

SOLDIER'S MANUAL AND TRAINING GUIDE

MOS 91H

TRACKED VEHICLE REPAIRER

SKILL LEVELS 1, 2, 3 and 4

MARCH 2016



HEADQUARTERS, DEPARTMENT OF THE ARMY

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Tracked Vehicle Repairer,
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PREFACE

This publication is for skill level (SL) 1 - 4 Soldiers holding military occupational specialty (MOS) MOS 91H and for trainers and first-line supervisors. It contains standardized training objectives, in the form of task summaries, to train and evaluate Soldiers on critical tasks that support unit missions during wartime. Trainers and first-line supervisors should ensure Soldiers holding MOS/SL MOS 91H have access to this publication. This STP is available for download from the [Central Army Registry \(CAR\)](#).

This publication applies to the Active Army, the Army National Guard (ARNG)/Army National Guard of the United States (ARNGUS), and the U.S. Army Reserve (USAR) unless otherwise stated.

The proponent of this publication is HQ, TRADOC. Send comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commander, CASCOM SCOE (ATCL-TDF), G-3 Training & Doctrine Development, SUITE 1036, 2221 Adams Ave, Fort Lee, VA 23801-2102.

CHAPTER 1

Introduction

1.1 General

The Soldier training publication (STP) identifies the individual military occupational specialty (MOS) training requirements for Soldiers in various specialties. Another source of STP task data is the Central Army Registry (CAR) at <https://atiam.train.army.mil/catalog/catalog/search.html>. Commanders, trainers, and Soldiers should use the STP to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference to support the self-development and training of every Soldier in the unit. It is used with the Soldier's Manual of Common Tasks, Army training and evaluation program (ARTEP) products, and ADRP 7-0, Training Units and Developing Leaders, to establish effective training plans and programs that integrate Soldier, leader, and collective tasks. This chapter explains how to use the STP in establishing an effective individual training program. It includes doctrinal principles and implications outlined in ADRP 7-0. Based on these guidelines, commanders and unit trainers must tailor the information to meet the requirements for their specific unit.

1.2 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) One type of MOOTW is the Chemical, Biological, Radiological, Nuclear, and High-Yield Explosive (CBRNE) event. To assist commanders and leaders in training their units, CBERNE-related information is being included in AMEDD mission training plans (MTPs). Even though most collective tasks within an MTP may support a CBRNE event, the ones that will most directly be impacted are clearly indicated with a statement in the CONDITION that reads: "THIS TASK MAY BE USED TO SUPPORT A CBRNE EVENT." These collective tasks and any supporting individual tasks in this Soldier's manual should be considered for training emphasis.

(4) 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.

(5) 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 Commands (ACOMs), 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 ACOMs 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 train to standard on their assigned critical individual tasks. The unit trains first as an organic unit and then as an integrated component of a team. Before the unit can be trained to function as a team, each Soldier must be trained to perform their individual supporting tasks to standard. Operational deployments and major training opportunities, such as major training exercises, CTCs, and ARTEP evaluations 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 Soldier's and leader's 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.

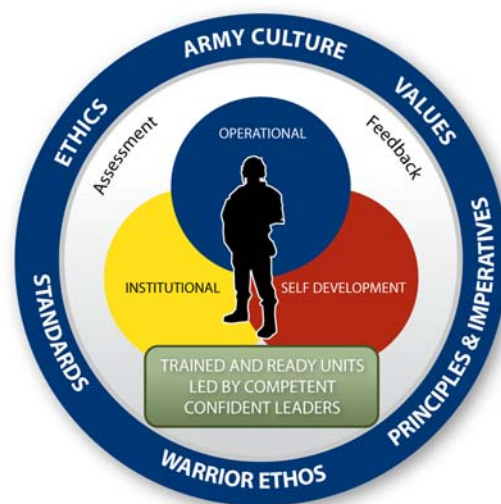


Figure 1-1. Army Training and Leader Development Model

(3) Throughout this lifelong learning and experience process, there is formal and informal assessment and feedback of performance to prepare leaders and Soldiers 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.

c. Leader Training and Leader Development.

(1) Competent and confident leaders are a prerequisite to the successful training of 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 role 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.

(4) A life cycle management diagram for Soldiers is on page 1-5. You can find more information and check for updates at <http://das.cs.amedd.army.mil/ooc.htm> (scroll down to LIFE CYCLE MANAGEMENT, select ENLISTED, and find the appropriate tab along the bottom). This information, combined with the MOS Training Plan in Chapter 2, forms the career development model for the MOS.

d. Training Responsibility. 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 STP to the Army standard.

(b) Commanders ensure STP standards are met during all training. If a Soldier fails to meet established standards for identified MOS tasks, the Soldier must retrain until the tasks are performed to standard. Training to standard on MOS tasks is more important than completion of a unit training event such as an ARTEP evaluation.

The objective is to focus on sustaining MOS proficiency — this is the critical factor commanders must adhere to when training individual Soldiers in units.

(2) NCO Responsibility.

(a) 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 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.

(b) 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.

(3) Soldier Responsibility. Each Soldier is responsible for performing individual tasks identified by the first-line supervisor based on the unit's Mission Essential Task List (METL). Soldiers must perform tasks to the standards included in the task summary. If Soldiers have questions about tasks or which tasks in this manual they must perform, they are responsible for asking their first-line supervisor for clarification, assistance, and guidance. First-line supervisors know how to perform each task or can direct Soldiers to appropriate training materials, including current field manuals, Technical Manuals, and Army regulations. Soldiers are responsible for using these materials to maintain performance. They are also responsible for maintaining standard performance levels of all Soldier's Manual of Common Tasks at their current skill level and below. Periodically, Soldiers should ask their supervisor or another Soldier to check their performance to ensure that they can perform the tasks.

1.3 Battle-Focused Training

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, unit commanders can achieve a successful training program by consciously focusing on a reduced number of METL tasks that are essential to mission accomplishment.

a. Linkage between METL and STP. 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. For example, the commander and the CSM/1SG must jointly coordinate the collective mission essential tasks and supporting individual tasks on which the unit will concentrate its efforts during a given period. This task hierarchy is provided in the task database at the Reimer Digital Library. The CSM/1SG 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.

b. Relationship of STPs to Battle-focused Training. The two key components of any STP are the Soldier's Manual (SM) and Trainer's Guide (TG). Each gives leaders important information to help implement the battle-focused training process. The trainer's guide relates Soldier and leader tasks in the MOS and skill level to duty positions and equipment. It states where the task is trained, how often training should occur to sustain proficiency, and who in the unit should be trained. As leaders assess and plan training, they should rely on the trainer's guide to help identify training needs.

(1) Leaders conduct and evaluate training based on Army-wide training objectives and on the task standards published in the Soldier's manual task summaries or in the Reimer Digital Library. The task summaries ensure that --

- Trainers in every unit and location define task standards the same way
- Trainers evaluate all Soldiers to the same standards

(2) Table 1-2 shows how battle-focused training relates to the trainer's guide and Soldier's manual:

- The left column shows the steps involved in training Soldiers.
- The right column shows how the STP supports each of these steps.

Table 1-2. Relationship of Battle-focused Training and STP

BATTLE-FOCUS PROCESS	STP SUPPORT PROCESS
Select supporting Soldier tasks	Use TG to relate tasks to METL
Conduct training assessment	Use TG to define what Soldier tasks to assess
Determine training objectives	Use TG to set objectives
Determine strategy; plan for training	Use TG to relate Soldier tasks to strategy
Conduct pre-execution checks	Use SM task summary as source for task performance
Execute training; conduct after action review	Use SM task summary as source for task performance

1.4 Task Summary Format

Task summaries outline the wartime performance requirements of each critical task in the SM. They provide the Soldier and the trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information the Soldier must know and the skills that he must perform to standards for each task. The format of the task summaries included in this SM is as follows:

- a. **Task Title.** The task title identifies the action to be performed.
- b. **Task Number.** A 10-digit number identifies each task or skill. This task number, along with the task title, must be included in any correspondence pertaining to the task.
- c. **Conditions.** The task conditions identify all the equipment, tools, references, job aids, and supporting personnel that the Soldier needs to use to perform the task in wartime. This section identifies any environmental conditions that can alter task performance, such as visibility, temperature, or wind. This section also identifies any specific Cues or events that trigger task performance, such as a chemical attack or identification of a threat vehicle.
- d. **Standards.** The task standards describe how well and to what level the task must be performed under wartime conditions. Standards are typically described in terms of accuracy, completeness, and speed.
- e. **Performance Steps.** This section includes a detailed outline of information on how to perform the task. Additionally, some task summaries include safety statements and notes. Safety statements (danger, warning, and caution) alert users to the

possibility of immediate death, personal injury, or damage to equipment. Notes provide a small, extra supportive explanation or hint relative to the Performance Steps.

f. Evaluation Preparation (when used). This subsection indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instructions that should be given to the Soldier before evaluation.

g. Performance Measures. This evaluation guide identifies the specific actions that the Soldier must do to successfully complete the task. These actions are listed in a GO/NO-GO format for easy evaluation. Each evaluation guide contains an evaluation guidance statement that indicates the requirements for receiving a GO on the evaluation.

h. References. This section identifies references that provide more detailed and thorough explanations of task performance requirements than those given in the task summary description.

1.5 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. The execution of training includes preparation for training, conduct of training, and recovery from training.

a. 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.

(1) Subordinate leaders, as a result of the bottom-up feed from internal training meetings, identify and select the 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.

(2) Leaders, trainers, and evaluators 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.

(3) 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, and evaluators. Preparing for training in Reserve Component (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 Active Component assistance from the numbered CONUSA, training support divisions, and directed training affiliations.

b. 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.

(1) 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.

(2) 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.

c. 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.

(1) 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, and turned-in, and training sites and facilities are closed out.

(2) 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 and evaluators provide additional opportunities for leader development.

1.6 Training 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 individual 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 process. 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. 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. STPs describe standards that must be met for each Soldier 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 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 Soldiers.

(2) Evaluation of training is not a test; it is not used to find reasons to punish leaders and Soldiers. Evaluation tells Soldiers 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 Soldiers. 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.

b. 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.

c. 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.

d. 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 themselves 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.

1.7 Training Support

This manual includes the following information which provides additional training support information.

a. Glossary. The glossary, which follows the last appendix, is a single comprehensive list of acronyms, abbreviations, definitions, and letter symbols.

b. References. This section contains two lists of references, required and related, which support training of all tasks in this SM. Required references are listed in the conditions statement and are required for the Soldier to do the task. Related references are materials that provide more detailed information and a more thorough explanation of task performance.

CHAPTER 2

Trainer's Guide

2.1 General

The MOS Training Plan identifies the essential components of a unit training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MOS Training Plan should be used as a guide for conducting unit training and not a rigid standard. The MOS Training Plan consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for Soldiers in this MOS.

Part One of the MOS Training Plan shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MOS Training Plan. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

- **Duty Position Column.** This column lists the duty positions of the MOS, by skill level, which have different training requirements.
- **Subject Area Column.** This column lists, by numerical key (see Section I), the subject areas a Soldier must be proficient in to perform in that duty position.
- **Cross Train Column.** This column lists the recommended duty position for which Soldiers should be cross trained.
- **Train-up/Merger Column.** This column lists the corresponding duty position for the next higher skill level or MOSC the Soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

- **Subject Area Column.** This column lists the subject area number and title in the same order as Section I, Part One of the MOS Training Plan.
- **Task Number Column.** This column lists the task numbers for all tasks included in the subject area.
- **Title Column.** This column lists the task title for each task in the subject area.
- **Training Location Column.** This column identifies the training location and the

Leadership Domain (Institutional, Operational, or Self-Development) where the task is first trained to Soldier training publications standards. If the task is first trained to standard in the unit, the word “OP” will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (S-D, INST), the resident course where the task was taught. Table 2-1 contains a list of training locations and their corresponding brevity codes.

Table 2-1. Training Locations

Brevity Code	Training Locations
ASI/SD	Additional Skill Identifier/Special Duty
AIT	Advanced Individual Training
ALC	Advanced Leader Course
SLC	Senior Leader Course
Unit	Training in the Unit

- Sustainment Training Frequency Column. This column indicates the recommended frequency at which the tasks should be trained to ensure Soldiers maintain task proficiency. Table 2-2 identifies the frequency codes used in this column.

Table 2-2. Sustainment Training Frequency Codes

Code	Meaning
BA	Biannually
AN	Annually
SA	Semi-annually
QT	Quarterly
BM	Bimonthly
MO	Monthly
BW	Biweekly
WK	Weekly
DA	Daily
HR	Hourly
OT	One time
OTHER	

- Sustainment Training Skill Level Column. This column lists the skill levels of the MOS for which Soldiers must receive sustainment training to ensure they maintain proficiency to Soldier's manual standards.

2-2. Part One, Section I. Subject Area Codes.

Skill Level SL1

- 1 TECHNICAL TASKS (SKILL LEVEL 1/2)
- 2 RECOVERY (ASI H8)

Skill Level SL3

- 3 COMMON LOGISTIC TASKS (SL 3)
- 4 TECHNICAL TASKS (SKILL LEVEL3)

Skill Level SL4

- 5 COMMON LOGISTIC MANAGEMENT TASKS (SKILL LEVEL 4)
- 6 COMMON MAINTENANCE MANAGEMENT TASKS (SL4)

2-3. Part One, Section II, Duty Position Training Requirements. Table 2-3 identifies the duty position training requirement at skill level 1 through 4.

Table 2-3 Duty Position Training Requirements

DUTY POSITION	SUBJECT AREAS	CROSS TRAIN	TRAIN-UP/MERGER
SKILL LEVEL 1			
91H10/ Tracked Vehicle Repairer 91H10/ Recovery vehicle Operator	1	NA	91H20/Tracked Vehicle Repairer 91H20/ Recovery Vehicle Operator
SKILL LEVEL 2			
91H20/Track Vehicle Repairer 91H20/Recovery Vehicle Operator	2	NA	91H30/Senior Automotive Mechanic 91H30/Maintenance Analyst 91H30/Recovery Supervisor 91H30/Senior Automotive Electric Systems Mechanic 91H30/Automotive Mechanic Sergeant 91H30/Mechanical Maintenance Sergeant 91H30/Technical Inspector 91H30/Operations Sergeant
SKILL LEVEL 3			
91H30/Senior Automotive Repairer 91H30/Maintenance Analyst 91H30/Recovery Supervisor 91H30/Senior Automotive Electric Systems Mechanic 91H30/Automotive Mechanic Sergeant 91H30/Mechanical Maintenance Sergeant 91H30/Technical Inspector 91H30/Operations Sergeant			91X40/Operations Sergeant 91X40/Automotive Mechanic Supervisor 91X40/Maintenance Plans/Policy NCO 91X40/Maintenance Analyst 91X40/Mechanical Maintenance Sergeant 91X40/Maintenance Control Sergeant 91X40/Maintenance Management NCO 91X40/Automotive Electric Systems Mechanic Supervisor 91X40/Section Chief 91X40/Commodity Management NCO 91X40/Platoon Sergeant
SKILL LEVEL 4			
91X40/Operations Sergeant 91X40/Automotive Mechanic Supervisor 91X40/Maintenance Plans/Policy NCO 91X40/Maintenance Analyst 91X40/Mechanical Maintenance Sgt. 91X40/Maintenance Control Sgt. 91X40/Maintenance Management NCO 91X40/Automotive Electric Systems Mechanic Supervisor 91X40/Section Chief 91X40/Commodity Management NCO 91X40/Platoon Sergeant			91Z50/Engineer Equipment Supervisor 91Z50/Engineer Equipment Maintenance Inspection Team Chief 91Z50/Mechanical Maintenance Operations NCO 91Z50/Mechanical Maintenance Management NCO 91Z50/Mechanical Maintenance Supervisor 91Z50/Mechanical Maintenance Management Logistics NCO 91Z50/Operations Sergeant 91Z50/First Sergeant

2-4. Part Two, Critical Tasks List. Table 2-4 identifies the 91H MOS Training Plan, Critical Task List, skill level 1 through 4.

Table 2-4. MOS Training Plan, Critical Tasks List

MOS TRAINING PLAN MOS 91H				
CRITICAL TASKS				
Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SI
Skill Level SL 1				
Subject Area 1 TECHNICAL TASKS (SKILL LEVEL 1/2)				
091-91H-1025	Maintain Diesel Power Plant/Pack on a Tracked Vehicle	AIT	SA	1/2
091-91H-1026	Maintain Fuel System on a Tracked Vehicle	AIT	SA	1/2
091-91H-1027	Maintain Electrical System on a Tracked Vehicle	AIT	SA	1/2
091-91H-1028	Maintain Suspension System on a Tracked Vehicle	AIT	SA	1/2
091-91H-1029	Maintain Steering/Braking System on a Tracked Vehicle	AIT	SA	1/2
091-91H-1030	Maintain Hydraulic System on a Tracked Vehicle	AIT	SA	1/2
091-91H-1031	Maintain Auxiliary Power Unit (APU) on a Tracked Vehicle	AIT	SA	1/2
Subject Area 2 RECOVERY (ASI H8)				
091-H8C-2005	Locate a Recovery Site	ASI/SD	SA	1/2
091-H8C-2006	Determine Recovery Methods	ASI/SD	SA	1/2
091-H8C-2007	Operate Tactical Communication Equipment	ASI/SD	SA	1/2
091-H8C-2008	Operate Metal Cutting Equipment	ASI/SD	SA	1/2
091-H8T-2021	Maintain Recovery Vehicle Weapon Systems	ASI/SD	SA	1/2
091-H8T-2022	Complete Preventive Maintenance Checks and Services on a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2023	Select Basic Issue Items Related to a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2024	Operate a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2025	Operate Auxiliary Power Unit (APU) on a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2026	Operate Recovery Systems on a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2027	Recover a Mired Tracked Vehicle	ASI/SD	SA	1/2
091-H8T-2028	Recover an Overturned Tracked Vehicle	ASI/SD	SA	1/2
091-H8T-2029	Perform Towing Procedures Using a Tracked Recovery Vehicle on Improved/Highway Surface	ASI/SD	SA	1/2
091-H8T-2030	Perform Cross Country Towing Using a Tracked Recovery Vehicle	ASI/SD	SA	1/2
091-H8T-2031	Complete Field Expedient Recovery on a Tracked Vehicle	ASI/SD	SA	1/2
Skill Level SL 3				
Subject Area 3 COMMON LOGISTIC TASKS (SL 3)				
091-LCST-3001	Apply Critical Thinking as a Junior Leader	ALC	MO	3/4
091-LCST-3003	Manage Administrative Procedures at the Platoon Level	ALC	MO	3/4
091-LCST-3004	Manage Training program at the Platoon Level	ALC	MO	3/4
091-LCST-3005	Maintain Hand Receipts	ALC	MO	3/4
091-LCST-3007	Conduct a Military Briefing	ALC	MO	3/4

MOS TRAINING PLAN MOS 91H				
CRITICAL TASKS				
Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SI
091-MCST-3001	Develop a Battle Damage Recovery Plan	ALC	MO	3/4
091-MCST-3002	Supervise Essential Army Maintenance Management Programs	ALC	MO	3/4
091-MCST-3003	Supervise Maintenance Workload	ALC	MO	3/4
091-MCST-3004	Develop a Maintenance Standing Operating Procedure (SOP)	ALC	MO	3/4
Subject Area 4 TECHNICAL TASKS (SKILL LEVEL3)				
091-91H-3142	Supervise the Maintenance of an Automatic Transmission on a Diesel Engine of a Tracked Vehicle	ALC	AN	3
091-91H-3143	Supervise the Maintenance on Electrical Circuits on a Track Vehicle	ALC	AN	3
091-91H-3144	Supervise the Maintenance of a Hydraulic System on a Tracked Vehicle	ALC	AN	3
091-91H-3145	Supervise the Repair of the Power Distribution System on a Tracked Vehicle	ALC	AN	3
091-91H-3146	Supervise the Maintenance on a Diesel Engine	ALC	AN	3
091-91H-3147	Supervise the Maintenance of the Fuel System on a Tracked Vehicle	ALC	AN	3
091-91H-3148	Supervise the Maintenance on Steering / Braking System on a Tracked Vehicle	ALC	AN	3
091-91H-3149	Supervise the Maintenance on the Auxiliary Power Unit (APU) on a Tracked Recovery Vehicle	ALC	AN	3
091-91H-3150	Complete Engine Tune-up Procedures on a Tracked Vehicle	ALC	AN	3
091-91H-3151	Supervise Recovery Operations on a Tracked Vehicle	ALC	AN	3
091-91H-3152	Supervise Battlefield Damage Assessment and Repair (BDAR) on a Vehicle	ALC	AN	3
Skill Level SL 4				
Subject Area 5 COMMON LOGISTIC MANAGEMENT TASKS (SKILL LEVEL 4)				
091-LCST-4001	Apply Critical Thinking as a Senior Leader	SLC	AN	4
091-LCST-4003	Manage Administrative Procedures at the Company Level	SLC	AN	4
091-LCST-4004	Manage Training programs at the Company Level	SLC	AN	4
091-LCST-4005	Manage Logistical Operations at the Brigade Level and Higher	SLC	AN	4
091-LCST-4006	Manage Tactical Operations at the Battalion Level and Higher	SLC	AN	4
091-LCST-4007	Conduct a Military Decision Briefing	SLC	AN	4
Subject Area 6 COMMON MAINTENANCE MANAGEMENT TASKS (SL4)				
091-MCST-4001	Manage Automated Maintenance Records	SLC	AN	4
091-MCST-4002	Manage Maintenance Production Control	SLC	AN	4
091-MCST-4003	Manage Command Supply Discipline Program at the Company Level	SLC	AN	4

CHAPTER 3
MOS/Skill Level Tasks
Skill Level SL1
Subject Area 1: Technical Tasks

091-91H-1025
Maintain Diesel Power Plant/Pack on a Track Vehicle

Conditions: In an operational environment, given required equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), safety equipment, replacement parts; DA Form 2404 Equipment Inspection and Maintenance Worksheet, or DA Form 5988-E Automated Equipment Maintenance and Inspection Worksheet, TM 9-2350-292 13&P, TM 9-2350-256 13&P, TM 9-1425-646 13&P, TM 9-2350-277 13&P and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain the diesel power plant/pack in accordance with applicable TM and IETM procedures and specifications. When this task is complete the equipment or end item is fully mission capable (FMC) or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet indicating a Power plant component fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Review work request.
 - a. Ensure deficiencies are annotated on DA Form 2404 and DA Form 5988-E.
 - b. Ensure paperwork is in completed in accordance with AR 750-1.
2. Select and use applicable publication.

- a. Identify what TM or IETM will be used.
 - b. Follow steps outlined in technical publication.
3. Select and use correct tools and test, measurement, and diagnostic equipment (TMDE).
- a. Identify which tools will be used.
 - b. Ensure tools are serviceable.
4. Follow prescribed safety procedures.
- a. Ensure safety guidelines are followed in accordance with standing operating procedure (SOP).
 - b. Ensure safety equipment is used.
 - c. Ensure safety caution signs are used.
 - d. Conduct risk assessment.
5. Practice shop safety and maintenance discipline.
- a. Ensure motor pool guidelines are followed.
 - b. Follow Environmental Protection Agency (EPA) guidelines.
6. Disconnect all applicable fuel, oil, air, and coolant lines.
- a. Ensure all fluids are drained.
 - b. Ensure lines are capped off.
7. Disconnect all applicable electrical connections.
- a. Ensure batteries are disconnected.
 - b. Label electrical lines.
8. Remove diesel power plant.
- a. Ensure Soldiers are out of area of projection.
 - b. Ensure all applicable parts are switched over.

- c. Ensure all parts are serviceable.
 - d. Replace any worn seals.
9. Inspect diesel power plant.
- a. Ensure no components are missing.
 - b. Ensure there is no external damage.
 - c. Ensure there are no leaks.
10. Test diesel power plant.
- a. Use ground hop kit, if available.
 - b. Ensure hearing protection is worn.
11. Connect all applicable fuel, oil, air, and coolant lines.
- a. Ensure lines are connected to right component.
 - b. Ensure right tools are used.
 - c. Ensure no part is cross threaded.
12. Connect all applicable electrical connections.
- a. Inspect wiring harness for any tears or frays.
 - b. Ensure all components are connected properly.
 - c. Ensure right tool is used.
 - d. Ensure no part is cross threaded.
13. Replace diesel power plant.
- a. Ensure deck is lifted out of the way.
 - b. Ensure there is enough clearance to place power plant.
14. Adjust systems and components.
- a. Ensure all components are attached properly.

b. Ensure all components are filled to specification.

15. Perform a final operational check to verify diesel power plant was placed to specifications.

a. Ensure there are no leaks visible.

b. Ensure all connects are tightened.

c. Ensure deck was lower.

16. Maintain tools and equipment.

a. Ensure all tools are cleaned before storing.

b. Ensure all oil spills are cleaned up.

17. Complete DA Form 5988-E or DA Form 2404.

a. Annotated corrected fault on form.

b. Ensure supervisor signs in appropriate block.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Reviewed work request.	_____	_____
2 Selected and used applicable publications.	_____	_____
3 Selected and used correct tools and TMDE.	_____	_____
4 Followed prescribed safety procedures.	_____	_____
5 Practiced shop safety and maintenance discipline.	_____	_____
6 Disconnected all applicable fuel, oil, air, and coolant lines.	_____	_____
7 Disconnected all applicable electrical connections.	_____	_____
8 Removed diesel power plant.	_____	_____

9 Inspected diesel power plant.	_____	_____
10 Tested diesel power plant.	_____	_____
11 Connected all applicable fuel, oil, air, and coolant lines.	_____	_____
12 Connected all applicable electrical connections.	_____	_____
13 Replaced diesel power plant.	_____	_____
14 Adjusted systems and components.	_____	_____
15 Performed a final operational check to verify diesel power plant was replaced to specifications.	_____	_____
16 Maintained tools and equipment.	_____	_____
17 Completed DA Form 5988-E or DA Form 2404.	_____	_____

Evaluation Guidance: Score the Soldier a GO if all Performance Measures were passed. Score the Soldier a NO GO if any Performance Measures were failed. If the Soldier fails any Performance Measures, show what was done wrong and how to do it correctly.

References Required

AR 385-10
 AR 750-1
 LO 9-2350-277-13
 LO 9-2350-256-12
 TM 9-1425-646-10
 TM 9-1425-646-13&P
 TM 9-1425-646-L
 TM 9-2350-256-13&P
 TM 9-2350-256-10
 TM 9-2350-277-10
 TM 9-2350-277-13&P
 TM 9-2350-292-10
 TM 9-2350-292-13&P.

Referenced Forms

DA Form 2404
 DA Form 5988-E

091-91H-1026
Maintain Fuel System on a Tracked Vehicle

Conditions: In an operational environment given required support equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), necessary safety equipment, replacement parts if needed, applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-256-13&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain tracked vehicle fuel systems in accordance with the applicable TM procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet indicating a fuel system fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify what TM will be used.
 - b. Follow steps outlined in technical publication.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools.
 - b. Ensure there is no damage to tools.
3. Follow prescribed safety procedures.

- a. Ensure safety guidelines are followed in accordance with standing operating procedure (SOP).
 - b. Ensure safety equipment is used.
 - c. Conduct risk assessment.
4. Practice maintenance discipline.
 - a. Ensure motor pool guidelines are followed.
 - b. Follow Environmental Protection Agency (EPA) guidelines.
5. Disconnect all applicable fuel lines and fittings.
 - a. Ensure all fluids are drained, if needed.
 - b. Ensure lines are capped off.
 - c. Ensure right tools are used.
6. Disconnect all applicable electrical connections.
 - a. Ensure batteries are disconnected.
 - b. Label electrical lines, if needed.
7. Remove fuel pump and components.
 - a. Tag and label pump for turn-in.
 - b. Ensure all necessary components are disconnected and removed.
8. Inspect tracked vehicle fuel system components, as required.
 - a. Check components for debris.
 - b. Ensure all parts are serviceable.
9. Replace fuel pump and components.
 - a. Inspect pump for serviceability.
 - b. Ensure pump is the correct one.
10. Connect all applicable fuel lines and fittings.

- a. Uncap lines to connect lines to pump.
 - b. Ensure appropriate tools are used.
11. Connect all applicable electrical connections.
- a. Connect batteries.
 - b. Tighten all parts according to TM.
12. Perform a final operational check to verify part was replaced to specifications.
- a. Ensure all fluid levels are to specification.
 - b. Conduct inspection of parts and connections.
 - c. Start vehicle and check for mission readiness.
13. Maintain tools and equipment.
- a. Ensure tools are cleaned before storing.
 - b. Clean up any oil and fuel spills.
14. Complete DA Form 5988-E, as required.
- a. Annotated correct fault on applicable form.
 - b. Ensure supervisor signs in appropriate block.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used correct tools and TMDE.	_____	_____
3 Followed prescribed safety procedures.	_____	_____
4 Practiced maintenance discipline.	_____	_____
5 Disconnected all applicable fuel lines and fitting.	_____	_____

6	Disconnected all applicable electrical connections.	_____	_____
7	Removed fuel pump and components.	_____	_____
8	Inspected tracked vehicle fuel system components, as required.	_____	_____
9	Replaced fuel pump and components.	_____	_____
10	Connected all applicable fuel lines and fittings.	_____	_____
11	Connected all applicable electrical connections.	_____	_____
12	Performed a final operational check to verify part was replaced to specifications.	_____	_____
13	Maintained tools and equipment.	_____	_____
14	Completed DA Form 5988-E, as required.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
 AR 750-1
 LO 9-2350-256-12
 LO 9-2350-277-13
 TM 9-1425-646-10
 TM 9-1425-646-13&P
 TM 9-1425-646-L
 TM 9-2350-256-13&P
 TM 9-2350-256-10
 TM 9-2350-277-10
 TM 9-2350-277-13&P
 TM 9-2350-292-10
 TM 9-2350-292-13&P

Referenced Forms

DA Form 2404
 DA Form 5988-E

091-91H-1027
Maintain Electrical System on a Tracked Vehicle

Conditions: In an operational environment, given required support equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), necessary safety equipment, replacement parts if needed; applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-256-13&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P, DA PAM 738-751 and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain tracked vehicle electrical system in accordance with the applicable TM procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet indicating an electrical system fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publication.
 - a. Identify which TM will be used.
 - b. Follow steps outlined in TM.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools, if required.
 - b. Ensure serviceability of tools.
3. Follow prescribed safety procedures.

- a. Follow prescribed safety procedures outlined in the TM.
 - b. Follow prescribed safety procedures outlined in the unit standing operating procedure (SOP).
4. Practice shop safety and maintenance discipline.
- a. Follow motor pool safety guidelines.
 - b. Ensure appropriate safety signs are displayed.
 - c. Ensure another Soldier is available for assistance.
5. Verify work request.
- a. Ensure correct deficiency is annotated on DA Form 2404 and DA Form 5988-E.
 - b. Ensure paperwork is in accordance with DA Pamphlet 738-751.
6. Conduct troubleshooting of tracked vehicle electrical system and components.
- a. Follow steps outlined in TM.
 - b. Ensure all electrical components have been checked.
7. Replace tracked vehicle electrical system components, as required.
- a. Replace electrical component, if on hand.
 - b. Order any electrical part that is not on hand on correct form.
 - c. Tag and label part for turn in, if needed.
8. Perform a final operational check to verify part was replaced to specification.
- a. Start vehicle according to TM and conduct Preventive Maintenance Checks and Services (PMCS).
 - b. Ensure all parts are attached correctly.
 - c. Verify fault was corrected, if needed.
9. Maintain tools and equipment.
- a. Ensure all tools are clean and serviceable.

b. Clean area after work has been completed.

10. Complete The Army Maintenance Management System (TAMMS) forms, as required.

a. Annotate correct fault on applicable form.

b. Ensure supervisor signs in appropriated block.

c. Turn form into Unit Level Logistics System (ULLS) clerk.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.		_____
2 Selected and used correct tools and TMDE.		_____
3 Followed prescribed safety procedures.		_____
4 Practiced shop safety and maintenance discipline.		_____
5 Verified work request.		_____
6 Conducted troubleshooting of tracked vehicle electrical system and components.		_____
7 Replaced tracked vehicle electrical system components, as required.		_____
8 Performed a final operational check to verify part was replaced to specifications.		_____
9 Maintained tools and equipment.		_____
10 Completed TAMMS forms, as required.		_____

Evaluation Guidance: Score the Soldier GO if all **Performance Measures** are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
AR 750-10
AR 750-43
LO 9-2350-256-12
LO 9-2350-277-13
TB 9-2350-292-10
TM 9-1425-646-10
TM 9-1425-646-13&P
TM 9-1425-646-24P
TM 9-1425-646-L
TM 9-2350-256-13&P
TM 9-2350-256-10
TM 9-2350-277-10
TM 9-2350-277-13&P
TM 9-2350-292-10
TM 9-2350-292-13&P
DA PAM 738-751

Referenced Forms

DA Form 2404
DA Form 5988-E

091-91H-1028
Maintain Suspension System on a Tracked Vehicle

Conditions: In an operational environment, given required support equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), necessary safety equipment, replacement parts if needed; applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-256-13&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P, DA PAM 738-751 and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain tracked vehicle suspension systems in accordance with the applicable TM procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet indicating a suspension system fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify which TM will be used.
 - b. Follow steps outline in TM for deficiency.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools in Basic Issue Items (BII).
 - b. Ensure tools are serviceable.
3. Follow prescribed safety procedures.

- a. Follow prescribed safety procedures outlined in the TM.
 - b. Follow prescribed safety procedures outlined in the unit standing operating procedure (SOP).
4. Practice maintenance discipline.
- a. Follow safety guidelines outline in motor pool.
 - b. Ensure proper safety equipment is utilized.
5. Verify work request.
- a. Ensure correct deficiency is annotated on DA Form 2404 and DA Form 5988-E.
 - b. Ensure paperwork is in accordance with DA Pamphlet 738-751.
6. Inspect tracked vehicle suspension system and components.
- a. Ensure vehicle is chock blocked.
 - b. Ensure parking brake is engaged.
 - c. Check all components are in accordance with TM.
7. Remove defective suspension system components, as required.
- a. Ensure proper tools are used.
 - b. Tag and label defective component for turn-in.
 - c. Ensure another Soldier is available for support.
8. Replace defective suspension system components, as required.
- a. Ensure component is right one for vehicle.
 - b. Ensure proper tools are used.
 - c. Ensure no parts have been cross threaded.
9. Verify fault has been corrected.
- a. Start vehicle and check suspension system.

- b. Maintain safety at all times.
 - c. Perform a final inspection to ensure component is installed for mission readiness.
10. Maintain tools and equipment.
- a. Clean tools before storing in tool kit.
 - b. Ensure vehicle and area is free of any Environmental Protection Agency (EPA) violations.
11. Complete DA Form 5988-E, as required.
- a. Annotate deficiency was corrected on applicable form.
 - b. Ensure supervisor signs in appropriate block.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used correct tools and TMDE.	_____	_____
3 Followed prescribed safety procedures.	_____	_____
4 Practiced maintenance discipline.	_____	_____
5 Verified work request.	_____	_____
6 Inspected tracked vehicle suspension system and components.	_____	_____
7 Removed defective suspension system components, as required.	_____	_____
8 Replaced defective suspension system components, as required.	_____	_____
9 Verified fault had been corrected.	_____	_____
10 Maintained tools and equipment.	_____	_____

11 Completed DA Form 5988-E, as required. _____

Evaluation Guidance: Score the Soldier GO if all **Performance Measures** are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
AR 750-1
LO 9-2350-256-12
LO 9-2350-277-13
TM 9-1425-646-10
TM 9-1425-646-13&P
TM 9-1425-646-L
TM 9-2350-256-13&P
TM 9-2350-256-10
TM 9-2350-277-10
TM 9-2350-277-13&P
TM 9-2350-292-10
TM 9-2350-292-13&P
DA PAM 738-751

Referenced Forms

DA Form 2404
DA Form 5988-E

091-91H-1029
Maintain Steering/Braking System on a Tracked Vehicle

Conditions: In an operational environment, given required support equipment, applicable tracked vehicle, general mechanic's tool kit;, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), necessary safety equipment; replacement parts if needed; applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-256-13&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain tracked vehicle steering/braking system in accordance with the applicable TM procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet indicating a steering or brake system fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment

Performance Steps

1. Select and use applicable publication.
 - a. Identify which TM will be used.
 - b. Follow steps outlined in TM for fault.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools in Basic Issue Items (BII).
 - b. Ensure tools are serviceable.
3. Follow prescribed safety procedures.

- a. Follow prescribed safety procedures outlined in the TM.
- b. Follow prescribed safety procedures outlined in the unit Standing Operating Procedure (SOP).
4. Practice maintenance discipline.
 - a. Follow safety guidelines outlined in the motor pool.
 - b. Ensure proper safety equipment is used.
5. Inspect tracked vehicle steering and braking system and components.
 - a. Follow steps outlined in TM.
 - b. Check vehicle for leaks.
 - c. Ensure component is drained of fluids.
 - d. Check vehicle system for any missing components.
6. Remove tracked vehicle steering and brake system components, as required.
 - a. Remove component that is damaged.
 - b. Ensure proper safety equipment is used.
 - c. Tag and label part for turn-in.
7. Check tracked vehicle steering and brake system components for leaks.
 - a. Ensure parts were tightened to specification.
 - b. Ensure component was filled with appropriate fluid.
 - c. Verify fault had been corrected.
8. Perform a final operational check to verify part was replaced to specifications.
 - a. Take vehicle on road test.
 - b. Perform a Preventive Maintenance Checks and Services (PMCS).
9. Maintain tools and equipment.

- a. Ensure tools are cleaned and serviceable.
 - b. Ensure vehicle is free of any Environmental Protection Agency (EPA) violations.
10. Complete DA Form 5988-E, as required.
- a. Annotate corrected fault on applicable form.
 - b. Ensure supervisor signs in appropriate block.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used correct tools and TMDE.	_____	_____
3 Followed prescribed safety procedures.	_____	_____
4 Practiced maintenance discipline.	_____	_____
5 Inspected tracked vehicle steering and braking system and components.	_____	_____
6 Removed tracked vehicle steering and brake system components, as required.	_____	_____
7 Checked tracked vehicle steering and brake system components for leaks.	_____	_____
8 Performed a final operational check to verify part was replaced to specifications.	_____	_____
9 Maintained tools and equipment.	_____	_____
10 Completed DA Form 5988-E, as required.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
AR 750-1
LO 9-2350-256-12
LO 9-2350-277-13
TM 9-1425-646-10
TM 9-1425-646-13&P
TM 9-1425-646-L
TM 9-2350-256-13&P
TM 9-2350-256-10
TM 9-2350-277-10
TM 9-2350-277-13&P
TM 9-2350-292-10
TM 9-2350-292-13&P

Referenced Forms

DA Form 2404
DA Form 5988-E

091-91H-1030
Maintain Hydraulic System on a Tracked Vehicle

DANGER

Carbon monoxide is a colorless, odorless, deadly poisonous gas. Breathing air with carbon monoxide produces symptoms of headache, dizziness, loss of muscular control, and drowsiness. Brain damage or death can result from severe exposure. The exhaust fumes of fuel-burning heaters and internal combustion engines produce carbon monoxide gas. Carbon monoxide can become dangerously concentrated without adequate ventilation.

Do not operate personnel heater or engine of vehicle in a closed area unless it is adequately ventilated to ensure crew safety when the personnel heater, main or auxiliary engine of any vehicle is operated for any purpose:

Do not idle engine for long periods without ventilation blower operation. If tactical situation permits, open hatches.

Do not drive any vehicle with inspection plates, cover plates, or engine compartment doors removed unless necessary for maintenance purposes.

During vehicle operation be aware of exhaust odors and exposure symptoms. If either is present, immediately ventilate personnel compartments. If symptoms persist, remove affected personnel and:

Expose to fresh air

Keep warm

Do not permit physical exercise

Give artificial respiration (if necessary)

Get immediate medical attention

Neither the gas/particulate filter unit nor the field protection mask for Nuclear, Biological, and Chemical (NBC) protection will protect you from carbon monoxide poisoning.

The best defense against carbon monoxide poisoning is adequate ventilation.

WARNING

Do not attempt to loosen or tighten hydraulic fittings or lines when the system is pressurized. Ensure that the boom is in the stowed position before doing any maintenance on the hydraulic system.

Hydraulic fluid under pressure can penetrate skin or damage eyes. Fluid leaks under pressure may not be visible, use a piece of cardboard or wood to find leaks, but does not use bare hand. Wear safety goggles for protection. If fluid enters skin or eye, get immediate medical attention.

CAUTION

Do not move under any hydraulically controlled implement when making adjustments or repairs to hydraulic system. Lower implement and work from above. If implement must be raised for access, always block to support. If implement drops, injury to personnel can result.

Conditions: In an operational environment given required support equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, Test, Measurement, and Diagnostic Equipment (TMDE), necessary safety equipment, replacement parts if needed; applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-25613&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P, DA Pam 738-751 and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain tracked vehicle hydraulic system in accordance with the applicable TM or IETM procedures and specifications. When this task is completed, the vehicle is fully mission capable or maintenance actions to be performed by other than 91H personnel have been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet with a Hydraulic System fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify which TM or IETM will be used.
 - b. Follow steps outline in TM or IETM for deficiency.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools in Basic Issue Items (BII).

- b. Ensure tools are serviceable.
3. Follow prescribed safety procedures.
 - a. Follow prescribed safety procedures outlined in the TM or IETM.
 - b. Follow prescribed safety procedures outlined in unit standing operating procedure (SOP).
4. Verify work request.
 - a. Ensure deficiency was annotated on DA Form 5988-E or DA Form 2404.
 - b. Ensure paperwork is in accordance with DA Pamphlet 738-751.
5. Inspect tracked vehicle hydraulic system and components.
 - a. Ensure all fluids have been drained, as required.
 - b. Ensure there is no extensive damage.
6. Remove tracked vehicle hydraulic system components as required.
 - a. Ensure proper tools are used.
 - b. Inspect gaskets and seals for any damage.
 - c. Tag and label component for turn-in.
 - d. Change over usable parts from old component.
 - e. Disconnect hoses and lines if required.
7. Replace tracked vehicle hydraulic system components as required.
 - a. Ensure area is clean before installing component.
 - b. Replace any worn or torn hoses and lines if required.
 - c. Ensure new gaskets and seals have been replaced if required.
 - d. Tighten components and parts to specification.
8. Check for leaks.

- a. Start vehicle and engage hydraulics.
 - b. Shift controls to see if they work.
- 9. Perform a final operational check to verify part was replaced to specification.
 - a. Conduct a road test.
 - b. Verify fault was corrected.
- 10. Maintain tools and equipment.
 - a. Ensure tools are cleaned and serviceable.
 - b. Ensure vehicle is free of any Environmental Protection Agency (EPA) violations.
- 11. Complete DA Form 5988-E or DA Form 2404 as required.
 - a. Annotate corrected fault on applicable form.
 - b. Ensure supervisor signs form if required.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used correct tools and TMDE.	_____	_____
3 Followed prescribed safety procedures.	_____	_____
4 Verified work request.	_____	_____
5 Inspected tracked vehicle hydraulic system and components.	_____	_____
6 Removed tracked vehicle hydraulic system components as required.	_____	_____
7 Replaced tracked vehicle hydraulic system components as required.	_____	_____
8 Checked for leaks.	_____	_____

9 Performed a final operational check to verify part was replaced to specifications. _____

10 Maintained tools and equipment. _____

11 Completed DA Form 5988-E or DA Form 2404 as required. _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

- AR 385-10
- AR 750-1
- LO 9-2350-256-12
- LO 9-2350-277-13
- TM 9-1425-646-10
- TM 9-1425-646-13&P
- TM 9-1425-646-L
- TM 9-2350-256-13&P
- TM 9-2350-256-10
- TM 9-2350-277-10
- TM 9-2350-277-13&P
- TM 9-2350-292-10

Referenced Forms

- DA Form 2404
- DA Form 5988-E

091-91H-1031
Maintain Auxiliary Power Unit (APU) on a Tracked Vehicle

DANGER

Carbon monoxide is a colorless, odorless, deadly poisonous gas. Breathing air with carbon monoxide produces symptoms of headache, dizziness, loss of muscular control, and drowsiness. Brain damage or death can result from severe exposure.

The exhaust fumes of fuel-burning heaters and internal combustion engines produce carbon monoxide gas. Carbon monoxide can become dangerously concentrated without adequate ventilation. To ensure crew safety when the personnel heater or main or auxiliary engine of any vehicle is operated for any purpose:

Do not operate personnel heater or engine of vehicle in a closed area unless it is adequately ventilated.

Do not idle engine for long periods without ventilation blower operation. If tactical situation permits, open hatches.

Do not drive any vehicle with inspection plates, cover plates, or engine compartment doors removed unless necessary for maintenance purposes. During vehicle operation be aware of exhaust odors and exposure symptoms. If either is present, immediately ventilate personnel compartments. If symptoms persist, remove affected personnel and:

Expose to fresh air Keep warm

Do not permit physical exercise

Give artificial respiration (if necessary)

Get immediate medical attention neither the gas/particulate filter unit nor the field protection mask for Nuclear, Biological, and Chemical (NBC) protection will protect you from carbon monoxide poisoning.

The best defense against carbon monoxide poisoning is adequate ventilation.

WARNING

APU access door must be secured prior to performing any work on unit. Unless properly secured by a strap, access door can swing shut and injure personnel working on unit, especially if spare road wheel is mounted in place on hull.

CAUTION

Certain precautions must be observed before beginning any tests on the 24-V system. Do not permit a hot wire to touch metal parts of the vehicle at any time. Flash testing by striking a hot wire against a vehicle ground will cause an arc that will completely destroy the connector on the lead. Accidental contact of metal tools between battery or starter cables and frame of vehicle causes a direct circuit resulting in arcing of tools. This can cause serious damage to tools, vehicle components, and batteries. Overloaded batteries may explode, spraying hot acid and sharp fragments over surrounding area.

The correct procedure when removing electrical equipment, harnesses, battery cables, or starting cables is to turn off the MASTER switch and disconnect battery ground cable. Protect ground cable from accidental contact with battery terminal. When work has been completed, connect battery ground cable last.

Conditions: In an operational environment, given required equipment, applicable tracked vehicle, general mechanic's tool kit, special tools, test, measurement, and diagnostic equipment (TMDE), necessary safety equipment; replacement parts if needed; applicable forms and references; DA Form 2404, DA Form 5988-E, TM 9-2350-292-13&P, TM 9-2350-256-13&P, TM 9-1425-646-13&P, TM 9-2350-277-13&P and in accordance with AR 750-1 and AR 385-10. This task should not be trained in MOPP.

Standards: Maintain M88A1 or M88A2 Recovery Tracked Vehicle Auxiliary Power Unit (APU) in accordance with the applicable TM and IETM procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Trying to start your M88A1 or M88A2 recovery vehicle and you have no battery voltage and you have got to operate your hydraulic system.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify which TM or IETM will be used.
 - b. Follow steps outlined in TM or IETM for fault.
2. Select and use correct tools and TMDE.
 - a. Identify applicable tools in Basic Issue Items (BII).
 - b. Ensure tools are serviceable.
3. Follow prescribed safety procedures.

- a. Follow prescribed safety procedures outlined in the TM.
- b. Follow prescribed safety procedures outline in the unit standing operating procedure (SOP).
4. Practice maintenance discipline.
 - a. Follow safety guidelines outlined in the motor pool.
 - b. Ensure proper safety equipment is used.
5. Verified work request.
 - a. Ensure correct deficiency is annotated on DA Form 2404 and DA Form 5988-E.
 - b. Ensure paperwork is in accordance with DA Pamphlet 738-751.
6. Conduct PMCS on APU system.
 - a. Inspect APU system and components for visible damage, in accordance with TM.
 - b. Check for any leaks.
7. Troubleshoot APU system on tracked vehicle fuel system.
 - a. Troubleshoot APU system in accordance with TM or IETM.
 - b. Check for any leaks.
8. Remove tracked vehicle APU system components, as required.
 - a. Ensure appropriate tools are used.
 - b. Disconnect all lines and hoses.
 - c. Tag and label component for turn-in.
9. Replace tracked vehicle APU system components, as required.
 - a. Ensure appropriate tools are used.
 - b. Follow steps outlined in TM or IETM.
 - c. Verify fault has been corrected.

10. Perform a final operational check to verify part was replaced to specification.

- a. Ensure all lines and hoses are attached properly.
- b. Inspect vehicle for leaks.
- c. Start APU and run test in accordance with TM or IETM.

11. Maintain tools and equipment.

- a. Ensure all tools are cleaned and serviceable.
- b. Ensure equipment and area are free of any Environmental Protection Agency (EPA) violations.

12. Complete DA Form 5988-E or DA Form 2404 as required.

- a. Annotated corrected fault on appropriate form.
- b. Ensure supervisor signs in appropriate block.
- c. Turn form into Standard Army Maintenance System Enhanced (SAMS-E) clerk.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with the appropriate reference to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used correct tools and TMDE.	_____	_____
3 Followed prescribed safety procedures.	_____	_____
4 Practiced maintenance discipline.	_____	_____
5 Verified work request.	_____	_____
6 Conduct PMCS on tracked vehicle APU system.	_____	_____
7 Troubleshoot APU system on tracked vehicle fuel system.	_____	_____
8 Removed tracked vehicle APU system components, as required.	_____	_____

- | | | |
|---|-------|-------|
| 9 Replaced tracked vehicle APU system components, as required. | _____ | _____ |
| 10 Performed a final operational check to verify part was replaced to specifications. | _____ | _____ |
| 11 Maintained tools and equipment. | _____ | _____ |
| 12 Completed DA Form 5988-E or DA Form 2404 as required. | _____ | _____ |

Evaluation Guidance: Score the Soldier GO if all Performance Measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
AR 750-1
LO 9-2350-256-12
LO 9-2350-277-13
TM 9-1425-646-10
TM 9-1425-646-13&P
TM 9-1425-646-L
TM 9-2350-256-13&P
TM 9-2350-256-10
TM 9-2350-277-10
TM 9-2350-277-13&P
TM 9-2350-292-10
DA PAM 738-751

Referenced Forms

DA Form 2404
DA Form 5988

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Skill Level SL2
Subject Area 2: RECOVERY (ASI H8)

091-H8C-2005
Locate a Recovery Site

Conditions: In an operational environment (OE), given an order to recover a disabled vehicle, grid coordinate, representative recovery vehicle with Basic Issue Items (BII), required materials, applicable tools, and TC 3-25.26.

Standards: Locate a recovery site within 10 meters and identified a primary and alternate recovery route determining distance for both with no greater than a 10% error.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: None

Note: You are issued a map and grid coordinates to the location of a disabled vehicle; you must pinpoint the location and identify the route you must travel to support or recover the vehicle.

Performance Steps

1. Select applicable publications.
2. Identify terrain features.
3. Identify map symbols and colors.
4. Locate site using military grid reference system.
5. Calculate distance.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

- | | | |
|-------------------------------------|-------|-------|
| 1 Selected applicable publications. | GO | NO GO |
| | _____ | _____ |

- 2 Identified terrain features. _____
- 3 Identified map symbols and colors. _____
- 4 Located site using military grid reference system. _____
- 5 Calculated distance. _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

TC 3-25.26

091-H8C-2006
Determine Recovery Methods

Conditions: In an operational environment (OE) given a representative recovery vehicle with Basic Issue Items (BII), a mission to recover a disabled vehicle, required materials, applicable tools, and TC 43-35, TM 3-34.86, TM 9-2350-256-10, TM 9-2350-256-13&P.

Standards: Identify the recovery methods, source of effort, and mechanical advantage needed in accordance with TM 3-34.86, with 100% accuracy.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Request the pertinent information from the disabled vehicle personnel, to better prepare and support the disabled vehicle, identify the location terrain, and reason for the vehicle recovery.

Note: None

Performance Steps

1. Select applicable publications.
2. Reconnoiter the area.
3. Estimate the situation.
4. Calculate Ratios.
5. Obtain resistance.
6. Verify solution.
7. Erect rigging.
8. Recheck rigging.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected applicable publications.	_____	_____
2 Reconnoitered area.	_____	_____
3 Estimated the situation.	_____	_____
4 Calculated ratios.	_____	_____
5 Obtained resistance.	_____	_____
6 Verified solution.	_____	_____
7 Erected rigging.	_____	_____
8 Rechecked rigging.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

TC 43-35
 TM 3-34.86
 TM 9-2350-256-10
 TM 9-2350-256-20-1
 TM 9-2350-256-13&P

091-H8C-2007
Operate Tactical Communication Equipment

Conditions: In an operational environment (OE) given tactical communications equipment, a radio transmission that need to be sent to the Headquarters, in accordance with TM 11-5820-401-10-1, TM 11-5820-401-10-2, and ATP 6-02.53.

Standards: Operate assigned AN/RVC-12 Series Radio Set in accordance with TM 11-5820-401-10-1; use correct radio procedures for clear, concise, and secure communication in accordance with the appropriate publications with 100% accuracy.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You will be issued a reason to communicate with Headquarters.

Note: None

Performance Steps

1. Select applicable publications.
2. Prepare communications equipment for operation.
3. Send tactical communications.
4. Receive tactical communications.
5. Perform shut down procedures of communication equipment.

Evaluation Preparation: Ensure all equipment and special tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected applicable publications.	_____	_____
2 Prepared communication equipment for operation.	_____	_____
3 Sent tactical communications.	_____	_____

4 Received tactical communications. _____

5 Performed shut down procedures of communication equipment. _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- TM 11-5820-401-10-1
- TM 11-5820-401-10-2
- ATP 6-02.53

091-H8C-2008
Operate Metal Cutting Equipment

Conditions: In an operational environment, given oxyacetylene equipment, exothermic cutting equipment, metal that needs to be cut, safety equipment, TC 9-237 and in accordance with AR 385-10.

Standards: Operate oxyacetylene and exothermic cutting equipment in accordance with TC 9-237 Ch. 5 and 6, with 100% accuracy.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: While performing recovery operation, you encounter a piece of metal that was damaged beyond repair and is hindering you from safely performing the vehicle recovery.

Note: None

Performance Steps

1. Select applicable publications.
2. Comply with all prescribed safety procedures.
 - a. Comply with all safety precautions outlined in applicable manuals.
 - b. Comply with all safety guidelines outlined in unit Standard Operating Procedure (SOP).
3. Determine the method to cut metal.
4. Prepare metal cutting equipment.
5. Perform metal cutting procedures.
6. Perform tear down procedures of metal cutting equipment.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Selected applicable publications.	_____	_____
2 Complied with all prescribed safety procedures.	_____	_____
3 Determined the method to cut metal.	_____	_____
4 Prepared metal cutting equipment.	_____	_____
5 Performed metal cutting procedures.	_____	_____
6 Performed tear down procedures of metal cutting equipment.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

TC 9-237
AR 385-10

Referenced Forms

DA Form 2404

091-H8T-2021
Maintain Recovery Vehicle Weapon Systems

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Department of the Army (DA) Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 5988-E (Equipment Maintenance and Inspection Worksheet), Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P and other applicable publications. Note: If representative equipment is not available, use applicable equipment and associated references. Some iterations of this task should be performed in MOPP4.

Standards: Maintain the M88A1 or M88A2 vehicle weapons in accordance with the Preventive Maintenance Checks and Services (PMCS) table and procedures and specifications of the applicable TM. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1/2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued a Maintenance Inspection Worksheet for the M88 Recovery Vehicle's weapon systems.

Note: None

Performance Steps

1. Select and use applicable publication.
 - a. Ensure appropriate TM is used.
 - b. Ensure steps are followed outlined in the TM.
2. Use proper safety methods.
 - a. Ensure proper safety methods are followed.
 - b. Follow prescribed safety precautions outlined in TM.
3. Disassemble machine gun
 - a. Ensure machine gun is on safe

- b. Lock bolt to the rear
 - c. Ensure weapon is clear
 - d. Follow steps outline in the TM.
4. Check for broken or missing parts.
- a. Separate machine gun components
 - b. Visually inspect each machine gun component for damage
 - c. Tag and label any parts for turn-in.
 - d. Ensure DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Maintenance and Inspection Worksheet) has been filled out.
5. Ensure all parts are cleaned and lubricated.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1. Identified Vehicle Weapon Systems	_____	_____
2. Selected and used applicable publications.	_____	_____
3. Identified deficiencies and shortcomings.	_____	_____
4. Corrected shortcomings identified as operator maintenance.	_____	_____
5. Followed prescribed safety procedures.	_____	_____

Evaluation Guidance: None

References Required

TM 9-2350-256-10
TM 9-2350-256-13&P

Referenced Forms

DA Form 2404
DA Form 5988-E

091-H8T-2022

Complete Preventive Maintenance Checks and Services on a Tracked Recovery Vehicle

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Department of the Army (DA) Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 5988-E (Equipment Maintenance and Inspection Worksheet), DA Pamphlet 750-8, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P, TM 9-2350-292-10 and other applicable forms and publications. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Inspect the M88A1 or M88A2 vehicle in accordance with the Preventive Maintenance Checks and Services (PMCS) table of the applicable TM and record deficiencies on DA Form 2404 or DA Form 5988-E in accordance with DA Pamphlet 750-8. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1/2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as the operator of an M88 Recovery Vehicle and are issued a Maintenance Inspection Worksheet to perform Command Maintenance.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Follow steps outlined in appropriate publication.
2. Select and use proper tools and Test, Measurement, and Diagnostic Equipment (TMDE).
 - a. Identify appropriate tools in Basic Issue Items (BII).

- b. Ensure appropriate tools are serviceable.
- 3. Describe operation of vehicle systems and subsystems.
 - a. Locate appropriate systems and subsystems operations in the TM.
 - b. Read and follow systems and subsystems maintenance operating guidance outlined in TM.
- 4. Determine readiness of system components.
 - a. Ensure components are at operating temperature.
 - b. Verify equipment operating gauges and instruments.
- 5. Identify deficiencies and shortcomings.
 - a. Follow steps outlined in TM pertaining to deficiencies.
 - b. Record deficiencies and shortcomings on DA Form 2404 or DA Form 5988-E.
- 6. Correct shortcomings identified as operator maintenance.
 - a. Take appropriate measures to repair all deficiencies and shortcomings that need to be repaired.
 - b. Notify supervisor if fault is found beyond operator level of maintenance.
- 7. Follow prescribed safety procedures.
 - a. Follow safety procedures outlined in TM.
 - b. Follow safety procedures outlined in unit standing operating procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Selected and used proper tools and TMDE.	_____	_____
3 Described operation of vehicle systems and subsystems.	_____	_____

- | | | | |
|---|--|-------|-------|
| 4 | Determined readiness of system components. | _____ | _____ |
| 5 | Identified deficiencies and shortcomings. | _____ | _____ |
| 6 | Corrected shortcomings identified as operator maintenance. | _____ | _____ |
| 7 | Followed prescribed safety procedures. | _____ | _____ |

Evaluation Guidance: None

References Required

DA PAM 750-8
TM 9-2350-256-10
TM 9-2350-292-10
TM 9-2350-256-13&P

Referenced Forms

DA Form 2404
DA Form 5988-E

091-H8T-2023**Select Basic Issue Items Related to a Tracked Recovery Vehicle**

Conditions: In an operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P, TM 9-2350-292-10 and other applicable forms and publications. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Select, clean, and store the recovery related components of end item (COEI) and Basic Issue Items (BII) in accordance with the procedures in TM 9-2350-256-10 and TM 9-2350-292-10. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are issued an inventory sheet for the M88 BII.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Follow steps outlined in appropriate publication.
2. Inventory and determine serviceability of BII.
 - a. Identify appropriate tools in BII.
 - b. Inspect BII for serviceability.
3. Repair BII, as required.
 - a. Follow steps outlined in TM pertaining to serviceability of BII.

- b. Tag and label unserviceable BII for turn-in.
- 4. Replace BII, as required.
 - a. Follow directions outlined in publication on replacement of BII.
 - b. Ensure appropriate BII has been ordered on applicable forms.
- 5. Use BII, as required.
 - a. Select appropriate BII pertaining to job.
 - b. Follow procedures in TM.
- 6. Service BII, as required.
 - a. Refer to TM for servicing data.
 - b. Verify servicing information in TM.
- 7. Store BII properly.
 - a. Ensure all tools are accounted for.
 - b. Ensure tools are cleaned before storing.
- 8. Follow prescribed safety procedures.
 - a. Follow safety procedures outlined in TM.
 - b. Follow safety procedures outlined in unit standing operating procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Inventoried and determined serviceability of BII.	_____	_____
3 Repaired BII, as required.	_____	_____
4 Replaced BII, as required.	_____	_____
5 Used BII, as required.	_____	_____

- 6 Serviced BII, as required. _____
- 7 Stored BII properly. _____
- 8 Followed prescribed safety procedures. _____

Evaluation Guidance: None

References Required

- TM 9-2350-256-10
- TM 9-2350-292-10
- TM 9-2350-256-13&P

Referenced Forms

- DA Form 2404
- DA Form 5988-E

091-H8T-2024
Operate a Tracked Recovery Vehicle

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, The Army Maintenance Management System (TAMMS) forms, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P and other applicable publications. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Operate vehicle around obstacles in forward and reverse gears without stalling, jerking, getting stuck, or causing damage to the vehicle and while obeying all safety procedures, traffic regulations, and hand signals. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team receives a recovery mission.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Verify procedures while performing tracked recovery operations.
2. Perform Preventive Maintenance Checks and Services (PMCS).
 - a. Identify what TM to use.
 - b. Follow procedures outlined in TM.
 - c. Annotate any deficiencies on appropriate forms.
 - d. Ensure forms are in accordance with DA Pamphlet 738-751 and DA Pamphlet 750-8.

3. Start engine.
 - a. Ensure vehicle parking brake is engaged.
 - b. Check instrument panel to ensure gauges are operational.
 - c. Follow start up procedures outlined in TM.
4. Place vehicle in motion.
 - a. Disengage parking brake.
 - b. Follow safety procedures outlined in motor pool.
 - c. Ensure ground guides are used, if required.
5. Drive vehicle, maintaining proper engine speed when descending and ascending grades.
 - a. Follow vehicle operating instructions, while maintaining proper engine speed, when descending and ascending grades.
 - b. Verify vehicle operating instructions, while maintaining proper engine speed, when descending and ascending grades.
6. Drive vehicle in reverse.
 - a. Ensure ground guide is used.
 - b. Maintain proper speed while vehicle is in reverse.
7. Stop vehicle.
 - a. Follow safety guidelines outlined in motor pool.
 - b. Carefully bring the vehicle to a stop, while adhering to safe driving habits.
8. Parking vehicle.
 - a. Ensure proper ground guides are used.
 - b. Ensure there is enough clearance from other vehicles.
9. Stop engine (normal and emergency procedures).

- a. Follow guidelines outlined in TM for proper stopping procedures.
 - b. Ensure parking brake is engaged.
 - c. Ensure vehicle is chock blocked.
 - d. Perform an after-operations PMCS.
10. Complete TAMMS forms, as required.
- a. Annotate any deficiencies on appropriate forms.
 - b. Ensure parts are ordered, if needed.
 - c. Turn forms into Unit Level Logistics System (ULLS) clerk.
11. Follow prescribed safety procedures.
- a. Follow safety procedures outlined in TM.
 - b. Follow safety procedures outlined in unit standing operating procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Performed Preventive Maintenance Checks and Services (PMCS).	_____	_____
3 Started engine.	_____	_____
4 Placed vehicle in motion.	_____	_____
5 Drove vehicle, maintaining proper engine speed when descending and ascending grades.	_____	_____
6 Drove vehicle in reverse.	_____	_____
7 Stopped vehicle.	_____	_____
8 Parked vehicle.	_____	_____
9 Stopped engine (normal and emergency procedures).	_____	_____

10 Completed TAMMS forms, as required.

11 Followed prescribed safety procedures.

Evaluation Guidance: None

References Required

TM 9-2350-256-10

TM 9-2350-292-10

TM 9-2350-256-13&P

091-H8T-2025
Operate Auxiliary Power Unit (APU) on a Tracked Recovery Vehicle

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P, TM 9 2350-292-10 and other applicable publications. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Operate the Auxiliary Power Unit (APU) and Basic Issue Items (BII) powered by the APU in accordance with the procedures in TM 9-2350-256-10 and TM 9-2350-292-10 without damage to the equipment. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is given a mission to operate the M88 Auxiliary systems.

Note: Because a task may support various skills, knowledge or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Follow steps outlined in TM pertaining to APU procedures.
2. Start APU.
 - a. Follow APU start up procedures outlined in TM.
 - b. Operate APU in accordance with applicable specifications.
 - c. Ensure BII is operable without damage to APU.
3. Actuate generator switch to charge batteries.

- a. Follow procedures outlined in TM.
 - b. Verify procedures while actuated generator switch to charge batteries.
4. Engage hydraulic control levers to start refuel/defuel pump.
 - a. Follow procedures outlined within TM.
 - b. Verify procedures while performing refueling/refueling operations.
 5. Connect and operate hydraulic equipment.
 - a. Ensure all steps are followed in accordance with TM.
 - b. Verify connection while operating hydraulic equipment.
 6. Shut down APU.
 - a. Ensure shutdown procedures are in accordance with TM.
 - b. Perform Preventive Maintenance Checks and Services (PMCS) while applying shutdown procedures.
 7. Follow prescribed safety procedures.
 - a. Follow safety procedures outlined in TM.
 - b. Follow safety procedures outlined in unit standing operating procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Started APU.	_____	_____
3 Actuated generator switch to charge batteries.	_____	_____
4 Engaged hydraulic control levers to start refuel/defuel pump.	_____	_____
5 Connected and operated hydraulic equipment.	_____	_____
6 Shut down APU.	_____	_____

7 Followed prescribed safety procedures. _____

Evaluation Guidance: None

References Required

TM 9-2350-256-10

TM 9-2350-256-13&P

091-H8T-2026
Operate Recovery Systems on a Tracked Recovery Vehicle

Conditions: In an operational environment (OE) given a representative tracked vehicle M88A1 or M88A2 Recovery Tracked Vehicle, required materials, general mechanic's tool kit, and applicable publications including Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P and TM 9-2350-292-10. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Operate the M88 hydraulic system to operate the boom on the M88A1/M88A2 tracked recovery vehicle in accordance with the procedures in TM 9-2350-256-10 or TM 9-2350-292-10. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle team is tasked to operate the M88 boom and perform rigging techniques.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Verify procedures while performing Boom, Hoist, and Winch operations.
2. Prepare vehicle for use of hydraulic equipment.
 - a. Ensure appropriate basic issue items (BII) is used.
 - b. Follow procedures outlined in TM.
 - c. Disconnect any lines and fittings connecting equipment.
 - d. Ensure appropriate equipment is hooked up.

3. Operate boom.
 - a. Follow steps outlined in TM.
 - b. Check equipment for any leaks.
4. Operate hoist winch.
 - a. Ensure all connections are hooked up properly.
 - b. Verify procedures while performing hoist and winch operations.
 - c. Check equipment for any leaks.
5. Secure hydraulic equipment, as required.
 - a. Ensure all equipment is properly secured.
 - b. Ensure area is cleaned in accordance with Environmental Protection Agency (EPA) regulations.
6. Follow prescribed safety procedures.
 - a. Follow safety procedures outlined in motor pool.
 - b. Ensure to follow all safety guidance outlined with Standing Operating Procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Prepared vehicle for use of hydraulic equipment.	_____	_____
3 Operated boom.	_____	_____
4 Operated hoist winch.	_____	_____
5 Secured hydraulic equipment, as required.	_____	_____
6 Followed prescribed safety procedures.	_____	_____

Evaluation Guidance: None

References Required

TM 9-2350-256-10

TM 9-2350-292-10

TM 9-2350-256-13&P

091-H8T-2027
Recover a Mired Tracked Vehicle

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 and A2 Recovery Tracked Vehicle, required materials, general mechanic's tool kit, and applicable publications including Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P. Note: If representative equipment is not available, use applicable equipment and associated references

Standards: Accomplish task in accordance with applicable TM's procedures and specifications. All safety precautions were observed. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is tasked to recover a mired tracked vehicle.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify which TM will be used.
 - b. Followed steps outlined in TM.
2. Determine method of rigging.
 - a. Follow steps outlined in TM.
 - b. Ensure rigging lines are not defected.
3. Attach cable to the mired vehicle.
 - a. Follow safety precautions outlined in TM.
 - b. Ensure all observing personnel are at least one cable length away, opposite angle of pull.

4. Prepare recovery vehicle for recovery operations.
 - a. Ensure parking brake is not engaged.
 - b. Inspect tackle and equipment before recovery operation starts.
5. Establish communications between vehicles.
 - a. Observe ground guide while operating recovery equipment.
 - b. Ensure proper speed limit is followed.
6. Recover mired vehicle ensuring that all safety practices were followed.
 - a. Ensure proper safety equipment is used.
 - b. Ensure proper hand signals are used during recovery.
7. Secure recovery equipment.
 - a. Disconnect and stow rigging equipment.
 - b. Perform after-operations preventive maintenance checks and services (PMCS).
 - c. Annotate any deficiencies on appropriate forms, if needed.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Determined method of rigging.	_____	_____
3 Attached cables to the mired vehicle.	_____	_____
4 Prepared recovery vehicle for recovery operations.	_____	_____
5 Established communications between vehicles.	_____	_____
6 Recovered mired vehicle ensuring that all safety practices were followed.	_____	_____
7 Secured recovery equipment.	_____	_____

Evaluation Guidance: None

References Required

TM 9-2350-256-10

TM 9-2350-256-13&P

TM 9-2350-292-10

091-H8T-2028
Recover an Overturned Tracked Vehicle

Conditions: In an operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P and related references. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Recover the vehicle from the overturned position in accordance with applicable technical publications. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is tasked to recover an overturned tracked vehicle.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Follow steps outlined in TM.
2. Position recovery vehicle.
 - a. Follow vehicle operating instructions outlined in TM.
 - b. Carefully position recovery vehicle while adhering to safe driving habits.
3. Attach cable to the overturned vehicle.
 - a. Ensure proper safety equipment is used.
 - b. Inspect cable for broken strands or kinks.

- c. Remove any loops from cable while it is slack.
- d. Ensure shackles and pins are properly secured.
- 4. Prepare recover vehicle for recovery operations.
 - a. Ensure recovery vehicle is upright.
 - b. Set up recovery controls.
- 5. Establish communication with ground guide.
 - a. Use proper hand signals.
 - b. Keep contact with ground guide at all times.
- 6. Recover overturned vehicle, ensuring that all safety practices are followed.
 - a. Ensure all observing personnel are out of area of projection.
 - b. Follow overturned vehicle operating instructions outlined in TM.
- 7. Secure recovery equipment.
 - a. Follow procedures outlined in TM.
 - b. Disconnect and stow rigging equipment.
 - c. Perform after-operations preventive maintenance checks and services (PMCS).
 - d. Annotate any deficiencies on appropriate forms, if needed.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Positioned recovery vehicle.	_____	_____
3 Attached cables to the overturned vehicle.	_____	_____
4 Prepared recovery vehicle for recovery operations.	_____	_____

- 5 Established communications with ground guide. _____
- 6 Recovered overturned vehicle, ensuring that all safety practices were followed. _____
- 7 Secured recovery equipment. _____

Evaluation Guidance: None

References Required

TM 9-2350-256-10
TM 9-2350-256-13&P

091-H8T-2029
Perform Towing Procedures Using a Tracked Recovery Vehicle on Improved/Highway Surface

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P, TM 3-34.86 and related references. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Perform towing procedures using a tracked recovery tracked vehicle on improved or highway surface, lift and tow a disabled vehicle in accordance with applicable technical publications, procedures, and specifications. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is tasked to tow a tracked vehicle.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensured appropriate TM is used.
 - b. Followed steps outlined in TM.
2. Determine method for towing.
 - a. Follow steps outlined in TM.
 - b. Ensure appropriate Basic Issue Items (BII) and Test, Measurement, and Diagnostic Equipment (TMDE) are used.
3. Prepare vehicle for towing.

- a. Ensure parking brake is disengaged.
 - b. Estimate the situation to determine resistance.
 - c. Compute the total resistance.
4. Hook up vehicle for towing.
 - a. Ensure appropriate hook up devices are used.
 - b. Verify procedures while securing hook attachment to disabled vehicle.
5. Follow prescribed safety procedures.
 - a. Follow safety procedures outlined in TM.
 - b. Ensure safety equipment is used.
6. Establish communication between vehicles.
 - a. Observe ground guide while operating vehicle and equipment.
 - b. Ensure proper speed limit is followed.
7. Tow vehicle to predetermined site.
 - a. Maintain proper speed limit.
 - b. Ensure emergency equipment and tow lights are operable.
8. Disconnect vehicle.
 - a. Ensure parking brake is engaged.
 - b. Disconnect emergency equipment and tow lights.
 - c. Store equipment.
 - d. Conduct after-operations preventive maintenance checks and services (PMCS).
 - e. Annotate any deficiencies on appropriate paperwork, if needed.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Determined method for towing.	_____	_____
3 Prepared vehicle for towing.	_____	_____
4 Hooked up vehicle for towing.	_____	_____
5 Followed prescribed safety procedures.	_____	_____
6 Established communications between vehicles.	_____	_____
7 Towed vehicle to predetermined site.	_____	_____
8 Disconnected vehicle.	_____	_____

Evaluation Guidance: None

References Required

- TM 3-34.86
- TM 9-2350-256-10
- TM 9-2350-256-13&P

091-H8T-2030**Perform Cross Country Towing Using a Tracked Recovery Vehicle**

Conditions: In a operational environment (OE) given a representative tracked vehicle M88A1 or M88A2, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-13&P, TM 3-34.86 and related references. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Tow a disabled vehicle to a predetermined location without causing damage to the equipment or injury to personnel in accordance with applicable publications. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is tasked to perform cross country towing procedures.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Ensure appropriate TM is used.
 - b. Verify procedures while performing cross country towing of a tracked vehicle.
2. Follow prescribed safety procedures.
 - a. Follow prescribed safety procedures outlined in TM.
 - b. Follow safety guidelines for specified terrain.
3. Position recovery vehicle.
 - a. Ensure ground guide is used.

- b. Carefully position recovery vehicle while adhering to safe driving habits.
4. Prepare recovery vehicle for towing.
 - a. Ensure parking brake is not engaged.
 - b. Follow vehicle towing operating instructions outlined in TM.
 - c. Use applicable shackles and recovery equipment.
 - d. Estimate the situation and load resistance.
5. Prepare recovery vehicle for towing operation.
 - a. Ensure appropriate hook up devices are used.
 - b. Follow vehicle towing operating instructions outlined in TM.
6. Attach towing bar to disabled vehicle.
 - a. Inspect towing equipment for missing parts.
 - b. Ensure appropriate tow equipment is used.
7. Operate boom.
 - a. Ensure all personnel are out of area of projection.
 - b. Follow vehicle boom operating instructions outlined in TM.
8. Tow disabled vehicle.
 - a. Ensure no objects are under or around vehicle.
 - b. Maintain appropriate speed while towing vehicle.
9. Disconnect towed vehicle.
 - a. Ensure all safety precautions are used when disconnecting tow equipment.
 - b. Ensure parking brake is engaged on vehicle.
 - c. Conduct after-operations preventive maintenance checks and services (PMCS).
 - d. Annotate any deficiencies on appropriate paperwork, if needed.

10. Secure recovery equipment.

- a. Store all recovery equipment in appropriate basic issue items (BII) storage.
- b. Ensure all equipment is cleaned before storing.
- c. Ensure all recovery equipment is accounted for.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Followed prescribed safety procedures.	_____	_____
3 Positioned recovery vehicle.	_____	_____
4 Prepared vehicle for towing.	_____	_____
5 Prepared recovery vehicle for towing operation.	_____	_____
6 Attached towing bar to disabled vehicle.	_____	_____
7 Operated boom.	_____	_____
8 Towed disabled vehicle.	_____	_____
9 Disconnected towed vehicle.	_____	_____
10 Secured recovery equipment.	_____	_____

Evaluation Guidance: None

References Required

- TM 3-34.86
- TM 9-2350-256-10
- TM 9-2350-256-13&P

091-H8T-2031
Complete Field Expedient Recovery on a Tracked Vehicle

Conditions: In an operational environment (OE) given a representative tracked vehicle M88A1 or M88A2 Recovery Tracked Vehicle, required materials, general mechanic's tool kit, Technical Manual (TM) 9-2350-256-10, TM 9-2350-256-13&P and related references. Note: If representative equipment is not available, use applicable equipment and associated references.

Standards: Recover the vehicle using self/field expedient procedures in accordance with applicable technical publications. When this task is complete, the vehicle is fully mission capable or maintenance actions required to be performed by other than H8 skill levels (SLs) 1 and 2 personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Your tracked vehicle recovery team is tasked to perform a field expedient recovery

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Select and use applicable publications.
 - a. Identify which TM is used.
 - b. Follow steps outlined in TM.
2. Determine method of field expedient recovery.
 - a. Diagnose vehicle malfunction to determine action to be performed.
 - b. Verify proper tools are available to perform action.
3. Prepare vehicle for field expedient recovery, as required.
 - a. Ensure all safety precautions are used.

- b. Verify procedures while preparing vehicle for field expedient recovery.
- 4. Perform vehicle field expedient recovery.
 - a. Obtain proper resistance.
 - b. Check all rigging equipment.
 - c. Coordinate with maintenance support team (MST) to provide technical assistance.
 - d. Ensure all maintenance forms are filled out.
- 5. Secure recovery equipment.
 - a. Disconnect recovery equipment.
 - b. Verify procedures while securing recovery equipment.
 - c. Ensure all recovery equipment is accounted for.
- 6. Follow prescribed safety procedures.
 - a. Follow all safety procedures outlined in TM.
 - b. Follow all safety procedures outlined in unit standing operating procedure (SOP).

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Selected and used applicable publications.	_____	_____
2 Determined method of field expedient recovery.	_____	_____
3 Prepared vehicle for field expedient recovery, as required.	_____	_____
4 Performed vehicle field expedient recovery.	_____	_____
5 Secured recovery equipment.	_____	_____
6 Followed prescribed safety procedures.	_____	_____

Evaluation Guidance: None

References Required

TM 9-2350-256-10

TM 9-2350-256-13&P

Skill Level SL3
Subject Area 3: COMMON LOGISTIC TASKS

091-LCST-3001
Apply Critical Thinking as a Junior Leader

Conditions: Given a problem set, ATP 2-33.4 and references relevant to the problem. As a Section Sergeant prepare a Platoon level briefing based on the Eight Elements of Thought.

Standards: Define a solution to the given problem using the eight elements of thought as identified in paragraph 2-7, ATP 2-33.4 with a score between 7-9, using the scoring guide for critical thinking. Include information, assumptions and viewpoints relevant and significant to the problem. Provide an outline on paper to show all steps.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Use the 8 Elements of Thought to solve the identified problem.

Note: None

Performance Steps

1. Express the purpose clearly.
 - a. Distinguish the purpose from similar purposes.
 - b. Check regularly to ensure the analysis is still on target.
 - c. Choose meaningful and realistic purposes.
2. Identify the fundamental question.
 - a. State the question at issue clearly and precisely.
 - b. Express the question in several ways to clarify its meaning and scope.
 - c. Break the question down into sub questions.
 - d. Determine if the question has only one correct answer; decide if it is a fact or an assumption; assess whether it requires reasoning from more than one point of view.

3. State assumptions.
 - a. Identify assumptions and determine if they are justifiable.
 - b. Consider how assumptions are forming the point of view.
 - c. Ensure the facts are true.
 - d. Verify facts with multiple sources if possible.
4. Identify a point of view.
 - a. Evaluate other points of view and identify strengths and weaknesses.
 - b. Strive to be open-minded in evaluating all points of view.
5. Reason using raw data and information.
 - a. Restrict claims to those supported by the data.
 - b. Search for information that opposes the position as well as information that supports it.
 - c. Make sure that all information used is clear, accurate, and relevant to the question at hand.
 - d. Make sure sufficient information is collected.
6. Form reasoning using concepts and ideas.
 - a. Identify key concepts and explain them logically.
 - b. Consider alternative concepts or alternative definitions to concepts.
 - c. Develop ideas clearly and precisely
7. Infer only what the information implies.
 - a. Confirm assumptions which lead to inferences.
 - b. Verify inferences for their consistency with each other.
8. Trace the implications and consequences that follow from reasoning.
 - a. Search for negative and positive implications.

b. Consider all possible consequences.

9. Resolve solution using the eight elements of thought.

Evaluation Preparation: Ensure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Expressed the purpose clearly.	_____	_____
2 Identified the fundamental question.	_____	_____
3 Stated assumptions.	_____	_____
4 Identified a point of view.	_____	_____
5 Reasoned using raw data and information.	_____	_____
6 Formed reasoning using concepts and ideas.	_____	_____
7 Inferred only what the information implied.	_____	_____
8 Traced the implications and consequences that followed from reasoning.	_____	_____
9 Resolved the solution using the eight elements of thought.	_____	_____

Evaluation Guidance: Score the Soldier a GO if all Performance Measures were passed. Score the Soldier a NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

ATP 2-33.4

091-LCST-3003
Manage Administrative Procedures at the Platoon Level

Conditions: In an operational environment, while assigned as a Platoon Sergeant, or in a supervisor position. Given a platoon or section to manage, AR 25-1, AR 350-1, AR 600-9, AR 623-3, TC 21-305-100, TC 21-305-7, TC 7-22.7, a computer and access to government information systems.

Standards: Consolidate key information on each assigned Soldier within your Platoon. Some of the topics that you should include within your administrative Tracking System (spread sheet) are individual Army Physical Fitness Test APFT score, Non-Commissioned Officer Evaluation Reporting dates, Military Education School completed and or Civilian education just to name a few subject areas. All information consolidated on assigned Soldiers will be safe guarded in accordance within local Standing Operating Procedure (SOP) and Army policies with handling Personally Identifiable Information (PII).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as Platoon Sergeant and you must organize and manage platoon personnel.

Note: None

Performance Steps

1. Develop a paper draft administrative data worksheet to be used in tracking platoon or section personnel subject areas.
2. Review the Army policies on personally identifiable information (PII) usage.
3. Develop a digital spreadsheet version of your platoon or section personnel data worksheet. Some areas to consider including within your spreadsheets are listed below.
 - a. Ensure Soldier is compliance within standards listed within AR 600-8 for weight control.
 - b. Army Physical Fitness Test (APFT) score and date.
 - c. MED PRO's.

(1) Dental Data current.

(2) Periodic Health Assessment (PHA) Form DD2766.

d. License (as required)

e. Non-Commissioned Officer Evaluation Reporting (NCOER).

(1) Counseling dates.

(2) Date of last NCOER.

f. Training

(1) Military Education School completed (WLC, ALC, SSD1, Common Core, SLC, SSD3...)

(2) Civilian Education Completed.

(3) Review American Counsel Education (ACE) credits given for completed training.

g. Qualifications (if required)

Evaluation Preparation: Ensure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Developed a paper draft administrative data worksheet to be used in tracking platoon or section personnel subject areas.	_____	_____
2 Reviewed the Army policies on personally identifiable information (PII) usage.	_____	_____
3 Developed a digital spreadsheet version of your platoon or section personnel data worksheet. Some areas to consider including within your spreadsheets are listed below.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

AR 25-1
AR 350-1
AR 600-9
AR 623-3
TC 21-305-100
TC 21-305-7
TC 7-22.7

091-LCST-3004
Manage Training program at the Platoon Level

Conditions: In an operational environment, while assigned as a Platoon Sergeant, or in a supervisor position. Given a platoon or section to manage, ADP 6-22, ADP 7-0, a computer and access to government information systems.

Standards: Manage a Training Program that encompasses 100% of all required information, in accordance with local SOP. The steps in this task may be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as Platoon Sergeant and you must organize and manage platoon personnel.

Note: None

Performance Steps

1. Identify training requirements.
2. Evaluate current training status (T, P, U).
3. Develop a training plan/schedule.
4. Provide assessment on key individual tasks conducted.
5. Observe and receives feedback from squad leader on status of individual training.
6. Ensures individual training supports company collective tasks.
7. Briefs status of specific essential pre-execution checks. (if required)

Evaluation Preparation: Ensure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

- | | GO | NO GO |
|-------------------------------------|-------|-------|
| 1 Identified training requirements. | _____ | _____ |

- 2 Evaluated current training status (T, P, or U) _____
- 3 Developed a training plan or schedule. _____
- 4 Provided assessment on key individual tasks conducted. _____
- 5 Observed and received feedback from squad leader on status of individual training. _____
- 6 Ensured individual training supported company collective tasks. _____
- 7 Briefed status of specific essential pre-execution checks. (if required) _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- ADP 6-22
- ADP 7-0

091-LCST-3005
Maintain Hand Receipts

Conditions: In an operational environment, while assigned as a Platoon Sergeant, or in a supervisor position. Given a copy of the platoon or section hand receipt, AR 710-2, local Standard Operating Procedure (SOP), a computer and access to government information systems, conduct the inventory. Standard MOPP conditions do not exist for this task.

Standards: Maintain hand receipts with 100% accuracy in accordance with AR 710-2. The steps in this task must be performed in sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are tasked to maintain a hand receipts.

Note: None

Performance Steps

1. Conduct inventory.
2. Manage shortage annex.
3. Sub hand receipt equipment.
4. Conduct turn-in procedures.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Conducted inventory.	_____	_____
2 Managed shortage annex.	_____	_____
3 Sub hand receipted equipment.	_____	_____
4 Conducted turn-in procedures.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

AR 710-2

091-LCST-3007
Conduct a Military Briefing

Conditions: In an operational environment given the requirement conduct a military type briefing on a given topic in accordance with ADP 5-0.

Standards: Conduct a military brief that will last between 5 to 7 minutes and arrange main idea in logical sequence. Prepare, perform and formulate the military briefing in accordance with Performance Measures. The steps in this task must be performed in sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are tasked to conduct a military briefing.

Note: None

Performance Steps

1. Analyze the situation.
2. Construct the briefing.
 - a. Research.
 - b. Organize.
 - c. Draft.
3. Conduct a practice briefing with others observing.
 - a. Revise briefing. (if required)
 - b. Conduct more rehearsals after making changes to briefing content. (if required)
4. Deliver the briefing.
5. Follow Up.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Analyzed the Situation.	_____	_____
2 Constructed the Briefing.	_____	_____
3 Solider presented the selected military briefing topic.	_____	_____
4 Delivered briefing.	_____	_____
5 Presenter followed up by requesting feedback from observers.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

ADP 5-0

091-MCST-3001
Develop a Battle Damage Recovery Plan

Conditions: In an operational environment, while assigned as Senior Maintenance NCO or in a supervisor position on a maintenance team (Contact Repair Team (CRT), Maintenance Support Team (MST), etc.). Given a requirement to provide a recovery or support mission, a list of organic/non-organic recovery or maintenance support assets, recovery or support team.

Standards: Develop a Recovery and Battle Damage Assessment and Repair (BDAR) Plan that will result in effective and efficient use of resources with no additional damage to equipment or injury to personnel.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are tasked to develop a battle damage recovery plan.

Note: None

Performance Steps

1. Identify types of equipment for which the Battle Damage Recovery mission supports.
2. Identify which MOS or MOS's required to perform the mission.
3. Select applicable publications, tools and repair parts requirements for the mission.
4. Asses terrain to mission using a map.
5. Layout primary and secondary routes to and from mission site.
6. Identify security and escort element: (as required)
7. Determine organic/non-organic recovery capabilities.
8. Determine capabilities and characteristics of equipment to be recovered.
9. Determine capabilities and characteristics of equipment to use for recovery.
10. Determine course of actions.
11. Finalize plan.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Identified the types of equipment for which the Battle Damage and Recovery mission supports.	_____	_____
2 Identified which MOS or MOS's required to perform the mission.	_____	_____
3 Selected applicable publications, tools and repair parts requirements for the mission.	_____	_____
4 Assessed terrain to mission using a map.	_____	_____
5 Laid out primary and secondary routes to and from mission site.	_____	_____
6 Identified security and escort element (as required)	_____	_____
7 Determined organic/non-organic recovery capabilities.	_____	_____
8 Determined capabilities and characteristics of equipment to be recovered.	_____	_____
9 Determined capabilities and characteristics of equipment to use for recovery.	_____	_____
10 Determined course of actions.	_____	_____
11 Finalized plan.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

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091-MCST-3002
Supervise Essential Army Maintenance Management Programs

Conditions: While assigned as Senior Maintenance NCO or in a supervisor position on a maintenance team in a Field Maintenance Company (FMC) or Forward Support Company (FSC) responsible for various maintenance shops programs such as its safety, physical security, Test, Measurement, and Diagnostic Equipment (TMDE), and while performing two-level maintenance in an operational environment. Given Commanders guidance, assigned maintenance personnel, access to Global Combat Support System-Army (GCSS) to manage maintenance processes, AR 190-11, AR 190-13, ATP 4-33, EM 0090.

Standards: Supervise Safety Program, Physical Security, TMDE, personnel and apply GSS-Army to effectively and efficiently manage the Unit's equipment and resources without causing injuries to personnel or damage to equipment.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as the Senior Maintenance NCO in an FSC.

Note: None

Performance Steps

1. Review current programs.
 - a. Check current Regulations.
 - b. Check current Policies.
 - c. Check current SOPs.
2. Revise as necessary.
 - a. Submit propose changes for review.
 - b. Submit changes for approval.
3. Execute new policy/policies.
4. Ensure compliance.

5. Continue to evaluate for changes and modify as needed.

Evaluation Preparation: Be sure all equipment and specials tools are available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Current programs reviewed.	_____	_____
2 Revisions completed.	_____	_____
3 New policy/policies executed	_____	_____
4 Compliance ensured.	_____	_____
5 Continue to evaluate for changes and modify as needed.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- AR 190-11
- AR 190-13
- ATP 4-33
- EM 0090

091-MCST-3003
Supervise Maintenance Workload

Conditions: In an operational environment while assigned as Senior Maintenance NCO or in a supervisor position on a maintenance team in a Field Maintenance Company (FMC) or Forward Support Company (FSC) performing two-level maintenance. You are given the requirement of assigning priority of work, supervising the work-order processing, service schedules, managing man hours, and Prescribed Load List (PLL) and Shop Stock Listing (SSL), required maintenance forms, DA PAM 710-2-1, notebook, computer with SAMS-1E/GCSS-Army software application loaded on it, and SAMS-1E/GCSS-Army end user's manual.

Standards: Supervise the maintenance workload by using priority to determine and accurately input appropriate service schedule, manage man hours and properly set up and manage the Prescribed Load List by ensuring all information is input into SAMS-1E / GCSS-Army.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as the Senior Maintenance NCO in an FSC.

Note: None

Performance Steps

1. Pull new maintenance reports.
2. Compare old and new reports to ensure all work orders are in the correct status. Correct maintenance reports (if required).
3. Pull new reports, required forms and other documents from SAMS-1E/GCSS-Army system.
4. Interpret reports according to Regulations and Manuals.
5. Assign work to clerks in accordance with equipment priority status.
6. Use 10 and 20 Maintenance manuals or regulations to schedule equipment needing services scheduled.
7. Use DA PAM 710-2-1 and SAMS-1E/GCSS-Army to establish a Prescribed Load List and Shop Stock Listing based on low cost Class IX items used within the shop.

8. Review workers maintenance forms within the work package for completeness.
9. Ensure work orders status changes are annotated on your printout copies and review next generated shop report for accuracy.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Pulled new maintenance reports.	_____	_____
2 Compared old and new reports to ensure all work orders are in the correct status. Corrected maintenance reports (if required).	_____	_____
3 Pulled new reports, required forms and other documents from SAMS-1E/GCSS-Army system.	_____	_____
4 Reports interpreted according to Regulations and Manuals.	_____	_____
5 Assigned work to clerks in accordance with equipment priority status.	_____	_____
6 Used 10 and 20 maintenance manuals or regulations to schedule equipment needing services scheduled.	_____	_____
7 DA PAM 710-2-1 and SAMS-1E/GCSS-Army used to establish a Prescribed Load List and Shop Stock Listing. Based on low cost Class IX items used within the shop.	_____	_____
8 Reviewed workers maintenance forms within the work package for completeness.	_____	_____
9 Ensured work orders status changes are annotated on your printout copies and reviewed next generated shop report for accuracy.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

DA PAM 710-2-1

091-MCST-3004
Develop a Maintenance Standing Operating Procedure (SOP)

Conditions: In a operational environment (OE), given the unit's old Standard Operating Procedure (SOP), Army Regulation (AR) 750-1, Department of the Army (DA) Pamphlet 750-3, Army Techniques Publication(ATP) 4-33, Army Doctrine Publication (ADP) 5-0, and Training Circular (TC) 43-4 and all other required publications. This task can be performed in a field or garrison environment.

Standards: Develop Standard Operating Procedures (SOPs) to an approved standard without loss of effectiveness to the unit and is accepted by the approving authority in accordance with applicable references without error.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Develop a Maintenance SOP

Note: None

Performance Steps

1. Develop a new SOP.
 - a. Purpose
 - b. Scope
 - c. Organization
 - d. Responsibility
 - e. Conformity
 - f. References
 - g. Annexes as required
2. Review format and contents within the SOP for updating according to guidance given.
 - a. Personnel administration

- b. Security
 - c. Security and intelligence
 - d. Area security
 - e. Physical security of weapons and property
 - f. Safety program
 - g. Maintenance operations
 - h. Management of hand receipts
 - i. Standard warnings
 - j. Alert procedures
 - k. Chemical, biological, radiological, nuclear (CBRN) warfare
 - l. Defense against nuclear attack
 - m. Logistics
 - n. Motor pool operations
 - o. Motor movement and traffic control
 - p. Tactical operations
3. Ensure that all references used are current.
 4. Process the draft SOP through your supervisor/commander for comments.
 5. Implement changes identified by your supervisor/commander during their review process.
 6. Staff the final draft SOP with your supervisor/commander for approval.
 7. Issue all end users a copy of the new SOP.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Developed a new SOP.	_____	_____
2 Reviewed format and contents within the SOP for updating according to guidance given.	_____	_____
3 Ensured references used are current.	_____	_____
4 Processed the draft SOP through your supervisor/ commander for comments.	_____	_____
5 Implemented changes identified by your supervisor/ commander during their review process.	_____	_____
6 Staffed the final draft SOP with your supervisor/ commander for approval.	_____	_____
7 Issued all end users a copy of new SOP.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- ADP 5-0
- AR 750-1
- ATP 4-33
- DA PAM 750-3
- TC 43.4

Skill Level SL3
Subject Area 4: TECHNICAL TASKS

091-91H-3142

Supervise the Maintenance of an Automatic Transmission on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with a transmission fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407 Maintenance Request, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standards: Supervise the repair or replacement of defective component and that vehicle is returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having an automatic transmission system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Automatic Transmission Operation and schematics/wiring diagrams to isolate faults not resolved by subordinate.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is fully mission-capable.

- a. Conduct a Quality Assurance inspection on the repaired item.
- b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3143**Supervise the Maintenance on Electrical Circuits on a Track Vehicle**

Conditions: In a contemporary operational environment given a tracked vehicle, necessary tools and test equipment, replacement parts if needed, and other applicable references including Department of the Army (DA) Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 5988-E (Equipment Maintenance and Inspection Worksheet), Army regulation (AR) 385-10, Department of the Army Pamphlet (DA PAM) 750-8, Army Techniques Publication (ATP) 4-33, Technical Manual (TM) 9-2350-277-13&P, TM 9-2815-219-34, TM 9-2815-220-24 and TM 9-2815-242-34.

Standards: Supervise diagnostics on a selected tracked vehicle in accordance with applicable technical publications procedures and specifications. When this task is complete, the vehicle is fully mission capable or required maintenance actions to be performed by other than 91H personnel has been identified.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having an electrical system fault.

Note: Because a task may support various skills, knowledge's or another task, the lesson link could show multiple lessons. Equipment identified at the task may not reflect what is required at formal training environment.

Performance Steps

1. Review work request.
 - a. Ensure correct vehicle is on appropriate form.
 - b. Ensure correct deficiency is annotated on DA Form 2404 and DA Form 5988-E.
 - c. Ensure work is within shop capability.
2. Perform initial inspection.
 - a. Identify correct TM for specified job.
 - b. Follow steps outlined in TM.
 - c. Annotate any deficiencies on appropriate forms.

3. Ensure proper tools are available to inspect, repair/replace and test electrical circuit.
 - a. Use tools designed for specified job.
 - b. Ensure tools are serviceable.
4. Practice shop safety and maintenance discipline.
 - a. Follow steps outlined in TM.
 - b. Ensure proper safety equipment is used, if required.
 - c. Follow guidelines outlined in motor pool.
5. Diagnose electrical circuit and determine maintenance actions to be performed.
 - a. Follow steps outlined in TM.
 - b. Ensure proper test equipment is used.
6. Identify and requisition repair parts, if required.
 - a. Replace any broken part that is not on hand.
 - b. Order any part that is not on hand on appropriate form.
 - c. Tag and label any unserviceable part for turn-in.
7. Perform final inspection of electrical circuit.
 - a. Conduct an after preventive maintenance checks and services (PMCS).
 - b. Ensure all components are connected properly.
8. Maintain tools and equipment.
 - a. Ensure all tools are accounted for.
 - b. Ensure all tools and equipment are cleaned.
 - c. Turned in any broken tools.
9. Complete DA Form 5988-E, as required.
 - a. Annotate any faults corrected, as required.

- b. Ensure supervisor signs in appropriate block.
- c. Ensure paperwork is turned in to Unit Level Logistics System (ULLS) clerk.

Evaluation Preparation: None

Performance Measures

	GO	NO GO
1 Reviewed work request.	_____	_____
2 Performed initial inspection.	_____	_____
3 Ensured proper tools were available to inspect, repair/ replaced and test electrical circuit.	_____	_____
4 Practiced shop safety and maintenance discipline.	_____	_____
5 Diagnosed electrical circuit and determined maintenance actions to be performed.	_____	_____
6 Identified and requisitioned repair parts, if required.	_____	_____
7 Performed final inspection of electrical circuit.	_____	_____
8 Maintained tools and equipment.	_____	_____
9 Completed DA Form 5988-E, as required.	_____	_____

Evaluation Guidance: None

References Required

AR 385-10,
DA PAM 750-8
ATP 4-33
TM 9-2350-277-13&P
TM 9-2815-220-24
TM 9-2815-242-34
TM 9-2920-225-34

Referenced Forms

DA Form 2404
DA Form 5988-E

091-91H-3144

Supervise the Maintenance of a Hydraulic System on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with a hydraulic system fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publication (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standards: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having a hydraulic system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation and the understanding of a hydraulic system to isolate faults not resolved by subordinate.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3145

Supervise the Repair of the Power Distribution System on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with an electrical fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standards: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having an electrical system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation and schematics/wiring diagrams to isolate faults not resolved by subordinate.
3. Verify subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Verified subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3146
Supervise the Maintenance on a Diesel Engine

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with an engine fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standards: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having an engine fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation on a Diesel Engine to isolate faults not resolved by subordinate.
3. Verify subordinate repair/replace and test diesel engine.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Verified subordinate repaired/replaced and tested diesel engines.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10

ATP 4-33

Referenced Forms

DA Form 2404

DA Form 5988-E

DA Form 2407

091-91H-3147

Supervise the Maintenance of the Fuel System on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with a fuel system fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having a fuel system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation of a fuel system to determine maintenance actions to be performed by subordinate.
3. Verify subordinate repair/replace defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Verified subordinate repaired/replaced defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
ATP 4-33,

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3148

Supervise the Maintenance on Steering / Braking System on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with a Steering/Braking System fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having a brake/steering system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation of steering/brake system faults and to isolate faults not resolved by subordinate.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3149

Supervise the Maintenance on the Auxiliary Power Unit (APU) on a Tracked Recovery Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with an Auxiliary Power Unit fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), Maintenance Support Device (MSD), Test Measurement and Diagnostic Equipment (TMDE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as having an APU system fault.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic procedures by conducting function test and annotate any deficiencies on applicable form.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3150
Complete Engine Tune-up Procedures on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with Diesel Engine fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), Maintenance Support Device (MSD), Test Measurement and Diagnostic Equipment (TMDE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Standards: None

Special Equipment: None

Cue: Vehicle is identified as requiring an engine tune up.

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates any defective component during operations.
 - a. Ensure subordinate follows correct tune-up procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Operation and schematics/wiring diagrams to isolate faults not resolved by subordinate.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component during operations.	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly

References Required

AR 385-10
ATP 4-33

Referenced Forms

DA Form 2404
DA Form 5988-E
DA Form 2407

091-91H-3151
Supervise Recovery Operations on a Tracked Vehicle

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise recovery operations on a tracked vehicle, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publications (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), Maintenance Support Device (MSD), Test Measurement and Diagnostic Equipment (TMDE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are required to supervise a tracked vehicle recovery

Note: None

Performance Steps

1. Ensure subordinate makes the assessments on ground.
2. Verify subordinate has assigned personnel to assist in recovery operation.
 - a. Ensure enough qualified personnel are available.
 - b. Apply advanced recovery operation techniques.
3. Supervise subordinate to ensure standard method of rigging is performed.
 - a. Follow steps outlined in TM.
 - b. Ensure parking brake is not engaged.
 - c. Connect emergency equipment and tow lights.
 - d. Connect towed vehicle.

4. Inspect subordinate's work and verify that equipment is full mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Ensured subordinate made the assessments on ground.	_____	_____
2. Verified subordinate has assigned personnel to assist in recovery operation	_____	_____
3. Supervise subordinate's method of rigging	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly

References Required

DA) Form 2404
 DA Form 5988-E
 DA Form 2407
 AR 385-10
 ATP 4-33

091-91H-3152
Supervise Battlefield Damage Assessment and Repair (BDAR)

Conditions: In an operational environment, assigned as a Tracked Vehicle Maintainer, given the responsibility to supervise maintenance on a tracked vehicle with a transmission fault, Department of the Army (DA) Form 2404, DA Form 5988-E, DA Form 2407, Army Regulation (AR) 385-10, Army Techniques Publication (ATP) 4-33, General Mechanic's Tool Kit (GMTK), applicable Special Tools/Test Equipment (STTE), appropriate cleaning and lubricating materials, necessary tools, and repair/replacement parts.

Standard: Supervise the repair or replacement of defective component. The vehicle must be returned to an operational state and meets standards prescribed by the applicable Technical Manual (TM).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are required to supervise BDAR on a tracked vehicle

Note: None

Performance Steps

1. Ensure subordinate verifies the fault.
2. Verify subordinate isolates defective component.
 - a. Ensure subordinate follows correct troubleshooting procedures in accordance with Technical Manual.
 - b. Apply advanced diagnostic techniques employing Theory of Automatic Transmission Operation and schematics/wiring diagrams to isolate faults not resolved by subordinate.
3. Supervise subordinate's repair/replacement of defective component.
4. Inspect subordinate's work and verify that equipment is fully mission-capable.
 - a. Conduct a Quality Assurance inspection on the repaired item.
 - b. Review forms for correctness and completeness.

Evaluation Preparation: Ensure all equipment and specials tools are available before evaluation. All initial set-up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task

Performance Measures

	GO	NO GO
1. Ensured subordinate verified the fault.	_____	_____
2. Verified subordinate isolated defective component.	_____	_____
3. Supervised subordinate's repair/replacement of defective component.	_____	_____
4. Inspected subordinate's work and verified that equipment is full mission-capable.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly

References Required

DA) Form 2404
 DA Form 5988-E
 DA Form 2407
 AR 385-10
 ATP 4-33

Skill Level SL4
Subject Area 5: COMMON LOGISTIC MANAGEMENT TASKS

091-LCST-4001
Apply Critical Thinking as a Senior Leader

Conditions: Given a problem set, ATP 2-33.4, and references relevant to the problem. As a Platoon Sergeant prepare a Company level briefing based on the Eight Elements of Thought.

Standards: Identify a solution to the given problem using the eight elements of thought as identified in paragraph 2-7, ATP 2-33.4 with a score between 7 - 9 using the Scoring Guide for Critical Thinking. Include information, assumptions and viewpoints relevant and significant to the problem. Provide an outline on paper to show all steps.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as a Platoon Sergeant, tasked by the Unit Commander to prepare a briefing using the eight elements of thought to solve a given problem.

Note: None

Performance Steps

1. Express the purpose clearly.
 - a. Distinguish the purpose from similar purposes.
 - b. Check regularly to ensure the analysis is still on target.
 - c. Choose meaningful and realistic purposes.
2. Identify the fundamental question.
 - a. State the question at issue clearly and precisely.
 - b. Express the question in several ways to clarify its meaning and scope.
 - c. Break the question down into sub questions.

d. Determine if the question has only one correct answer; decide if it is a fact or an assumption; assess whether it requires reasoning from more than one point of view.

3. State assumptions.

a. Identify assumptions and determine if they are justifiable.

b. Consider how assumptions are forming the point of view.

c. Ensure the facts are true.

d. Verify facts with multiple sources if possible.

4. Identify a point of view.

a. Evaluate other points of view and identify strengths and weaknesses.

b. Strive to be open-minded in evaluating all points of view.

5. Reason using raw data and information.

a. Restrict claims to those supported by the data.

b. Search for information that opposes the position as well as information that supports it.

c. Make sure that all information used is clear, accurate, and relevant to the question at hand.

d. Make sure sufficient information is collected.

6. Form reasoning using concepts and ideas.

a. Identify key concepts and explain them logically.

b. Consider alternative concepts or alternative definitions to concepts.

c. Develop ideas clearly and precisely.

7. Infer only what the information implies.

a. Confirm assumptions which lead to inferences.

b. Verify inferences for their consistency with each other.

8. Trace the implications and consequences that follow from reasoning.

a. Search for negative and positive implications.

b. Consider all possible consequences.

9. Resolve Solution using the eight elements of thought.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Expressed the purpose clearly.	_____	_____
2 Identified the fundamental question.	_____	_____
3 Stated assumptions.	_____	_____
4 Identified a point of view.	_____	_____
5 Reasoned using raw data and information.	_____	_____
6 Formed reasoning using concepts and ideas.	_____	_____
7 Inferred only what the information implied.	_____	_____
8 Traced the implications and consequences that followed from reasoning.	_____	_____
9 Solution resolved using the eight elements of thought.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

ATP 2-33.4

091-LCST-4003
Manage Administrative Procedures at the Company Level

Conditions: In an operational environment, while assigned as a Company Operations Sergeant, or in a supervisor position. Given a company to manage, AR 27-3 DA FORM 5891 Acknowledgement of Counseling on Legal/Procedural Rights, FM 7-22, TC 3-21.5, a computer and access to Government Information Systems.

Standards: Consolidate key information on each assigned Soldier within your Company. Include the following administrative Tracking System (spread sheet) are: legal actions, separation actions, individuals Army Physical Fitness Test (APFT) score and test date, Unit Rating Scheme for assigned personnel, Military and Civilian Education just to name a few subject areas. All information consolidated on assigned Soldiers will be safe guarded in accordance within local Standing Operating Procedure (SOP) and Army policies with handling personally identifiable information (PII).

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as the Company Operation Sergeant.

Note: None

Performance Steps

1. Monitors unit personnel readiness [(Army Physical Fitness Test (APFT), Height/Weight (HT/WT) and Medical Personnel Records (MEDPROs)].
2. Reviews Noncommissioned Officer Evaluation Reporting System (NCOERS), counseling form and rating scheme.
3. Reviews separations and legal actions.
4. Monitors assigned Soldiers for completing their required Professional Military Education (PME) courses and Civilian education.
5. Establishes the Company Non-Commissioned Officer Development Program (NCODP).
6. Conducts required company level ceremonies.

7. Reviews company level reports [unit manning report (UMR), unit commanders finance report (UCFR), AAA 162, Promotions, Good Conduct Medal (GCM).

8. Manages the units appointed duty rosters.

9. Develop a web based administrative spread sheet with 100% Soldiers information.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1. Monitored personnel readiness (APFT, HT/WT and MEDPRO's)	_____	_____
2 Reviewed NCOERS, counseling form and rating scheme.	_____	_____
3 Reviewed separations and legal actions.	_____	_____
4 Monitored assigned Soldiers for completing their required Professional Military Education (PME) courses and civilian education.	_____	_____
5 Established Company NCO DP.	_____	_____
6 Conducted required company level ceremonies.	_____	_____
7 Reviewed company level reports (UMR, UCFR, AAA 162, Promotions, GCM).	_____	_____
8 Managed the units appointed duty rosters.	_____	_____
9 Developed a web based administrative spread sheet with 100% Soldiers information.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- AR 27-3
- DA FORM 5891
- FM 7-22
- TC 3-21.5

091-LCST-4004
Manage Training programs at the Company Level

Conditions: In an operational environment, while assigned as a Ordnance Company First Sergeant, or in a First Sergeant position. Given a company to manage, provided with copies of the company's current Mission Essential Task List (METL) in support Battalion mission and its METL, ADP 6-22, ADP 7-0, ADRP 7-0, forms, a computer and access to government information systems. This task should not be trained in MOPP.

Standards: Develop a comprehensive program for training an Ordnance Company to successfully accomplish its assigned mission in support of the Battalion mission and METL with no damage to equipment and no injury to personnel.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as the Company First Sergeant.

Note: To get the user manual for DTMS, Soldier must have to log into your AKO. Once logged in, go to Self Service and click on My Training, once that appears click on the ATN Logo, then go to search ATN upper right corner and type in DTMS user manual in the box and click GO. Another window will open and Soldier will then click on Number 2 The DTMS user Manual from there it will show the Soldier the manual which is broke down into chapters and appendixes.

Performance Steps

1. Review battalion commander's mission and Mission Essential Task List (METL).
2. Develops Unit's METL.
3. Identify collective task that support the company's restated mission.
 - a. Select task critical for mission accomplishment.
 - b. Back-brief battalion commander and obtain approval of company's METL.
 - c. Provide approved METL to platoon leaders and subordinate leaders.
4. Monitors Digital Training Management System (DTMS). Army physical fitness test (APFT), Weapons Qualification (WQ) and Mandatory Training.

5. Prepares and briefs Quarterly Training Brief / Yearly Training Brief (QTB/YTB).

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Reviewed battalion commander's mission and METL.	_____	_____
2 METL developed	_____	_____
3 Identified collective task that Support Company's restated mission.	_____	_____
4 DTMS monitored. Army physical fitness test (APFT), Weapons Qualification (WQ) and Mandatory Training.	_____	_____
5 QTB/YTB prepared and briefed	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- ADP 6-22
- ADP 7-0
- ADRP 7-0

091-LCST-4005
Manage Logistical Operations at the Brigade Level and Higher

Conditions: In an operational environment, while assigned as a Senior Leader in a Brigade level or higher position. Given a logistics mission, AR 40-13, AR 40-5, AR 708-1, AR 740-1, AR 750-1, DA PAM 708-1, DA PAM 750-1, DA PAM 750-3, a computer and access to government information systems.

Standards: Manage 100% of all mission assets and requirements at a Brigade or higher logistical operation, in accordance with local SOP and current regulations. The steps in this task may be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as a Senior Leader in a Brigade.

Note: None

Performance Steps

1. Determine availability of supplies by classification.
2. Determine medical evacuation and hospitalization requirements to include procedures to be used for chemical casualties.
3. Determine transportation capabilities, requirements, and shortages.
4. Determine maintenance capabilities, requirements, and location of facilities, collection points, and priority of maintenance for combat systems.
5. Determine the personnel services available and location of sites.
6. Determine the field services available and location of sites.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

- | | GO | NO GO |
|--|-------|-------|
| 1 Determined availability of supplies by classification. | _____ | _____ |

- 2 Determined medical evacuation and hospitalization requirements to include procedures to be used for chemical casualties. _____
- 3 Determined transportation capabilities, requirements, and shortages. _____
- 4 Determined maintenance capabilities, requirements, and location of facilities, collection points, and priority of maintenance for combat systems. _____
- 5 Determined personnel services available and location of sites. _____
- 6 Determined field services availability and location of sites. _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- AR 40-13
- AR 40-5
- AR 708-1
- AR 740-1
- AR 750-1
- DA PAM 708-1
- DA PAM 750-1
- DA PAM 750-3

091-LCST-4006
Manage Tactical Operations at the Battalion Level and Higher

Conditions: In an operational environment, while assigned as a Senior Leader in a Battalion level or higher position. Given a tactical mission, ADP 5-0, AR 700-4, ATP 5-19, FM 3-90.6, ATP 4-90, a computer and access to government information systems.

Standards: Manage 100% of all mission assets and requirements at a Battalion or higher tactical operation, in accordance with local Tactical Standing Operating Procedures (TACSOP) and current regulations. The steps in this task may be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as a Senior Leader in a Brigade.

Note: None

Performance Steps

1. Establish Tactical Operation Center (TOC).
2. Prepare and publish Operation Orders (OPORDS).
3. Update Unit Status Report (USR).
4. Perform Battle Tracking.
5. Forecast Land/Ammo Requirements.
6. Coordinate Force Mod/NEF.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

- | | GO | NO GO |
|--|-------|-------|
| 1 Established Tactical Operation Center (TOC). | _____ | _____ |

- | | | | |
|---|---|-------|-------|
| 2 | Prepared and published Orders (OPORDS). | _____ | _____ |
| 3 | Updated Unit Status Report (USR). | _____ | _____ |
| 4 | Performed Battle Tracking. | _____ | _____ |
| 5 | Forecasted Land/Ammo Requirements. | _____ | _____ |
| 6 | Coordinated Force Mod/NEF. | _____ | _____ |

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- ADP 5-0
- AR 700-4
- ATP 5-19
- FM 3-90.6
- ATP 4-90

091-LCST-4007
Conduct a Military Decision Briefing

Conditions: In an operational environment, given the topic "Conduct a Military Decision Briefing" and ADP 5-0, ADRP 6-22, FM 6-22, DA PAM 25-40

Standards: Conduct a Military Decision Briefing lasting between 7 to 10 minutes long and arrange main idea in logical sequence. The steps in this task may not be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are tasked to conduct a Decision Briefing.

Note: None

Performance Steps

1. Determine the subject.
2. Construct the Briefing.
 - a. Research
 - b. Organize
 - c. Draft
 - d. Revising, proofing and rehearsing.
3. Deliver the Briefing.
4. Complete with follow up.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Determined the subject.	_____	_____
2 Constructed the Briefing.	_____	_____
3 Delivered brief.	_____	_____
4 Completed with follow up.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- ADP 5-0
- ADRP 6-22
- FM 6-22
- DA PAM 25-40

Skill Level SL4
Subject Area 6: COMMON MAINTENANCE MANAGEMENT TASKS

091-MCST-4001
Manage Automated Maintenance Records

Conditions: In an operational environment, while assigned as a Senior Leader in a Battalion level or higher maintenance position. Given a computer with Global Combat Support System-Army (GCSS-Army) and access to End Use Manual+ (EUM+), access to government information systems.

Standards: Manage 100% of Maintenance records at Battalion level or higher, in accordance with local Standing Operating Procedure (SOP) and current regulations. The steps in this task may be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as a Senior Leader in a Battalion.

Note: None

Performance Steps

1. Monitor Battalion level and higher management of maintenance records posture using GCSS-Army or SAMS-2E.
2. Extract information from logistics information warehouse (LIW)/integrated logistics analysis program (ILAP).
3. Investigate Class IX high priority requisitions.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Monitored Battalion level and higher management of maintenance records posture using GCSS-Army or SAMS-2E.	_____	_____

- 2 Extracted information from logistics information warehouse (LIW)/ integrated logistics analysis program (ILAP). _____
- 3 Investigated Class IX high priority requisitions. _____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- GSS-A EUM+
- AR 750-1
- ATP 4-33
- DA PAM 750-3
- DA PAM 750-8
- TC 43.4

091-MCST-4002
Manage Maintenance Production Control

Conditions: In an operational environment, while assigned as Senior Leader in a Battalion level or higher maintenance position. Given the requirements of assigning priority of work, supervising the service schedule and managing Quality Control Inspectors. Given AR 385-10, AR 750-6, ATP 4-31, ATP 4-33, DA PAM 385-1, DA PAM 385-10, DA PAM 385-11, DA PAM 750-3, DA PAM 750-8, TB 385-4, TB 43-0142, TB 43-0156 (Regulations, DA Pamphlets, FM's TM's), a computer, and access to government information systems.

Standards: Manage Maintenance Production Control at Battalion level or higher, in accordance with local Standing Operating Procedure (SOP), regulations and score a "GO" on 5 out of 6 performance measures listed. The steps in this task may be performed out of sequence.

Special Condition: None

Special Standards: None

Special Equipment: None

Cue: You are assigned as a Senior Leader in a Battalion.

Note: None

Performance Steps

1. Determine the maintenance situation.
2. Manage the maintenance program.
3. Coordinate recovery operation of the Battalion equipment.
4. Manage PLL's evacuation of equipment, components, and parts.
5. Establish field maintenance status of all Battalion equipment.
6. Conduct maintenance meeting using the (AH0026) Non-Mission Capable Equipment in SAMS_E or Equipment status report in GCSS-ARMY.

Evaluation Preparation: Be sure all applicable equipment is available before evaluation. All initial set up and equipment conditions must be performed in accordance with appropriate references to successfully complete the task.

Performance Measures

	GO	NO GO
1 Determined the maintenance situation.	_____	_____
2 Managed the maintenance program.	_____	_____
3 Coordinated recovery operation.	_____	_____
4 Managed PLL's evacuation of equipment, components, and parts.	_____	_____
5 Established field maintenance status of all Battalion equipment.	_____	_____
6 Conducted maintenance meeting using the (AH0026) Non-Mission Capable Equipment in SAMS_E or Equipment status report in GCSS-ARMY.	_____	_____

Evaluation Guidance: Score the Soldier GO if all Performance Measures were passed. Score the Soldier NO-GO if any performance measure was failed. If the Soldier fails any performance measure, show what was done wrong, how to do it correctly, and have the Soldier repeat the task.

References Required

- AR 385-10
- AR 750-6
- ATP 4-31
- ATP 4-33
- DA PAM 385-1
- DA PAM 385-10
- DA PAM 385-11
- DA PAM 750-3
- DA PAM 750-8
- TB 385-4
- TB 43-0142
- TB 43-0156

091-MCST-4003

Manage Command Supply Discipline Program at the Company Level

Conditions: Given the requirement to ensure compliance with Command Supply Discipline Program (CSDP) by using existing assets to avoid duplication or fragmentation of effort and stewardship of resources. Given AR 710-2, AR 735-5, and local unit standing operating procedures (SOP).

Standards: Enforce 100% CSDP by taking prudent actions to properly use, care for and safeguard all Government property issued for, acquired for, or converted to a person's exclusive use, with or without receipt in accordance with AR 710-2 and AR 735-5.

None

Special Standards: None

Special Equipment: None

Cue: Manage Unit's Supply to meet Command Inspection requirements.

Note: None

Performance Steps

1. Maintain the CSDP in accordance with AR 710-2 and AR 735-5.
 - a. Develop measures to enforce supply discipline.
 - b. Continue command emphasis on supply discipline by unit leadership.
 - c. Provide training to unit personnel on supply requirements, procedures, and methods.
 - d. Take administrative measures to account for lost, damaged, or destroyed property.
2. Take disciplinary measures to deter and/or correct fraud, waste, negligent damage, and/or loss of government property.
 - a. Update SOP and CSDP to align with changing unit requirements
 - b. Submit to the commander any systemic problems that cannot be resolved.

Evaluation Preparation: This task can be evaluated during routine unit operations.

Performance Measures

	GO	NO GO
1 Maintained the CSDP.	_____	_____
2 Taken disciplinary measures to deter and or correct fraud, waste, negligent damage, and or loss of government property.	_____	_____

Evaluation Guidance: Inform Soldier that the evaluation is measured on the ability to perform the listed Performance Measures.

References Required

- AR 710-2
- AR 735-5

CHAPTER 4

Training Evaluation

4-1. General. Evaluation is a systematic, continuous process to appraise the quality (efficiency, deficiency, and effectiveness) of the training program, instruction, and the demonstrated ability of Soldiers, commanders, leaders, battle staffs, and units against the Army standard. Additionally, evaluations should validate the appropriateness of the tasks to the job performance. It may determine the value of the training program; determine if objectives have been met; and appraise the value of a new training technique. It is the means by which an evaluator provides management (for example, decision makers) with information/recommendations so it can decide what actions to improve the education/training. Evaluations identify both intended and unintended outcomes so decision makers can make necessary adjustments in the training program and provide feedback used to modify the training program, as necessary.

4-2. Soldier Proficiency. The ultimate goal of training is to enhance the skills, knowledge, and attributes of the Soldier to perform their MOS functional job and to maintain operational/combat readiness. Evaluations tell the unit or the Soldier whether or not they have achieved the Army standard. Therefore, evaluations assist the unit or the Soldier in determining the overall effectiveness of their training plans.

4-3. Leader Development. Leaders use evaluations 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. Leaders use evaluations to—

- a. Provide feedback on training proficiency to those participating in the training event using the AAR.
- b. Assess METL task proficiency.
- c. Shape future training plans.
- d. Enhance leader development.
- e. Used to provide feedback on training proficiency.

4-4. Evaluation Process.

- a. Determine what areas need evaluating.
- b. Define the purpose of the evaluation.
- c. Determine the scope of the evaluation and available resources.
- d. Collect and research information pertinent to the evaluation (feedback and training documentation, AARs, program of instruction [POI], STP, TSP, critical task list).
- e. Develop and coordinate evaluation plan.
- f. Conduct evaluation and interviews with Soldiers and instructors.
- g. Brief commander, leaders, and trainers.

4-5. Conducting Evaluation. Assess performance to determine level of proficiency using feedback from—

- a. AARs, Evaluation DA Form 5164-R Hands on Evaluation, Figure 4-1.
- b. Previous assessments in the leader's book.
- c. Personal observations.
- d. Formal or informal reports.

4-6. Training Indicators. Evaluations should determine if—

- a. Instructors followed objectives and implementation procedures per references (for example, lesson plans, course management plans, student evaluation plans, and the approved POIs).
- b. Training aids supported the objectives, were appropriate, understandable, and readable.
- c. Environmental conditions contributed to a proper learning environment.
- d. Instructor performance met instructional standards.
- e. Training development and training management are effective and efficient.
- f. Training products are effective and efficient.
- g. Soldiers received necessary training.

Figure 4-1

HANDS-ON-EVALUATION For use of this form, see STP 11-25514-SM-TG; the proponent agency is TRADOC.		DATE 3/1/2026	
TASK TITLE Operate a Tracked Recovery Vehicle		TASK NUMBER 091-H8T-2024	
ITEM a	PERFORMANCE STEP TITLE b	SCORE (Check One)	
		PASS c	FAIL d
1	Select and use applicable publications	<input checked="" type="checkbox"/> P	<input type="checkbox"/> F
2	Perform Preventive Maintenance Checks and Services (PMCS).	<input checked="" type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
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		<input type="checkbox"/> P	<input type="checkbox"/> F
EVALUATOR'S NAME SGT Highspeed J.		UNIT A, BAT, 1 BN, 23 FA	
SOLDIER'S NAME PVT Snuffy B.		STATUS <input checked="" type="checkbox"/> GO <input type="checkbox"/> NO GO	

SAMPLE

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CHAPTER 5

Self-Development

B-1 General. Professional education provides the foundation involving a variety of training domains ranging from institutional schooling, self-development, and operational experience to personal interaction with superiors, peers, and subordinates. Individual self-development, both structured and informal, focuses on taking those actions necessary to reduce or eliminate the gap between operational and institutional experiences. Individual self-development is continuous. It should be emphasized in both institutional and operational assignments. Commanders and leaders provide feedback to enable subordinates to identify their own strengths and weaknesses and to determine the reasons for them. Together the senior and subordinate prioritize the subordinate's self-development goals and determine COAs to improve performance.

a. Self-development is the individual's responsibility. Soldiers should know what is required to proceed to the next ability level as well as requirements for promotion. This reference provides a guide for individuals to identify and improve areas according to a model. Self-development should include an analysis of one's own abilities in the following areas:

- Positions of increased responsibility (duty positions).
- Improvements in personal performance (evaluations).
- Leadership capabilities (attributes).
- MOS tasks.
- Army Warrior training tasks.
- Life-long learning is the process to plan and receive training throughout the Soldier's career.

Planning considerations should include—

- Education levels, college degrees, or college level courses.
- Professional reading.
- International military information.
- Certificates, licenses, and degrees recommended by proponent.
- Leadership/management.

B-2 Purpose. The purpose of this appendix is to assist individuals in developing a personal self-development training strategy. It provides a guide for individuals to posture themselves for promotions, better jobs, or self-motivated improvement in personal performance. It is created for each Soldier (officer, warrant officer, or enlisted). The self-developed training strategy consists of directed and self-motivated components.

a. The directed component identifies training required (or suggested) by the Army for promotion or performance improvement. This includes activities to—

- Prepare for the next-higher level of responsibility/promotion.
- Function in the current duty assignment.

- Develop leadership capability (improve personal ability to perform common core leadership capabilities discussed in FM 6-22, Leader Development).
- Advance preparation for a phase/module of a training course.
- Meet required/recommended reading level requirements.
- The self-motivated component focuses on general recommendations that address skills and knowledge successful individuals have found beneficial to their career development. It consists of the training individuals personally take on to improve their performance, gain new or additional capabilities, or prepare for a new job prior to being assigned. Recommended activities include—
 - Education levels, college degrees, or college level courses.
 - Certificates, licenses, and degrees recommended by Branch proponent.
 - Other self-development activities found in Army Learning Centers (ALCs)/Distance Learning Centers.

B-3. Self-Development Training Strategy. The basic procedure for developing self-development training strategies is to identify directed requirements. This involves the determination of—

- a. Prerequisite academic competency as measured by the basic Army skills exam or tests of adult basic education.
- b. Required or suggested education level for each skill level.
- c. Required or suggested education course.
- d. Required or suggested license or certificate for each skill level.

B-4. Self-Development Assessment. Self-development starts with an assessment of individual strengths, weaknesses, potential, and developmental needs. Commanders and leaders provide feedback that enables subordinates to determine the reasons for their strengths and weaknesses. Together, they prioritize self-development near-term and long-term goals and determine COAs to improve performance. Self-development is—

- a. A planned process involving the leader and the subordinate being developed. It enhances previously acquired skills, knowledge, behaviors, and experience; contributes to personal development; and highlights the potential for progressively more complex and higher-level assignments. Self-development focuses on maximizing individual strengths, minimizing weaknesses, and achieving individual personal and professional development goals.
- b. Initially very structured and generally narrow in focus. The focus broadens as individuals understand their strengths and weaknesses, determine their individual needs, and become more experienced. Each Soldier's knowledge and perspective increases with experience, institutional training, and operational assignments, and is accelerated and broadened by specific, goal-oriented self-development actions.

B-5. Sources of Training/Education. The following are potential sources for a Soldier to obtain training/education to meet a self-development strategy:

- a. ALC. The ALC provides such services as MOS libraries, language labs, education/training multimedia educational equipment and software, tutorial assistance in basic academic skills and other services depending on availability.
- b. College or university programs, to include distance learning and college representatives.
- c. Cyber-based Instructional System (CYBIS) provides individualized online education and training activities. It includes introductory to advanced training on academic, business, and military topics. CYBIS includes college level course that carry American Council on Education recommended college credit.
- d. CA FM, graphic training aids (GTAs), joint publications (JPs) are an excellent source of refresher information. A list of CA manuals is provided in the Reference section of this STP and at the end of this appendix.
- e. Application of DA Form 5165-R, Field Expedient Squad Book Fig. 5-1

B-6. Leadership Support. Self-development training strategies will only be effective if they are supported by Army leadership and the individual Soldier establishes self-improvement goals and identifies steps required to meet those goals.

- a. Some steps the individual must take include—
 - Determining what training/education is required/desired.
 - Seeking recommendations from unit leaders and personal role models.
 - Determining the source of training.
 - Initiating acquisition of and actively participate in the training.
 - Ensuring their personnel and training records are updated to reflect training received.
 - Leaders should counsel and assist subordinates in setting self-improvement goals and objectives, acquiring assistance in achieving those objectives, and recognizing individual's accomplishments. Leaders should—
 - Encourage subordinates to use off-duty time to actively seek self-development and to enroll in self-development courses/programs.
 - Provide off-duty time to enroll in self-development course.
 - Ensure subordinates develop a personal self-development training strategy.

Figure 5-1

FIELD EXPEDIENT SQUAD BOOK											SHEET																			
FOR USE OF THIS FORM, SEE STP 10-92A12-SM-TG; the proponent agency is TRADOC.											_____ 1 _____ OF _____ 1 _____																			
USER APPLICATION			SOLDIER'S NAME																											
STP 091-91H14-SM-TG			SPC IRVIN, MICHAEL	PFC SMITH EMMIT	SPC AIKMEN TROY																									
TASK NUMBER AND TITLE			STATUS																											
			GO	NO-GO																										
091-91H-1003 Replace Eng./Trans			<input checked="" type="checkbox"/>	<input type="checkbox"/>	SAMPLE														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
091-91H-1005 Replace Solenoids			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
09- 91H-1014 Maintain Power plant			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
091-91H-1018 Maintain Suspension			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
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GLOSSARY

Section I Acronyms & Abbreviations

AFFS	Army Field Feeding System
APFT	Army physical fitness test
APU	Auxiliary Power Unit; ambulatory procedure unit
AR	armor; Army regulation
ASP	ammunition supply point; Application Service Provider
BCS3	Battle Command Sustainment Support System
BCT	Basic Combat Training; Brigade Combat Team; Battle Coordination Team
BII	basic issue items
CBRN	chemical, biological, radiological, and nuclear
CCIR	commander's critical information requirements; international radio consultative committee
CCL	combat-configured load; cardiac catheterization laboratory; Contaminated Control Line
CL	combat lifesaver; centerline; clear; climbing drill; class; combat load
CROP	Container(ized) Roll-In/Roll-Out Platform
CSR	controlled supply rate
DA	Department of the Army; direct action; Defended Area
DA FORM	Department of the Army Form
DA PAM	Department of the Army pamphlet
DTMS	Digital Training Management System
EPA	Environmental Protection Agency; evasion plan of action
ETM	extension training material; electronic manuals online; endurance training machines; Electronic Technical Manual
FBCB2	Force XXI Battle Command Brigade and Below
FM	field manual; frequency modulated; frequency modulation; flare multiunit; force module
FMC	full mission-capable; field medical card
FSC	fire support coordinator; Federal Supply Catalog; food sanitation center; federal supply classification
GCSS-A	Global Combat Support System-Army
HNS	host nation support
IETM	Interactive Electronic Technical Manual
ILAP	Integrated Logistics Analysis Program
ITV	in-transit visibility
LIW	logistics information warehouse
LO	law and order; liaison officer; lubrication order
LOGPAC	logistics package
MCL	mission configured load; mid clavicular line

Glossary

METL	mission essential task list
METT-TC	A memory aid used in two contexts: (1) In the context of information management, the major subject categories into which relevant information is grouped for military operations: mission, enemy, terrain and weather, troops and support available, time available, civil considerations. (2) In the context of tactics, the major factors considered during mission analysis. [Note: the Marine Corps uses METT-T: mission, enemy, terrain and weather, troops and support available-time available.] (FM 6-0)
MOPP	mission-oriented protective posture
MRE	meal, ready to eat
MSR	main supply route; Missile Site Radar
MTOE	modified table of organization and equipment
NCODP	Non-Commissioned Officer Development Program
OE	Operational Environment
OP	observation post; Operational
OPLAN	operation plan
OPORD	operation order
OSHA	Occupational Safety and Health Administration
PMCS	preventive maintenance checks and services
PMESII-PT	political, military, economic, social, infrastructure, information, physical environment, and time
POD	port of debarkation; point of distribution
QTB	quarterly training briefing
RSR	required supply rate; radar service request
SAAS	Standard Army Ammunition System
SAAS-MOD	Standard Army Ammunition System - Modernization
SAMS	Standard Army Maintenance System
SAMS-2	Standard Army Maintenance System-Level 2
SAMS-E	Standard Army Maintenance System – Enhanced
SIR	Security Inventory Report; serious incident report; specific information requirement; specific intelligence requirements
SOP	standing operating procedure
SPO	Support Operations; security, plans, and operations
SRA	stock record account
TACSOP	tactical standing operating procedure
TAMMS	The Army Maintenance Management System
TAV	total asset visibility
TM	team; Technical Manual; trademark; theater missile; tympanic membrane; target materials
TMDE	test, measurement, and diagnostic equipment
TOC	tactical operations center; total organic carbon
TOE	table of organization and equipment
UCFR	unit commanders finance report
UMR	unit manning report; Unmanaged Report
USR	unit status report

Section II
Terms, MOPP-gear exchange

Mission-oriented protective posture gear is exchanged to remove gross contamination from Soldiers. Mask and hood are wiped down, and individual gear is brushed with decontaminant.

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STP 9-91H14-SM-TG
04 March 2016

By Order of the Secretary of the Army:

MARK A. MILLEY
General, United States Army
Chief of Staff

Official:

A handwritten signature in black ink, appearing to read "Gerald B. O'Keefe". The signature is written in a cursive style with a large initial "G" and a distinct "O'Keefe" ending.

GERALD B. O'KEEFE
Administrative Assistant to the
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1606304

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