element, using Table 2-1. Record the selected missions in the Unit Proficiency Worksheet found at Figure 6-1.

(2) List each mission on a Task Summary Sheet, Figure 6-2.

(3) Select the tasks for the evaluation of every mission. List the selected tasks on the Task Summary Sheets, which are used for recording the results of the evaluation.

(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 as in Table 6-1, Sample Evaluation Scenario. Parts can be interrupted at logical points to assess MILES casualties and conduct in-process AARs.

Unit _____ **Date**_____

No.	Unit Mission /Task	_____ Section /Squad	_____ Section /Squad	_____ Section /Squad	_____ Section /Squad	Unit Overall and Remarks
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	
		GO NO GO	GO NO GO	GO NO GO	GO NO GO	

* If more space is required for remarks use the backside of this form.

Figure 6-1. Example Unit Proficiency Worksheet

TASK SUMMARY SHEET			
MISSION:			
TASK TITLES	T&EO NUMBERS	EVALUATION	
		GO	NO GO

Table 6-1. Unit Evaluation Scenario

EVENT	ACTION	ESTIMATED TIME		TIME FRAME	
#	Admin preparation	As required		Prior to start	
	PART 1				
1.	Receive and verify warning order		20 min		
2.	Initiate Recall Plan		30 min	Day 1	0500
3.	Perform administrative and Soldier Readiness Processing (SRP) activities	3 hrs			
4.	Inspect unit vehicles and equipment	2 hrs			
5.	Load vehicles and equipment	3 hrs			
6.	After Action Review (AAR)	1 hr			
7.	Receive movement order		30 min		
8.	Conduct Non-Tactical road march	1 hr			
9.	Arrive at aerial port of embarkation (APOE)/seaport of embarkation (SPOE)		10 min		
10.	Perform embarkation activities	2 hrs			
11.	Arrive aerial port of debarkation (APOD)/sea port of debarkation (SPOD)		30 min		
12.	Perform debarkation activities	2 hrs			
13.	Perform staging and marshaling activities	2 hrs			
14.	AAR	1 hr			
	PART 2				
15.	Receive movement order		30 min	Day 2	0600
16.	Organize advance/quartering party		10 min		
17.	Brief advance/quartering party		15 min		
18.	Dispatch advance/quartering party		15 min		
19.	Conduct advance/quartering party operation	4 hrs			
20.	AAR	1 hr			
21.	Conduct convoy operations to relocate to a new area	3 hrs			
22.	*Cross start point (SP)		10 min		
23.	*Conduct road march		45 min		
24.	*Cross contaminated area		45 min		
25.	*Threat interdictions		40 min		
26.	Continue convoy		45 min		
27.	Cross release point (RP)		10 min		
28.	AAR		30 min		
29.	Establish unit and headquarters area of operations	17 hrs		Day 3	
30.	*Organize unit defense	2 hrs			
31.	Set up unit headquarters and bivouac area, Platoon HQ and sections	5 hrs			
32.	*Perform personnel and administrative support	2 hrs			
33.	*Perform field sanitation activities	2 hrs			

Table 6-1. Unit Evaluation Scenario
(continued)

EVENT	ACTION	ESTIMATED TIME		TIME FRAME	
34.	*Perform internal supply activities	1 hr			
35.	*Perform unit level maintenance activities	2 hrs			
36.	AAR	1 hr			
	PART 3				
37.	Provide bulk purified water support	18 hrs		Day 4	
38.	*Receive re-supply by airdrop	2 hrs			
39.	* Receive external sling load re-supply	2 hrs			
40.	AAR	1 hr			
41.	Defend unit area	14 hrs			
42.	*Receive alert message		10 min		
43.	*Occupy fighting positions		15 min		
44.	*Increase perimeter manning		20 min		
45.	*Assemble reaction forces		30 min		
46.	*Respond to nuclear, biological, and chemical (NBC) attack		30 min		
47.	*Perform Decontamination and monitoring operations	2 hrs			
48.	*React to Level I threat		30 min		
49.	*Detect threat		15 min		
50.	*Engage threat		30 min		
51.	*Request indirect fire or close air support (CAS)		15 min		
52.	*Disengage threat		30 min		
53.	Conduct hasty displacement	1 hr			
54.	Hand over battle to Tactical Combat Force (TCF)/Military Police (MP)		30 min		
55.	Reorganize unit	1 hr			
56.	Conduct area damage control (ADC)	2 hrs			
57.	Treat wounded	1 hr			
58.	Evacuate wounded	1 hr			
59.	Perform unit mortuary affairs operations	2 hrs			
60.	AAR	1 hr			
	PART 4				
61.	Receive warning order for re-deployment		30 min	Day 5	0600
62.	Perform administrative and SRP activities	1 hr			
63.	Inspect vehicles and equipment	2 hrs			
64.	Load vehicles and equipment	3 hrs			
65.	AAR	1 hr			

Table 6-1. Unit Evaluation Scenario
(continued)

EVENT	ACTION	ESTIMATED TIME	TIME FRAME
	PART 5		
66.	Receive movement order		30 min
67.	Conduct Non-Tactical road march	1 hr	
68.	Arrive APOE/SPOE		10 min
69.	Perform staging activities	1 hr	
70.	Perform embarkation activities	1 hr	
71.	AAR	1 hr	
72.	Arrive APOD/SPOD		30 min
73.	Perform debarkation activities	1 hr	
74.	Perform staging activities		30 min
75.	Receive movement order		30 min
76.	Conduct tactical road march	1 hr	
77.	Arrive home station		30 min
78.	Conduct home station activities	2 hrs	
79.	Final AAR	2 hrs	
	Total Time: 141 hrs 20 min		

NOTE 1: Events will be performed to standard, not time limitations. The time required to train an event will vary based on METT-TC factors and the training proficiency of the unit.

NOTE 2: Additional time is required if large portions of the exercise are conducted at night, under limited visibility or under mission oriented protective posture (MOPP) conditions.

NOTE 3: Time must be added to the exercise (sleeping time, eating time, and travel time to and from the training area).

* Indicates time is not added to the total time because tasks are performed simultaneously with other tasks.

b. Support requirements must be coordinated and consistent with the level of evaluation (section, staff element, etc.) being conducted. OPFOR players and controllers must also be identified early to support free play if required. Table 6-2 is a consolidated list of support requirements for this evaluation. It is based on experiences with the scenario in Table 6-1. The evaluating headquarters will prepare its own consolidated support requirements.

Table 6-2. Consolidated Support Requirements

AMMUNITION	QUANTITY
5.56 mm Squad Automatic Weapon (SAW) (Blank)	300 rds/wpn
5.56 mm SAW (Blank)	600 rds/wpn OPFOR
5.56 mm (Blank)	150 rds/wpn
5.56 mm (Blank)	300 rds/wpn OPFOR
40 mm (Blank)	120 rds/wpn
.50 Cal (Blank)	600 rds/wpn
9 mm (Blank)	30 rds/wpn
Blank adapter	1 set/wpn
MILES	1 set/wpn
Smoke grenades	4 per platoon/section
Smoke grenades	4 ea per OPFOR
Simulators, booby trap	4 per unit
Claymore Mine (tng)	4-6 per unit
Simulators, hand grenades	10 per OPFOR
Anti-tank Weapon Effect Signature Simulation (ATWESS)	1 per Light Ant-tank/Anti-armor weapon (LAW)/M136 Light Anti-armor AT4
Claymore Mine (tng)	4-6 per OPFOR
Simulators, arty	2 per trainer/evaluator
Simulators, arty	4 ea per OPFOR

FUEL

Use known historical data or Operations Logistics Planner (OPLOGPLN) software. Multiply the pieces of equipment times the amount of fuel per mile (or hour), times the projected operating mileage (or hours).

NBC EQUIPMENT

TOE equipment is used.

EQUIPMENT

All organic equipment, to include authorized TOE and Common Table Allowance (CTA), is used. Rail and aircraft loads are simulations. Airdrop and slingload tasks require coordination for appropriate training sites, scales and 463L pallet systems

OTHER

Meals	3 per person per day IAW ration cycle
War Wound Moulage Set	1 each
Aircraft for simulated air attack	1 each
Aircraft for airdrop	1 each
Helicopter for slingload	1 each
Fire Marker Control System	(when available)

NOTE: The consolidated support requirements outlined in this FTX are intended as suggestions only. However, local policies or constraints may not allow for provisioning of these items in the suggested amount.

c. Selecting and Preparing the Field Evaluation Site. The required size, type of terrain, OPFOR requirements, and administrative requirements are the basis for site selection. For this

evaluation, an area of 1.5 kilometers by 1.5 kilometers is required, supplemented by areas suitable for airdrop and sling load re-supply activities. 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 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 detachment commander and team NCOIC may use the evaluation control headquarters method or the simulation without OPFOR method to evaluate their unit's ability to react to indirect fire. If the evaluation control headquarters method is used, the OPFOR will initiate a call for fire to the evaluation control headquarters that will simulate the tactical FDC. The control headquarters would then relay the delivery data to the OCs who would mark the impact of the round with artillery simulators and assess appropriate casualties. If an OPFOR is not used, the OC may ignite artillery simulators and observe the unit's reactions. The FM-25 series provide assessment and computation tables which may be used to determine casualties. Indirect fire simulation must be realistic and limited to what these units could reasonably expect under combat conditions.

6-3. Selecting The Observer Controllers.

a. OCs must know the unit's missions, organization, equipment, and employment. They should be at least equal in rank to the detachment commander or team NCOIC, and they should have successfully performed in that specific or similar command position.

b. The following are minimum rank and experience requirements for the evaluators:

(1) Detachment OC will be an officer with detachment command experience.

(2) Platoon or team OCs will be a lieutenant or NCO with platoon or team experience.

(3) Recorder will be an officer or NCO at the evaluation control headquarters who receives "kill" information or results and time data from the OCs.

6-4. Training The Observer Controllers. OCs 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. OCs must thoroughly understand the evaluation and correctly implement it.

b. MILES. Each OC, 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 detachment commander and team NCOIC are 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) OC duties and responsibilities.

(3) Communication systems.

(4) Evaluation data collection plan.

d. Safety. During any training event, all soldiers and leaders must be safety conscious. Evaluators must ensure that all events are conducted within established safety constraints. Prior to the beginning of each event, all personnel will be briefed on specific safety measures to be taken during execution.

6-5. Recording External Evaluation Information.

a. The evaluating headquarters develops the data recording instruments for the OCs. The Unit Data Sheet, Figure 6-4, documents demographic information that may influence a unit's performance. The Environmental Data Sheet, Figure 6-5, documents weather information in order to compare missions under differing environmental conditions. The Personnel and Equipment Loss Report, Figure 6-6, documents information that may affect the unit's degree of success during engagements with the OPFOR.

b. The senior OC has the overall responsibility for preparation of the external evaluation. This evaluation is based on his/her own findings and his/her subordinate OCs' input. Subordinate OCs uses the task evaluation criteria (T&EO from Chapter 5 and Task Summary Sheets, Figure 6-3) to determine overall proficiency in their particular areas. The senior OC compiles the external evaluation results as proscribed by the evaluating commander. Deviations from the task standard assessed by the unit OC may be addressed in the senior OC comments portion of the Unit Proficiency Worksheet.

UNIT DATA SHEET

1. UNIT DESIGNATION:_____ DATE:_____

2. UNIT LEADERS (CIRCLE MOST CORRECT ANSWER)

POSITION	RANK	TIME IN UNIT (MONTHS)				
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19
		1 - 3	4 - 6	7 - 12	13 - 18	OVER 19

3. UNIT STRENGTH (Excluding Leaders): _____

4. EQUIPMENT SHORTAGES (Major Items):

s _____

_____

_____

_____

5. COMMENTS:

_____

_____

_____

_____

_____

EVALUATOR SIGNATURE: _____

Figure 6-4. Example 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 HAZY RAINING SNOWING 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 MOUNTAINOUS JUNGLE DESERT URBAN ARCTIC
OTHER:

TOP SOIL: SANDY ROCKY CLAY OTHER:

AVERAGE RANGE OF VISIBILITY DUE TO TERRAIN:

5. REMARKS: _____

Figure 6-5. Example Environmental Data Sheet

PERSONNEL AND EQUIPMENT LOSS REPORT

MISSION TITLE OR TASK #	DATE/TIME OF ENEMY CONTACT	FRIENDLY KIA/WIA	ENEMY KIA/WIA	FRIENDLY VEHICLES DESTROYED	ENEMY VEHICLES DESTROYED

COMMENTS:

Figure 6-6. Example Personnel and Equipment Loss Report

6-6. Selecting And Training The OPFOR. The selection and training of the OPFOR is crucial to the success of a standardized evaluation. The OPFOR provides one of the control measures that influences the conditions under which the evaluation is administered. The units should face an opponent that realistically resembles the threat in strength, weapons, and skill.

a. Selection. Any qualified Skill Level 1 or 2 soldier can serve as OPFOR. Ideally, they should be a small, cohesive unit under the control of their leader or commander.

b. Training. The OPFOR must understand the following five 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.

c. OPFOR Strength.

(1) Unit in the Offense. Using MILES, the units should outnumber the OPFOR three-to-one if an attack by the units is to be successful. If the OPFOR is stronger than this ratio, only the most exceptional unit will be successful. The OPFOR must be armed with weapons capable of defeating any of the detachment and team assets. As a general rule, the OPFOR should be strong enough to offer the units a realistic challenge, but one that the units can defeat when proper tactics are employed.

(2) Unit in the Defense. The OPFOR, at a minimum, should have a three-to-one ratio of superiority over the units because anything less will not effectively challenge the units when they are defending. The OPFOR should have sufficient weapons and ammunition to conduct a successful attack. They must be more than merely a series of obstacles 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 will quickly defeat. Once the OPFOR establishes 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. Pre-evaluation.

(1) The senior OC and all other OCs must recon the evaluation area to know the boundaries of the detachment and team, disposition of the OPFOR, and the most likely avenues of approach throughout the field evaluation site's AO.

(2) The units 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 and FTXs in Chapter 4.

(3) Unit preparatory activities include installation and troubleshooting of MILES equipment, loading vehicles, conducting inspections, and performing other logistics and administrative actions as required.

(4) The OPFOR is placed in position and briefed while the unit is conducting its preparatory activities.

(5) The OCs should make an equipment function check after each time that the units have completed a move and the detachment and team leaders have issued instructions.

b. Evaluation. The senior evaluator controls the exercise and oversees the recording of mission performance. Evaluators resolve all conflicts and record all staff limitations as they arise. A debriefing should take place between modules to clear up any questions. Evaluators must remain neutral throughout the 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 OC 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 OC has direct verbal contact with the detachment commander and team NCOIC. Other OCs 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. OCs are neutral throughout the evaluation.

(2) Once the senior OC issues the OPORD and movement order, the detachment commander and team NCOIC execute the events and actions prescribed in the first part of the evaluation scenario within the estimated time. FROM this point, all successive parts begin with a FRAGO.

(3) The senior OC terminates a part of the evaluation when the units have completed all the events and actions in a particular area or have suffered so many casualties or damage that the part cannot be completed. The OC must record the reasons for the termination in the margin of the OC's Task Summary Sheets and report his action to the evaluation control headquarters. At this time, OCs must perform the following actions:

(a) Inspect all MILES equipment, record "kill" codes, and reset equipment. Any damaged 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 units to resolve questions. Afterwards, the senior OC directs the units to continue its mission after it receives a FRAGO or OPORD for the next part.

(4) The OCs should follow these guidelines:

(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. OCs 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 actions 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 units move to an assembly area and perform the following functions:

(1) The detachment and team OCs debrief subordinate OCs and compiles all data (evaluator packets) for the evaluation.

(2) The detachment and team OCs must complete the task summary sheets.

(3) The detachment and team must turn in all completed OC packets (with the OC scoring system) to control headquarters for recording and analysis.

(4) The detachment and team OCs must conduct an AAR of their unit's performance.

(5) Each element OC should conduct an AAR of his element's performance.

6-8. Conducting The After Action Review.

a. General. AARs should be planned at logical intervals during the exercise. Identifying performance deficiencies while still fresh, getting everyone involved, and preventing the reinforcement of bad habits are critical to improved performance. On-the-spot evaluations and corrections should also be emphasized without compromising unit command relationships.

b. Feedback. Because all members of each 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 exercise results. The FRAGOs and OPORDs included in the exercise design implement these objectives. The OCs should be familiar with the objectives, FRAGOs, and OPORDs so they can note orders given by leaders of the evaluated units and 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. OCs do not need to remain close to the detachment and team leaders. Because unit orders identify important activities and checkpoints, OCs must be present when the detachment commander and team NCOIC issue the order. OCs should position themselves where they can best observe anticipated critical events. Examples of critical events include:

(a) Conducting a road march.

(b) Crossing a radiologically contaminated area.

(c) Performing unit supply operations.

(d) Responding to an 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 mission support areas), or where the terrain can be observed. Usually, the OPFOR or unit objectives are suitable for assembling the players and conducting AARs.

(4) Debrief the OCs. While the units are moving to the selected site, the OCs should be debriefed. The senior OC 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 OC 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 senior OC and AAR leader assembles the participants, he groups them according to their organization in the exercise. Each subordinate element's OC is responsible for the element he observed.

(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 events in their order of occurrence. Diagrams help players visualize the exercise development. The AAR leader starts by outlining the main missions identified in paragraph 1-4 and, as the AAR proceeds, have the participants review each in detail. Each event is discussed in detail to make teaching points about the unit's performance during the event. 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 also how it happened, and how it could be done better.

(e) Focus the discussion to ensure that important tactical and mission related 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 routes, phase lines, and objectives.

(i) Prohibit players from offering self-serving excuses for inappropriate tactical actions.

(4) Review the sequence of 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 detachment commander and team NCOIC regarding their strengths and weaknesses, and what they can do to improve their performance and that of their units. A good AAR leader:

(a) Maintains order and discipline.

(b) Reviews the training objectives.

(c) Addresses important events as they occurred and how the units 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 and logistics mission 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 visual aids, sketches, diagrams, or terrain models in the AAR.

e. Reference Materials. Reference materials for conducting an AAR are in TC 25-6, TC 25-20.

Appendix A

Combined Arms Training Strategy (CATS)

A-1. Purpose. This appendix provides, as part of the CATS, the Combined Arms Command's (CAC) recommended strategy for training a unit. This appendix has three parts. The first part describes CATS and explains how CATS fits into the training planning process. The second part explains how to read the strategies, and the third part explains how to integrate CATS into the long-range and near-term planning process.

Section I. CATS and the Training Planning Process

A-2. Training Planning Process. This planning process is a three-step process, based on the unit METL and ending in training execution. Figure A-1 is a graphic representation of the process. CATS does not replace this process. It is a training tool that enhances the commander's ability to use the training planning process to manage his training and optimize the use of scarce training resources. CATS unit strategies describe recommended training events and the event frequency. Units may train all or some of these events. A unit's training frequency may or may not match that in the CATS strategy. Whatever a unit's training requirements, CATS provides a framework for use in making decisions on the training to be conducted. The training strategy outlined in CATS is designed to help commanders at all levels develop and execute a more efficient training program. Any given strategy addresses all units Army-wide of the same TOE. The specific makeup of the unit's training program is dependent upon its METL, guidance from higher headquarters, and the resources available at the installation or training environment. CATS unit strategies are descriptive in nature and intended for use as a guide for commanders.

A-3. CATS. CATS is the Army's training strategy that integrates combined arms training for heavy, light, and special operations forces, the active and reserve components, in the unit and institution environments. It provides an azimuth to guide Army training and identifies the resources required to support that training. It enables the Army to identify, manage, and program the acquisition of training resources. CATS evolved from the need for more efficient training based on expected resource constraints. At US Army level, CATS gives the rationale for acquiring training resources through the development of unit and institutional training strategies. The strategies provide recommended training frequencies and identify the training resources needed to support the strategy.

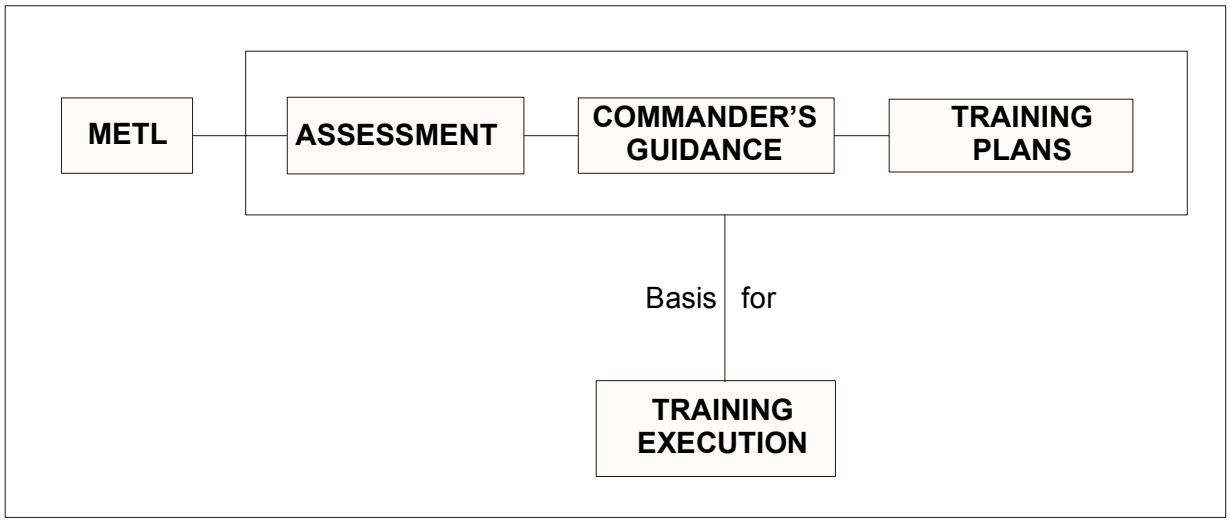


Figure A-1. Training Planning Process

A-4. Terms. The information in this paragraph explains the terms listed in Figure A-1.

a. The METL is an unconstrained, un-prioritized statement of the tasks required to complete the wartime mission. It is the source of training planning activities.

b. Assessment is the beginning of the training planning process. It is the commander's evaluation of the unit's training level based on the METL.

c. Commander's Guidance consists of long-range planning calendars and Command Training Guidance (CTG) issued to the battalion from the division. It serves to focus the training efforts of the battalion in accordance with the division commander's priorities. The battalion in turn issues CTG for its subordinate companies.

d. Training Plans are a collection of schedules and other supporting documents which carry out the commander's guidance.

e. Training Execution is the actual performance of the training scheduled in the training plans portion of the training planning process.

A-5. Applying CATS. The information in this paragraph explains how to apply CATS to the training planning process. Figure A-2 is a graphic representation of the process.

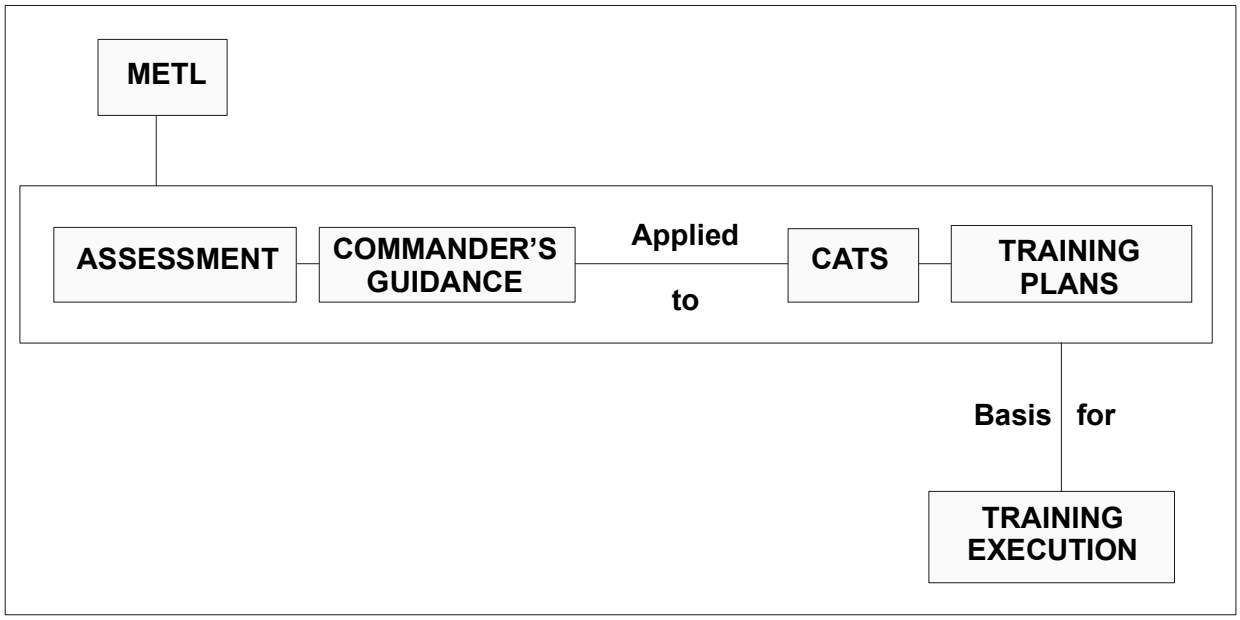


Figure A-2. Training Planning Process

a. The commander determines the exact events and tasks to be trained based on his METL and guidance from higher headquarters.

(1) The unit trains tasks during events established in FM 7-0 and CATS.

(2) The unit trains its METL by training soldiers, and their appropriate sections, in their wartime tasks. The unit applies CATS to its training plans by applying the training events, frequencies, and critical gates contained in strategies to the CTG in developing training plans. The commander and training officer/NCO uses the critical gates identified in the strategies to ensure basic tasks are trained prior to moving on to training more complex or resource intensive tasks. The

performance of training gate tasks are always evaluated by the commander and serve as the basis of additional training efforts. For example, a TEWT should be used to train METL tasks prior to conducting a complex and resource intensive event like a CFX.

(3) Training Aids, Devices, Simulators and Simulations (TADSS) based training uses a mix of TADSS and live fire/field training. The strategies show those TADSS within the Army's system or year projected for fielding. The TADSS may not be available at the installation or training environment.

b. The strategies can be viewed as training plans for generic type units. By inserting extra steps into the training process, commanders evaluate and apply the components of their CATS strategies to their particular training programs and environments. The optimal frequencies identified in the strategies may have to be adjusted depending upon the unit's training status or its resourcing.

Section II. Strategy Organization and Interpretation

A-6. Unit Training Strategies. This paragraph explains the strategy organization and explains how to use it. The unit training portion of CATS is a series of separately generated training strategies. These strategies describe the events, frequencies, and resources recommended training to standard. As part of the unit training strategy development process, TRADOC established a standard format to depict unit training strategies. The unit training strategy is a descriptive strategy for training and sustaining soldier and collective task proficiency. The tasks to be trained at a particular unit will be based on the unit's METL. The unit strategy in this appendix covers all CSS units. The unit training strategies have three major components -- Maneuver, Gunnery, and Soldier.

a. The Maneuver strategy is descriptive. It provides recommended training frequencies for collective training events in a unit. The events come from FM 7-0 or the glossary of this MTP. The Maneuver strategy helps a unit maintain MTP standards and depicts the resources required to support training events.

b. The Gunnery Component has individual/crew served weapons strategies that the Infantry school developed. These strategies can also be found in DA Pam 350-38 and DA Pam 350-39, or appropriate weapons FMs.

c. The Soldier Component is a descriptive strategy for training individual soldier skills. It lists the resources required to support soldier training, and links with and supports a collective training strategy.

A-7. Elements of the Unit Strategies. The unit training strategies are in matrix formats. The matrix lists the unit size levels, training events or training exercises, training event frequencies for both active and reserve components, critical gates, and training resources.

a. Training levels are units, training elements, or echelons (such as individual through corps) that execute specific training events.

b. Training events are types of collective training exercises identified in the glossary of this MTP. Training events identify the recommended exercises units should conduct to train to MTP standard. Units normally conduct events in a progressive and sequential manner. For example, a TEWT should be conducted before conducting a CFX. A CPX should be conducted before conducting an FTX.

c. Training event frequencies are the suggested number of times that an event should be trained during a training cycle to attain or maintain MTP standards. AC units use an annual cycle. RC unit's conduct training on a 4-year cycle.

d. A critical gate is a training event that must be completed and evaluated before moving onto a more complex, resource intensive or hazardous event. MACOM or field commanders may direct

performance of critical gate training tasks to an established standard prior to performing more complex or resource intensive tasks.

e. The unit training strategies identify the resources that will be used to support each training event. These resources are:

- OPTEMPO
- Ammunition
- TADSS
- Training Land
- Training Ranges

The resources listed in the strategies represent those that are available now.

(1) OPTEMPO figures reflect the annual operating miles/hours for the base vehicle for a particular unit, per event. The OPTEMPO figures come from the Battalion Level Training Model (BLTM). When no BLTM was available, the proponents developed an estimated OPTEMPO required to support all the annual iterations of that training event.

(2) Ammunition figures reflect the ammunition required to support training events and come from DA Pam 350-38. The maneuver/collective strategies reflect blank ammunition requirements. Live ammunition appears on the Gunnery strategies. Pyrotechnics appear on the maneuver/collective component.

(3) TADSS are training aids, devices, simulators, and simulations that support specific training events. TADSS listed are those in the system and non-system TADSS that are fielded. For example, Battalion and BBS is identified as a primary TADSS to support battalion staff and headquarters company/detachment's CPX training.

(4) Training Land is a resource category that will list the recommended training land in kilometers by event to conduct maneuver training. The reference is TC 25-1. A particular unit will determine the actual amount of training land needed by METT-TC and the characteristics or condition of the training land available to the unit.

(5) Training Range is a resource requirement that supports weapons training events. The information comes from TC 25-8.

A-8. Guide to the Unit Strategies. This paragraph provides a guide to reading the collective, gunnery, and soldier components. Generally, the leader using the matrices for planning will have a METL (or other list of critical tasks in which his unit must be proficient) and will be looking for guidance about appropriate training methods. The key to using CATS for unit training management understands the strategy and its various components. The strategy is organized by functional area and echelon to be trained. It has eight interactive components, expressed as columns in a matrix format. An example matrix for one mission/task is at Table A-1. The columns provide the following information:

- Column One records the mission and supporting tasks requiring training. The entries in Column One consist of the appropriate MTP missions and tasks.

- Column Two shows the desired frequency of and interval between repetitions of the task(s). Both the unit’s personnel turnover rate and the rate of progress need to be considered in determining how frequently to train.

· Column Three lists alternative "training means"--combinations of events and media (live or simulation)--that might be selected to train this mission/task. Commanders must select an appropriate means for each training event conducted.

· Column Four lists the estimated duration of each means (determined by the event more than by the medium). Commanders need to ensure adequate time is available for each task.

· Column Five shows a means quality rating, related to the cost and realism of the event/medium. When choosing events and media, the resource costs of different training media must be balanced against the needs for realism and repetition. Generally, as the unit becomes more proficient, realism should increase.

- An "A" level means is identified as a CTC deployment and training activity.
- A "B" level means is described as a well assigned home station training exercise.
- A "C" level means is described as a partial task training exercise.
- A "D" level means is described as a subtask training exercise.

· Column Six identifies the training unit/audience for the event. The information in this column is drawn from the appropriate MTP.

· Column Seven gives the prerequisite training (training "gates") that should be attained by the members of the training audience prior to the execution of the means in Column 3. If the training audience has not attained the specified level of proficiency, the means cannot achieve the quality indicated in Column 5.

· Column Eight provides a place to record detailed comments concerning the purpose and desired outcome of each event along with other remarks or guidance.

Table A-1. Example CATS Task Matrix

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
Task	Freq/ Interval	Means (Event/ Media)	Estimated Duration	Quality (A-D)	Training Unit (Audience)	Prerequisite Training Gates	Remarks: Includes purpose of event; outcome being supported; comments about execution of the event/ constraints posed by TADSS/et al
RECALL PROCEDURES XX-X-XXXX To train company on recall procedures: Perform Deployment Alert Activities 63-2-4801	12/ Monthly	7 STX (Telephonic/ Non-telephonic Alert)	2-3 hrs.	C	Company	Telephonic and non-telephonic recall procedures and rosters current	PURPOSE: To verify recall rosters and procedures. OUTCOME: To maintain the ability to rapidly alert, assemble, prepare, deploy, marshal, and outload on any mode of transportation, all TOE equipment and personnel with minimum outside assistance. REMARKS: None.

Section III. Integration of CATS in the Planning Process

A-9. Integrating CATS. This portion of the appendix explains how to integrate CATS into the planning process. It focuses on long range planning conducted at brigade and above. To understand how CATS fits into this process, a brief summary of Chapter 3, (Planning) is provided.

A-10. The Planning Process.

a. Long Range Planning.

(1) Assessment. Assessment is the start of the long range planning process. Using their evaluations, the input of subordinate leaders, and the results of training evaluations, commanders assess their unit's training level on METL tasks. The assessment serves as the basis for the commander's training strategy for sustainment and improvement training. Commanders at all levels do this assessment function. An integral part of the assessment is the identification of required training resources and shortfalls. The commander also must synchronize the actions of supporting units and agencies to ensure proper training execution.

(2) In creating their training strategy, commanders ensure training:

- Is METL focused.
- Incorporates combined arms.
- Identifies who, when, and where to train.
- Has a logical sequence of execution.
- Identifies the type of exercise to be trained.
- Determines the frequencies of a given task.
- Coordinates all events.
- Matches resources to requirements.

The strategy that meets these requirements results in the commander's training guidance.

(3) Senior commanders (brigade and above) provide subordinate commanders with long range training calendars, the commander's training guidance, resources to train, and protection from training distorters. Commanders often provide recommended training events frequency.

b. Short-Range Planning. The short range planning process refines the guidance that results from the long range planning process. Subordinate commanders use this guidance to create their training calendars. Guidance on the short-range training process can be found in the CATS appendix in the unit's MTP.

A-11. CATS and the Planning Process. CATS serves the unit commander as a training management and training resource identification tool. As a training management tool, it allows the unit commander to more efficiently manage his training program, with limited resource availability. As a training resource identification tool, it identifies the resources within the Army's inventory to conduct training. The availability of those resources will vary, depending on location.

a. Long-Range Planning.

(1) Assessment.

(2) The CATS strategy:

- Is METL focused.
- Incorporates combined arms.
- Identifies who, when, and where to train.
- Has a logical sequence of execution.
- Identifies the type of exercise to be trained.
- Determines the frequencies of a given task.
- Coordinates all events.
- Matches resources to requirements.

(3) CATS provides a convenient vehicle for the transmission of the commander's training guidance. It serves as the basis for the long-range calendar and provides subordinate commanders with recommended frequencies of training events.

(4) Execution. The following example shows how CATS could fit into the long range planning process.

b. The Company/Detachment Maneuver Training Strategy lists the recommended frequencies for required annual training events. In particular, for the STX it lists 10 iterations. The optimal training frequency is for the company/detachment staff to train the event 10 times in a given year, 1 STX per month for 10 months. The frequencies listed in CATS would be trained as follows:

- 2 events per year - semi-annual training
- 4 events per year - quarterly training
- 6 events per year - bimonthly training

c. Naturally, the training year may not support such a neat breakdown of training events. CATS provides the flexibility to adjust the events to meet each unit’s specific requirements. A key point here is the idea of critical gates. As one can see, STX is a critical gate for FTX. Every task that is a critical gate should be conducted before conducting the more complex task. Gates serve to ensure basic tasks essential to the successful performance of complex tasks are trained and evaluated prior to the performance of complex tasks. Critical gates may also serve as a type of preview or "rehearsal" for a follow-on training event.

d. Assume the commander has identified platoon leadership as a particular weakness in the unit. The commander decides he wants to run platoon STX exercises twice a month to train the platoon/section/crew/squad leadership elements.

e. Using this guidance, simply go to the company strategy and substitute 24 for 12. If the frequencies for the other events are acceptable, the unit now has a coupled commander's strategy. In this manner a CATS base strategy is tailored to meet a commander's assessment and training needs.

f. Short Range Planning. The application of CATS Battalion Staff and headquarters Company/Detachment's unit training strategies to battalion short range planning and the battalion quarterly training calendar is seen as follows:

Recommended Company/Detachment Calendar Using CATS Maneuver Strategy.

1st Month

Week 1 Drill Training (1)
Week 2 Cell/Staff/Section Training (1)
Week 3 Cell/Staff/Section Training (1)
Week 4 STX (2)

NOTES:

1. The collective tasks trained during the weekly Cell/Staff/Section training periods support company METL tasks and are trained according to the commander's assessment and his priorities outlined in the CTG. Soldier training tasks trained during this month are soldier/leader supporting performance of the collective tasks to be trained during the weekly staff training sessions or the monthly STX.

2. Performance of the STX substitutes for Cell/Staff/Section Training in week four (4).

2nd Month

Week 1 Cell/Staff/Section Training (1)
Week 2 Cell/Staff/Section Training (1)
Week 3 TOCEX (2)
Week 4 Cell/Staff/Section Training (1)

Notes:

1. Training during these weekly periods concentrates on staff METL tasks identified as priority in the CTG. Training time here could also be spent training tasks evaluated as NO GO during the 1st month's training periods. Logistics Coordination Exercises (LCXs) and Maneuver Coordination Exercises (MCXs) can also be used to enhance staff coordination.

2. Performance of the Tactical Operations Center Exercise (TOCEX) substitutes for performance of the monthly STAFFEX. Commanders may have to modify or extend the training period of the TOCEX to include training tasks that would have been normally performed in the STAFFEX.

3. Tasks trained here can be tasks rated as NO GO during the previous week's TOCEX.

3rd Month

Week 1 Cell/Staff/Section Training (1)
Week 2 TEWT (1)
Week 3 Cell/Staff/Section Training (1)
Week 4 CPX (2)

Notes:

1. This TEWT substitutes for performance of the Call/Staff/Section training that would normally be performed this week. Ideally, the TEWT's discussion points and learning objectives would be developed to support/reinforce collective tasks trained in the previous month's Cell/Staff/Section, STAFFEX, or TOCEX training periods. The commander may also structure the TEWT to train staff coordination and integration tasks as key for the upcoming CPX.

2. Substitutes for performance of the STAFFEX normally performed during the month.

As seen in the above, the commander structures his training program using recommended CATS training events, frequencies, and critical gates to support METL training. Weekly or monthly training events can be conducted independently or integrated into other collective training exercises.

In scheduling training, the commander should take maximum advantage of higher headquarters directed events to accomplish recommended CATS training events.

g. Horizontal and Vertical Integration. In executing this training strategy, the commander vertically integrates his training requirements with the battalion's/group's training requirements. Additionally, the company's training strategy is horizontally integrated with other companies in the battalion to ensure combined arms training is affected.

Appendix B

Army Universal Task List (AUTL)

B-1. Deploy/Conduct Maneuver. The deploy/conduct maneuver task area is the movement of combat forces to achieve a position of advantage with respect to enemy forces. This task area includes the employment of forces on the battlefield in combination with direct fire or fire potential. Indirect fires are included under the "Employ Fires" task area. It also includes the conduct of tactical movement of all types of units, mobility operations, counter-mobility operations, and tactical actions associated with force protection.

B-2. Develop Intelligence. The develop intelligence task area is the activity to generate knowledge of and products portraying the enemy and environment features required by a commander in planning and conducting operations. It is derived from an analysis of information on the enemy's capabilities, intentions, vulnerabilities, and the environment. This includes the development of tactical intelligence requirements, the planning of collection activities, the collection of relevant information, the processing of that information to include the development of targeting information, and the preparation and dissemination of intelligence.

B-3. Employ Fires. The employ fires task area encompasses the collective and coordinated use of target-acquisition data, indirect-fire weapons, fixed-wing aircraft, offensive information operations, and other lethal and non-lethal means against targets located throughout an area of operations. The essential features of the employ fires task area are the acquiring and processing of tactical targets and the employment of fire support. Note: The acquisition and attack of aerial targets are addressed in "Protect the Force" task area.

B-4. Perform Combat Service Support (CSS) and Sustainment. The perform CSS and sustainment task area is the support and service provided to sustain forces in an area of operations during war and during stability operations and support operations. This tactical task area involves the provision of supply, maintenance, transportation, CHS, personnel, legal, finance, religious, public affairs, contracting, distribution management, and field and other service support (such as general engineering support) required to sustain an operating force in an area of operations that may be joint, multinational, interagency, or a combination of these forces. Combat service support may be required to support contractors, civilians (such as refugees and disaster victims), or members of other governmental and non-governmental agencies. It includes civil-military operations.

B-5. Exercise Command and Control (C2). The exercise C2 task area is the exercise and direction by a properly designated commander over assigned and available forces in the accomplishment of the mission. C2 tasks are performed through an arrangement of personnel, information management, procedures, and equipment and facilities employed by a commander in planning, preparing for, executing, and assessing the conduct of operations to accomplish the mission. It includes the acquisition and management of information, the maintenance of situational understanding, the conduct of situational estimates to determine actions, applying risk management, and the direction and leading of subordinate forces.

B-6. Protect the Force. The protect the force task area is the protection of the tactical force's fighting potential so it can be applied at the appropriate time and place. It includes those measures the force

takes to remain viable and functional by protecting itself from the effects of (or recovery from) enemy activities. Those active and passive measures encompass the following:

a. Conduct air/missile defense.

b. Protect against enemy hazards within the AO.

c. Conduct local security operations.

d. Conduct defensive information operations.

Glossary

Abbreviations

AA (2)	assembly area
AACG	arrival airfield control group
AALPS	Automated Air Load Planning System
AAR	after action review
AC	Active Component
ADC	area damage control
AIT(1)	automated identification technology
AIT (2)	automated information technology
AO	area of operations
APOD	aerial port of debarkation
APOE	aerial port of embarkation
AR	Army regulation
ARTEP	Army Training and Evaluation Program
Arty	artillery
ASAT	Automated Systems Approach to Training
ASL	authorized stockage list
AT	antitank
ATTN	attention
ATWESS	antitank weapon effects signature simulator
AUEL	automated unit equipment list
AUTL	Army Universal Task List
BBPCT	blocking, bracing, packing, crating, and tie-down
BCOC (1)	base cluster operations center
BDAR	battle damage assessment and repair
BF	battle fatigue
BFACS	Battlefield Functional Area Control System

BOS	Battlefield Operating System
C2	command and control
CAL	caliber
CAS	close air support
CATS	Combined Arms Training Strategy
CDR	Commander
CFX	command field exercise
CHS	combat health support
COA	course of action
COMEX	communications exercise
COMSEC	communications security
CONUS	continental United States
COOP	Continuation of Operations Plan
CP	command post
CPX	command post exercise
CQ	charge of quarters
CRT(1)	combat repair team
CRT(2)	component repair team
CSM	Command Sergeant Major
CSS	combat service support
CTA	Consolidated Training Activities; common table of allowances
CTC	Combat Training Center
CTG(1)	command training guidance
CTG(2)	Composite Transportation Group
DA	Department of the Army
DACG	departure airfield control group
DE	directed energy
DEL	deployment equipment list

DF	direction finder
DISCOM	division support command
DOD	Department of Defense
DODAAC	Department of Defense activity address code
DS	direct support
DS2	decontaminating solution #2
DSA	division support area
DZ	drop zone
ECCM	electronic counter-countermeasures
ELSEC	electronic security
EOD	explosive ordnance disposal
EPW	enemy prisoner of war
ERT	equipment reception team
ETM(1)	extension training material
ETM(2)	electronic technical manual
EW	electronic warfare
EXEVALS	external evaluations
FASCAM	family of scatterable mines
FBCB2	Future Battle Command Brigade and Below; Force XXI Battle Command Brigade and Below
FDC	fire direction center
FM	field manual
FMC	fully mission capable; field medical card
FRAGO	fragmentary order
FST	field sanitation team; forward surgical team
FTX	field training exercise
GFCI	ground fault circuit interrupters
HAZMAT	hazardous material
HQ	headquarters

IAW	in accordance with
ID	identification; Infantry Division
IEW	intelligence and electronic warfare
INTSUM	intelligence summary
ITO	installation transportation officer**;** invitational travel orders
ITV	improved tow vehicle; in-transit visibility
JFC	Joint Forces Commander
JTTP	Joint Tactics, Techniques, and Procedures
KIA	killed in action
LAW	light antitank weapon
LCX	logistics coordination exercise
LIN	line item number
LOD	line of duty
LOGPAC	logistics package
LOTS	logistics over the shore
LP	listening post
LRP	logistics release point; logistics re-supply point
LTA	local training area
LZ	landing zone
MA	mortuary affairs; mission allocation; marshalling area
MACOM	major Army command
MACP	mortuary affairs collection point
MAPEX	map exercise
MCA	major commercial account; movement control agency; military civil action
MCSR	materiel condition status report
MCT	movement control team

MCX	maneuver coordination exercise
MED	medical
METL	mission essential task list
METT-TC	mission, enemy, terrain, troops, time available, and civilian considerations
MHE	material handling equipment
MIJI	meaconing, intrusion, jamming, and interference
MIL	master incident list; master item identification list
MILES	Multiple Integrated Laser Engagement System; Multiple Integrated Laser Engagement Simulation
mm	millimeter
MOBPLAN	mobilization plan
MOOTW	Military Operations Other Than War (Joint Only)
MOPP	mission oriented protective posture
MOS	military occupational specialty
MOUT	military operations in urban terrain
MP	military police; mission profile; multiple purposes
MQS	military qualification standards
MSDS	material safety data sheet
MSR	main supply route
MST	maintenance support team
MTF	medical treatment facility
MTP	mission training plan
MTS	Movement Tracking System
NBC	nuclear, biological, and chemical
NCO	noncommissioned officer
NCOIC	noncommissioned officer in charge
NCS	net control station
NGO	nongovernmental organizations

NLT	not later than
OC	observer controller
OCONUS	outside continental United States
OEG	operational exposure guidance
OFS	Officer Foundation Standards
OIC	officer in charge
OPCON	operational control
OPFOR	opposing force
OPLANS	operation plans
OPLOGPLAN	Operations Logistics Planner
OPORDS	operation orders
OPS	operations
OPSEC	operations security
OPTEMPO	operational tempo
PAM	pamphlet
PCE	protective clothing equipment
PERSTEMPO	personnel tempo
PEWS	Platoon Early Warning System
PIR	priority intelligence requirement
PLF	parachute landing falls
PLL	prescribed load list
PMCS	preventive maintenance checks and services
PMCT	port movement control team
POC	point of contact
POL	petroleum, oils, and lubricants
POV	privately owned vehicle
PREPO	pre-positioned
PSA	port support activity

PSS	personnel service support
PVO	private volunteer organizations
QC	quality control
QM	Quartermaster
RAA	redeployment assembly area
RC	Reserve Component
Rds	rounds
RES	radiation exposure status
RF	radio frequency; reaction force
ROWPU	reverse osmosis water purification unit
RP	release point
RSO& I	reception, staging, onward movement, and integration
RSOP	readiness standing operating procedure; redeployment standing operating procedure
RTD	return to duty
S1	Adjutant (US Army)
S2	battalion intelligence officer
S3	battalion operations officer
S4	battalion supply officer
S6	communications/electronics officer
SA	staging area; semi-annual; situational awareness
SALUTE	size, activity, location, unit, time, and equipment
SATS	Standard Army Training System
SAW	squad automatic weapon
SBCT	Stryker Brigade Combat Team
SHELLREP	shelling report
SIGSEC	Signal Security
SITREP	situation report
SM	soldier's manual

SMCT	soldier's manual of common tasks
SOI	signal operating instructions
SOP	standing operating procedure
SP	start point
SPOD	sea port of debarkation
SPOE	sea port of embarkation
SPOTREP	spot report
SRP	soldier readiness processing
SSA	supply support activity
SSI	special skill identifier; standing signal instruction; signal supplemental instructions
STAFFEX	staff exercise
STAMIS	Standard Army Management Information System; Standard Army Maintenance Information System
STP	soldier training publication
STRAC	Standards in Training Commission
STRIKEWARN	strike warning
STX	situational training exercise
TAA	tactical assembly area
TADSS	training aids, devices, simulators, and simulations
TALCE	tanker airlift control element
TAMMS	The Army Maintenance Management System
TAT	turnaround time; to accompany troops
TB	technical bulletin
TC (1)	training circular
TC-ACCIS	Transportation Coordinator's-Automated Command and Control Information System
TCF	tactical combat force
TEMPEST	An unclassified short name referring to investigations and studies of comprising emanations. It includes both emanations security and

	emission security. Security class involving compromise of classified data through interception of electronic impulses.
T&EO	training and evaluation outline
TEWT	training exercise without troops
TEXMIS	Training Module Executive Management Information System
TG	trainer's guide
TM	technical manual
TNG	training
TOCEX	tactical operations center exercise
TOE	table(s) of organization and equipment
TRADOC	(US Army) Training and Doctrine Command
TSB	theater staging base; theater support base; theater support brigade
TSC	training support center
TSOP	tactical standing operating procedure
TTP	tactics, techniques, and procedures
UBL	unit basic load
UCMJ	Uniform Code of Military Justice
ULC	unit level computer; Underwriters' Laboratories of Canada
ULLS-G	Unit Level Logistics System-Ground
ULLS-S4	Unit Level Logistics System - S4
UMC	unit movement coordinator; unit movement code
UMO	unit movement officer
US	United States
USAR	United States Army Reserve
USDA	United States Department of Agriculture
USR	unit status report
WBGT	wet bulb globe temperature
WIA	Wounded In Action
WPN	weapon

XO	executive officer
1SG	first sergeant

References

Required Publications

Required publications are sources that users must read in order to understand or to comply with this publication.

Army Regulations

AR 190-13	The Army Physical Security Program 30 September 1993
AR 200-1	Environmental Protection and Enhancement 21 February 1997
AR 220-1	Unit Status Reporting 1 September 1997
AR 220-10	Preparation for Oversea Movement of Units (POM) 15 June 1973
AR 30-21	The Army Field Feeding System 24 September 1990
AR 350-1	Army Training 1 August 1981
AR 350-41	Training in Units 19 March 1993
AR 380-19	Information Systems Security 27 February 1998
AR 380-19-1	(C) Control of Compromising Emanations (U) 17 September 1990
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000
AR 380-5	Department of the Army Information Security Program 29 September 2000
AR 40-5	Preventive Medicine 15 October 1990
AR 40-66	Medical Record Administration and Health Care Documentation 3 May 1999
AR 530-1	Operations Security (OPSEC) 3 March 1995
AR 600-8-1	Army Casualty Operations/Assistance/Insurance 20 October 1994
AR 600-8-104	Military Personnel Information Management/Records 27 April 1992
AR 600-8-19	Enlisted Promotions and Reductions 2 October 2000
AR 600-8-2	Suspension of Favorable Personnel Actions (FLAGS) 30 October 1987
AR 600-8-22	Military Awards 25 February 1995
AR 600-8-24	Officer Transfers and Discharges 21 July 1995
AR 700-138	Army Logistics Readiness and Sustainability 16 September 1997
AR 700-84	Issue and Sale of Personal Clothing (Included on EM 0001) 15 May 1983
AR 700-93	Processing and Shipping DOD Sponsored Retrograde Materiel Destined for Shipment to the United States, its Territories, Trusts, and Possessions 15 May 1980
AR 710-2	Inventory Management Supply Policy Below the Wholesale Level 31 October 1997
AR 725-50	Requisition, Receipt, and Issue System 15 November 1995
AR 735-5	Policies and Procedures for Property Accountability 31 January 1998
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations 1 August 1994

Department of Army Pamphlets

DA PAM 385-1	Small Unit Safety Officer/NCO Guide 29 November 2001
DA PAM 710-2-1	Using Unit Supply System (Manual Procedures) (Standalone Pub) 31 December 1997
DA PAM 738-750	Functional Users Manual for The Army Maintenance Management System (TAMMS) 1 August 1994
DA PAM 750-1	Leader's Unit Level Maintenance Handbook 15 February 1994

DA PAM 750-35	Guide for Motor Pool Operations (This Item is Included on EM 0001) 1 August 1994

Department of Defense Publications

DOD 5030.49-R	Customs Inspection (Reprinted W/Basic Incl C1) 27 May 1977
DOD MFFIMS	Mortuary Affairs Users Guide 18 March 1994

Field Manuals

FM 100-14	Risk Management 23 April 1998
FM 100-17	Mobilization, Deployment, Redeployment, Demobilization 28 October 1992
FM 100-17-3	Reception, Staging, Onward Movement, and Integration 17 March 1999
FM 101-5	Staff Organization and Operations 31 May 1997
FM 10-115	Quartermaster Water Units 15 February 1989
FM 10-23	Basic Doctrine for Army Field Feeding and Class 1 Operations - Management 18 April 1996
FM 10-27-1	Tactics, Techniques, and Procedures for Quartermaster General Support Supply Operations 20 April 1993
FM 10-27-2	Tactics, Techniques and Procedures for Quartermaster Direct Support Supply and Field Service Operations 18 June 1991
FM 10-27-3	Tactics, Techniques and Procedures for Quartermaster Headquarters Operations 30 October 1990
FM 10-27-4	Organizational Supply and Services for Unit Leaders 14 April 2000
FM 10-450-3	Multi-service Helicopter Sling Load: Basic Operations and Equipment (MCRP 4-23E, VOL 1; NMP 3-04.11; AFJMAN 11-223, VOL 1; COMDTINST M13482.2A) 10 April 1997
FM 10-450-4	Multi-service Helicopter Sling Load: Single-Point Load Rigging Procedures (AFJMAN 11-223, VOL II; COMDTINST M13482.3A; MCRP 4-23E, VOL II; NWP 3-04.12) 30 May 1998
FM 10-450-5	Multi-service Helicopter Sling Load and Dual Point Load Rigging Procedures 30 August 1999
FM 10-500-7	Airdrop De-rigging and Recovery Procedures TO 13C7-1-10 20 September 1994
FM 10-52	Water Supply in Theaters of Operations 11 July 1990
FM 10-52-1	Water Supply Point Equipment and Operations 18 June 1991
FM 11-32	Combat Net Radio Operations 15 October 1990
FM 12-6	Personnel Doctrine 9 September 1994
FM 20-3	Camouflage, Concealment, and Decoys 30 August 1999
FM 21-10	Field Hygiene and Sanitation 21 June 2000
FM 21-11	First Aid for Soldiers 27 October 1988
FM 21-16	Unexploded Ordnance (UXO) Procedures (FMFM 13-8-1) 30 August 1994
FM 21-305	Manual for the Wheeled Vehicle Driver [AFMAN 24-306] 27 August 1993
FM 21-75	Combat Skills of the Soldier 3 August 1984
FM 22-51	Leaders' Manual for Combat Stress Control 29 September 1994
FM 24-16	Communications-Electronics Operations, Orders, Records, and Reports 7 April 1978
FM 24-17	Tactical Records Traffic System (TRTS) 17 September 1991
FM 24-18	Tactical Single-Channel Radio Communications Techniques 30 September 1987

FM 24-19	Radio Operator's Handbook 24 May 1991
FM 24-22	Communications-Electronics Management System (CEMS) 30 June 1977
FM 24-33	Communications Techniques: Electronic Counter-Countermeasures 17 July 1990
FM 24-35	(O) Signal Operation Instructions "The SOI" 26 October 1990
FM 24-35-1	(O) Signal Supplemental Instructions 2 October 1990
FM 3-100	Chemical Operations Principles and Fundamentals (MCWP 3-3.7.1) 8 May 1996
FM 3-100.4	Environmental Considerations in Military Operations [MCRP 4-11B] 15 June 2000
FM 3-19.30	Physical Security 8 January 2001
FM 3-19.40	Military Policy Internment/Resettlement Operations 1 August 2001
FM 3-25.26	Map Reading and Land Navigation 20 July 2001
FM 3-3	Chemical and Biological Contamination Avoidance (FMFM 11-17) 16 November 1992
FM 3-4	NBC Protection (FMFM 11-9) 29 May 1992
FM 34-54	Technical Intelligence 30 January 1998
FM 3-5	NBC Decontamination MCWP 3-37.3 28 July 2000
FM 4-25.12	Unit Field Sanitation Team 25 January 2002
FM 4-30.3	Maintenance Operations and Procedures 1 September 2000
FM 44-8	Combined Arms for the Air Defense 1 June 1999
FM 44-80	Visual Aircraft Recognition 30 September 1996
FM 5-100	Engineer Combat Operations 26 February 1996
FM 5-103	Survivability 10 June 1985
FM 55-10	Movement Control 9 February 1999
FM 55-30	Army Motor Transport Units and Operations 27 June 1997
FM 55-65	Strategic Deployment 3 October 1995
FM 55-9	Unit Air Movement Planning 5 April 1993
FM 57-38	Pathfinder Operations 9 April 1993
FM 6-22.5	Combat Stress (MCRP 6-11C; NTTP 1-15M) 23 June 2000
FM 63-2	Division Support Command, Armored, Infantry, and Mechanized Infantry Divisions 20 May 1991
FM 63-20	Forward Support Battalion 26 February 1990
FM 63-21	Main Support Battalion 7 August 1990
FM 63-2-1	Division Support Command Light Infantry, Airborne, and Air Assault Divisions 16 November 1992
FM 7-0	Training the Force 22 October 2002
FM 7-10	The Infantry Rifle Company 14 December 1990
FM 71-2	The Tank And Mechanized Infantry Battalion Task Force 27 September 1988
FM 8-10	Health Service Support in a Theater of Operations (01 Mar 91) 1 March 1991
FM 8-10-6	Medical Evacuation in a Theater of Operations, Tactics, Techniques and Procedures 16 April 2000
FM 8-10-7	Health Service Support in a Nuclear, Biological, and Chemical Environment 22 April 1992
FM 8-285	Treatment of Chemical Agent Casualties and Conventional Military Chemical Injuries NAVMED P-5041; AFJMAN 44-149; FMFM 11-11 (This Item is Included on EM 0028) 22 December 1995

FM 8-55	Planning for Health Service Support 9 September 1994
FM 90-3	Desert Operations (How to fight) 24 August 1993

Joint Publications

FM 10-64	Mortuary Affairs Operations 16 February 1999
JTTP 4-06	Joint Tactics, Techniques, and Procedures for Mortuary Affairs in Joint Operations 28 August 1996

Other Product Types

DOD DIR 4500.9	Transportation and Traffic Management 26 January 1989
TRADOC PAM 525-6	Operations Security - Doctrinal Guidelines for Tactical Units and Trainers

Soldier Training Publications

STP 10-77W14-SM-TG	Soldier's Manual and Trainer's Guide, Water Treatment Specialist, Skill Levels 1, 2, 3, and 4 17 November 1993
STP 10-92FGII-MQS	Military Qualification Standards 11, Quartermaster Corps, Petroleum (92F) and Subsistence (92G), Company Grade Officer's Manual 18 September 1991
STP 10-92G1-SM	Soldier's Manual and Trainer's Guide, Food Service Specialist, MOS 92G, Skill Level 1 18 July 1997
STP 10-92G25-SM-TG	Soldier's Manual And Trainer's Guide Food Service Specialist MOS 92G Skill Levels 2, 3, 4, And 5 16 February 1999
STP 10-92Y12-SM-TG	Soldier's Manual, MOS 92Y, Unit Supply Specialist, Skill Level 1/2 29 January 2003
STP 10-92Y24-SM-TG	Soldier's Manual and Trainers's Guide for Unit Supply Specialist, MOS 92Y, Skill Levels 2, 3, and 4 23 February 1994
STP 21-1-SMCT	Soldier's Manual Of Common Tasks Skill Level 1 1 April 2003
STP 21-24-SMCT	Soldier's Manual Of Common Tasks (SMCT) Skill Level 2-4 1 April 2003

Technical Bulletins

TB 55-46-1	Standard Characteristics (Dimensions Weight and Cube) for Transportability of Military Vehicles and other Outsize/Overweight Equipment
TB 55-46-2	Standard Transportability Characteristic (Dimensions, Weight, and Cube) for Military Vehicles and Equipment (In NSN Sequence) (Available in Microfiche)
TB MED 530	Occupational and Environmental Healths: Food Service Sanitation
TB MED 577	Occupational and Environmental Healths: Sanitary Control and Surveillance of Field Water Supply 7 March 1986

Technical Manuals

TM 10-412	Index of Recipes: Armed Forces Recipe Service. 1 September 1989. 1 September 1992
TM 10-4610-215-10	Operator's Manual for Water Purification Unit, Reverse Osmosis, 600 GPH Trailer Mounted Flatbed Cargo, 5 Ton 4 Wheel Tandem ROWPU Model 600-1 (NSN 4610-01-093-2380) and 600 GPH Skid Mounted POWPU Model 600-3(4610-01-113-8651)(TM 08580A-10/1) 5 March 1991
TM 10-4610-232-12	Operator's and Unit Maintenance Manual for Water Purification Unit, Reserve Osmosis, 3,000 GPH Trailer Mounted, Flatbed Cargo, 22 1/2

	ton, 8 Wheel, TANDEM Model No. WTA-060 (NSN 4610-10-219-8707) and Model POWPU-1 (4610-01-371-1790) 13 May 1991
TM 10-4610-239-10	Operator's Manual for Water Purification Unit, Reverse OSMOSIS, 600 GPH Trailer Mounted Flatbed Cargo, 5 Ton 4 Wheel TANDEM Model 0996109001(NSN 4610-01-234-2196) and 600 GPH Skid Mounted Model 0966108001(4610-01-234-2190)(TM 08580B-10/1) 5 March 1991
TM 10-4610-240-10	Operator's Manual for Water Purification Unit, Reverse OSMOSIS, 600 GPH Trailer Mounted, Flatbed Cargo, 5 Ton 4 Wheel TANDEM ROWPU Model WPES-1 (NSN 4610-01-295-2720) and 600 GPH Skid Mounted POWPU Model WPES-2 (4610-01-300-0918) Model WPES 5 March 1991
TM 10-7360-206-13	Operator's, Organizational, and Direct Support Maintenance Manual for Kitchen, Field, Trailer Mtd Model MKT-75 1 June 1984
TM 38-250	Preparing Hazardous Materials for Military Air Shipments (AFJM 24-204; NAVSUP Pub 505; MCO P4030.19G; DLAI 4145.3) 1 March 1997
TM 43-0002-33	Destruction of Conventional Ammunition and Improved Conventional Munitions (ICM) to Prevent Enemy Use 15 November 1993
TM 5-6115-465-12	Operator's and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid Mounted, 30 KW, 3 Phase, 4 Wire, 120/208 and 240/416 V (DOD Model MEP-005A), Utility Class 50/60 HZ (NSN 6115-00-118-1240) 31 January 1975
TM 5-6115-545-12	Operator's and Organizational Maintenance Manual for Generator Set, Diesel Engine Driven, Tactical Skid MTD, 60 kW, 3 Phase, 4 Wire, 120/208 and 240/416 Volts, DOD Model MEP-006A, Utility Class, 50/60HZ (NSN 6115-00-118-1243) 10 June 1973
TM 55-2200-001-12	Transportability Guidance for Application of Blocking, Bracing, and Tie-Down Materials for Rail Transport 31 May 1978
TM 750-244-2	Procedures for Destruction of Electronics Materiel to Prevent Enemy Use (Electronics Command) 14 March 1972
TM 750-244-3	Procedures for Destruction of Equipment to Prevent Enemy Use (Mobility Equipment Command) 23 September 1969
TM 750-244-6	Procedures for Destruction of Tank-Automotive Equipment to Prevent Enemy Use (U.S. Army Tank-Automotive Command) 3 October 1972
TM 750-244-7	Procedures for Destruction of Equipment in Federal Supply Class 1000, 1005, 1010, 1015, 1020, 1025, 1030, 1055, 1090, and 1095 to Prevent Enemy Use 18 June 1970

Training Circulars

TC 24-20	Tactical Wire and Cable Techniques 3 October 1988
TC 25-20	A Leader's Guide to After Action Reviews 30 September 1993

Related Publications

Related publications are sources of additional information. They are not required in order to understand this publication.

Army Regulations

AR 710-2	Inventory Management Supply Policy Below the Wholesale Level 31 October 1997

Field Manuals

FM 3-100.4	Environmental Considerations in Military Operations [MCRP 4-11B] 15 June 2000
FM 3-4	NBC Protection (FMFM 11-9) 29 May 1992
FM 3-5	NBC Decontamination MCWP 3-37.3 28 July 2000
FM 63-2	Division Support Command, Armored, Infantry, and Mechanized Infantry Divisions 20 May 1991
FM 63-20	Forward Support Battalion 26 February 1990
FM 63-21	Main Support Battalion 7 August 1990

Questionnaire

MTP NUMBER: _____ DATE: _____

MTP TITLE: _____

Request your recommendations to improve this training publication. To make it easier to make recommendations, a standard questionnaire has been provided for your use. Please answer all questions frankly and mail to: Commander, U.S. Army Combined Arms Support Command, 401 1st Street, Suite 229, ATTN: ATCL-A, Fort Lee, Virginia 23801

THE FOLLOWING QUESTIONS PERTAIN TO YOU.

1.	What is your position (CDR, XO, PLT LDR, PLT SGT, Section Chief, Section NCOIC, etc.)?				
2.	How long have you served in this position?				
3.	How long have you served in this unit?				
4.	What is your component?	A. AC B. RC			
5.	What is your unit?	A.	CONUS	B.	USAREUR
		C.	USARPAC	D.	8TH USA
		E.	Other (specify) _____		

THE FOLLOWING QUESTIONS ARE ABOUT THE MTP IN GENERAL.

6.	How do you feel this document has affected training in your unit when compared to other training products? A. Has made training worse.

	B. Has made training better.
	C. Has had no effect on training.
	D. Do not know or do not have an opinion.
7.	How easy is this product to use, when compared to other training products? A. More difficult.
	B. Easier.
	C. About the same.
	D. Do not know or do not have an opinion.
8.	What part of the MTP was least useful? A. Chapter 1, Unit Training.

	B. Chapter 2, Training Matrix.
	C. Chapter 3, Mission Outlines.
	D. Chapter 4, Training Exercises.
	E. Chapter 5, Training and Evaluation Outlines.
	F. Chapter 6, External Evaluation.
	G. Do not know or do not have an opinion
9.	What part of the MTP was most useful? A. Chapter 1, Unit Training.
	B. Chapter 2, Training Matrix.

	C. Chapter 3, Mission Outlines.
	D. Chapter 4, Training Exercises.
	E. Chapter 5, Training and Evaluation Outlines.
	F. Chapter 6, External Evaluation.
	G. Do not know or do not have an opinion.
10.	What chapter of the MTP was the most difficult to understand? A. Chapter 1, Unit Training.
	B. Chapter 2, Training Matrix.
	C. Chapter 3, Mission Outlines.

	D. Chapter 4, Training Exercises.
	E. Chapter 5, Training and Evaluation Outlines.
	F. Chapter 6, External Evaluation.
	G. Do not know or do not have an opinion.
11.	What was the easiest part of the MTP to understand? A. Chapter 1, Unit Training.
	B. Chapter 2, Training Matrix.
	C. Chapter 3, Mission Outlines.
	D. Chapter 4, Training Exercises.

E.	Chapter 5, Training and Evaluation Outlines.
F.	Chapter 6, External Evaluation.
G.	Do not know or do not have an opinion

THE FOLLOWING QUSTIONS PERTAIN TO THE TRAINING EXERCISES (STX AND FTX).

12.	The exercises are designed to prepare the unit to accomplish its wartime mission. In your opinion, how well did they fulfill their intended purpose?
A.	They did not prepare the unit at all.
B.	They helped, but only provided 20% or less of my unit's training requirements.
C.	They helped, but only provided 21% to 50% of my unit's training requirements.

	D.	They helped, but only provided 51% to 80% of my unit's training requirements.
	E.	They provided 81% or more of my unit's training requirements.
13.	Would you recommend that any STX or TX be added or deleted from the MTP (specify FTX or STX)?	
14.	What was the greatest problem you experienced with the exercises?	
	A.	Too many pages.
	B.	Hard to read and understand.
	C.	Needs more illustrations.
	D.	Needs more information on how to set up the exercises.
	E.	Needs more information on leader training.

	F.	Needs more information on how to conduct the exercises.
	G.	Needs more information on support and resources.
	H.	Needs more information on normally attached elements
	I.	Does not interface well with other training products, such as battle drills.
	J.	Do not know or have no opinion.
15.	What was the second greatest problem you experienced with the exercises?	
	A.	Too many pages.
	B.	Hard to read and understand.
	C.	Needs more illustrations.

D.	Needs more information on how to set up the exercises.
E.	Needs more information on leader training
F.	Needs more information on how to conduct the exercises.
G.	Needs more information on support and resources.
H.	Needs more information on normally attached elements
I.	Does not interface well with other training products, such as battle drills.
J.	Do not know or have no opinion.

16.	How many STX's or FTX's have you trained or participated in personally?

THE FOLLOWING QUESTIONS APPLY TO CHAPTERS 5 AND 6 OF THE MTP.

17.	What changes would you make to Chapter 5, Training and Evaluation Outlines?	
	A.	Leave it out altogether.
	B.	Clarify how to use this chapter with the training exercises.
	C.	Clarify how to use this chapter with the external evaluation.
	D.	The performance measures are too detailed.
	E.	The performance measures are not detailed enough.
	E.	The performance measures do not adequately address those elements that are normally attached in wartime.

	F. Do not change, chapter is fine.
	G. Do not know or have no opinion.
18.	What changes would you make to this Chapter 6, External Evaluation? A. Leave it out altogether.
	B. Clarify how to use this chapter with the training exercises.
	C. Clarify how to use this chapter with the external evaluation.
	D. The performance measures are too detailed.
	E. The performance measures are not detailed enough.

E.	The performance measures do not adequately address those elements that are normally attached in wartime.
F.	Do not change, chapter is fine.
G.	Do not know or have no opinion.
19.	Additional Comments:

ARTEP 10-469-30-MTP
30 **JUNE 2003**

By Order of the Secretary of the Army:

JOHN M. KEANE
General, United States Army
Acting Chief of Staff

Official:

JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
0319702

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