

STP 9-63M14-SM-TG

# **SOLDIER'S MANUAL/TRAINER'S GUIDE**

## **M2/3 BRADLEY FIGHTING VEHICLE SYSTEM MAINTAINER**

**SKILL LEVELS 1, 2, 3, 4**

**MOS 63M**

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# SOLDIER'S MANUAL and TRAINER'S GUIDE

## MOS 63M

### SOLDIER'S MANUAL AND TRAINER'S GUIDE, MOS 63M, M2/3 BRADLEY FIGHTING VEHICLE SYSTEM MAINTAINER

#### Skill Levels 1, 2, 3 and 4

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## PREFACE

This soldier training publication (STP) is intended for soldiers holding MOS 63M, Skill Levels 1, 2, 3, and 4, their supervisors, trainers, and commanders. It contains an MOS Training Plan providing information needed to plan, conduct, and evaluate unit training, one of the most important jobs of military leaders. It includes standardized training objectives in the form of task summaries that can be used to train and evaluate soldiers on critical tasks supporting unit missions during wartime.

Soldiers holding MOS 63M should have access to this publication. Trainers and firstline supervisors should actively plan for soldiers' access, making it available in work areas, unit learning centers, and unit libraries. However, it is not intended for an individual copy to be provided to each MOS holder. The STP is obtainable on line from the Reimer Digital Library (RDL).

Tasks in this manual apply to both Active and Reserve Component soldiers.

The proponent of this publication is HQ TRADOC. Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Ordnance Training Division, ATTN: ATCL-AO, 401 First Street, Suite 227, Fort Lee, VA 23801-1511.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.





## CHAPTER 1

### Introduction

1-1. General. This soldier training publication (STP) identifies individual MOS training requirements for soldiers holding MOS 63M. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference for supporting self-development, evaluating MOS proficiency, and training of 63M soldiers. Commanders employ two primary methods to evaluate soldiers' proficiency:

- Commander's evaluation. Commander's evaluations are local tests or assessments of soldiers' performance of MOS-specific and common tasks critical to the unit mission. They may be conducted year-round.
- Common task test (CTT). CTTs are hands-on tests used to evaluate proficiency on common tasks. Alternate written tests are provided if equipment is not available for hands-on testing.

This publication is the soldier's primary reference to prepare for a commander's evaluation of MOS-specific tasks. It contains task summaries for all critical tasks specific to the MOS and skill level (SL). Commanders and trainers will use this soldier's manual/trainer's guide (SM/TG) to plan and conduct training and commander's evaluations.

Chapter 2, Trainer's Guide, contains information needed to plan training requirements for this MOS. The trainer's guide

- Identifies subject areas in which soldiers must be trained.
- Identifies critical tasks for each subject area.
- Specifies where soldiers are initially trained on each task.
- Recommends how often each task should be trained to sustain proficiency.
- Recommends a strategy for cross-training soldiers.
- Recommends a strategy for training soldiers to perform higher-level tasks.

Use this STP along with STP 21-1-SMCT (Soldier's Manual of Common Tasks, Skill Level 1), STP 21-24-SMCT (Soldier's Manual of Common Tasks, Skill Levels 2-4), Army training and evaluation programs (ARTEPs), FM 25-4 (How to Conduct Training Exercises), FM 25-5 (Training for Mobilization and War), FM 25-100 (Training the Force), and FM 25-101 (Battle-Focused Training) to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Task Summaries. Task summaries outline wartime performance requirements for each critical task in the STP. They provide both soldier and trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information soldiers must know and skills they must perform to standard for each task. Following is the task summary format:

- Task number. The task number is a 10-digit number that identifies the task and skill level. Include the task number and title in any correspondence relating to the task.
- Task title. The task title identifies the action to be performed.
- Conditions. The task conditions statement describes the field or garrison conditions under which the task will be performed and identifies the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime.

- **Standards.** The task standards describe how well and to what level of proficiency the soldier must perform the task under wartime conditions. Standards are typically expressed in terms of accuracy, completeness, duration, sequence, speed, and tolerance.
- **Performance measures.** This section identifies specific actions that the soldier must accomplish to complete the task successfully. Performance measures appear in a GO/NO-GO rating format for easy evaluation. Some tasks may also include detailed training information in a Training Information Outline and an Evaluation Preparation Section. The Evaluation Preparation Section indicates necessary modifications to task performance in order to train and evaluate a task that can not 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.
- **References.** This section identifies references that provide more detailed explanations of task performance requirements than are given in the task summary.
- **Warnings.** Warnings alert users to the possibility of immediate personal injury or equipment damage.
- **Notes.** Notes provide additional supportive explanations or tips relating to task performance.

1-3. **Soldier's Responsibilities.** 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. 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 performance of all common tasks listed in the SMCTs 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.

1-4. **NCO Self-Development and the STP.** Self-development is a key component of leader development. Leaders follow planned, progressive, sequential self-development programs developed by the individual NCO and his or her first-line supervisor to enhance and sustain military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment. The self-development concept requires NCOs, as Army professionals, to take responsibility for remaining current in all phases of their MOS. The STP is the NCO's primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Correspondence Course Program (ACCP). Refer to DA Pamphlet 351-20 (Army Correspondence Course Program Catalog) for detailed eligibility requirements and enrollment information. The catalog is available at local education centers or on line through the Army Institute for Professional Development (AIPD) web site, . The web site offers on-line enrollment.

1-5. **Commander's Responsibilities.** Commanders must ensure that their unit training plans prepare the unit for war by enabling soldiers to develop and sustain proficiency in their MOS and skill level tasks. Commanders should design unit training programs to provide individual training for all soldiers assigned to the unit and to evaluate soldier proficiency routinely as part of the commander's evaluation program. The unit training program should also integrate individual training with crew drills and other collective training. The MOS training plan provides information on which to base integration, cross-train, train-up, and sustainment training programs. Commanders should use the MOS training plan when developing unit training plans.

1-6. Trainer's Responsibilities. Training is the business of all unit leaders. First-line leaders are the principal trainers in the unit because they directly supervise soldiers and lead crews, squads, sections, and teams.

Trainers can use the MOS training plan to determine the critical tasks each soldier is responsible for. They should tell each soldier which tasks he or she must be able to perform. Trainers should evaluate task performance to determine which tasks each soldier can or cannot perform to standard. Soldiers who cannot perform a task to standard need further training. This STP helps the trainer do what trainers get paid to do; train. Developing effective training is explained in detail in FM 25-100 and FM 25-101.

Every task summary in this STP includes performance measures, which trainers may use year-round to determine if soldiers can perform critical tasks to the specified standards. The performance measures identify what the trainer needs to observe to score a soldier's performance. A blank space is provided for the trainer to check either the GO or NO-GO column for each performance measure. Some tasks require the trainer to watch the soldier perform them (evaluate the process). Other tasks call for the trainer to focus on the results of the soldier's performance (evaluate the product). Comments should not be written on the task summary.

Trainers can monitor the progress of their soldiers by recording task go/no-go results. Trainers may use DA Form 5164-R (Hands-On Evaluation) to record the performance measures a soldier passed or failed. The form, which may be locally reproduced, applies to all tasks in this STP. Trainers may have DA Form 5164-R overprinted with information unique to their training requirements before reproducing it. See Appendix A of this STP for a sample DA Form 5164-R with instructions.

Trainers may use DA Form 5165-R (Field Expedient Squad Book) to record hands-on go/no-go results for a group of soldiers (for example, a crew, section, or squad) having the same MOS and skill level. This form supports conduct of commander's evaluations, and can be used to record training results gathered in the field during slack time for all MOSs and skill levels. Use of this form is optional. See Appendix B for a sample DA Form 5165-R with instructions. Trainers should work with each soldier until tasks can be performed to specific task summary standards.

1-7. Training Support. References have been identified for each task to assist in planning and conducting training. A consolidated list of references identified by type, publication number, and title and a comprehensive glossary of acronyms, abbreviations, and definitions are included in this STP.



## CHAPTER 2

## Training Guide

63M CAREER FIELD DUTY POSITIONS			
Duty Position	Subject Area	Cross Train	Train-up/Merger
<b>Skill Level 1</b>			
M2/3 Bradley Fighting Vehicle System Maintainer Recovery Vehicle Operator (ASI H8) Bradley M2A3/M3A3 System Mantainer	1	NA	63M20/Bradley Fighting Vehicle System Mechanic 63M20/Recovery Vehicle Operator (ASI H8) Bradley M2A3/M3A3 System Mantainer
<b>Skill Level 2</b>			
M2/3 Bradley Fighting Vehicle System Maintainer Recovery Vehicle Operator (ASI H8) Bradley M2A3/M3A3 System Mantainer	1	NA	63M30/Bradley Fighting Vehicle System Maintainer 63M30/Recovery Vehicle Supervisor
<b>Skill Level 3</b>			
M2/3 Bradley Fighting Vehicle System Maintainer Recovery Vehicle Supervisor	2 - 3	NA	63M40/M2/3 Bradley Fighting Vehicle System Maintenance Supervisor
<b>Skill Level 4</b>			
M2/3 Bradley Fighting Vehicle System Maintenance Supervisor	4	NA	63Z50/Mechanical Maintenance Supervisor

2-1. General. The MOS Training Plan (MTP) 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 MTP should be used as a guide for conducting unit training and not a rigid standard. The MTP 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 MTP 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 MTP. 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 MTP.
- **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 where the task is first trained to soldier training publication standards. If the task is first trained to standard in the unit, the word "Unit" will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, etc.), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

<b>ANCOC</b>	Advanced NCO Course
<b>AIT</b>	Advanced Individual Training
<b>UNIT</b>	Trained in the Unit
<b>BNCOC</b>	Basic NCO Course
<b>ASI/SD</b>	Additional Skill Identifier/Special Duty
<b>BTC</b>	Basic Technical Course

Figure 2-1. Training Locations

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

<b>BA</b>	- Biannually
<b>AN</b>	- Annually
<b>SA</b>	- Semiannually
<b>QT</b>	- Quarterly
<b>MO</b>	- Monthly
<b>BW</b>	- Bi-weekly
<b>WK</b>	- Weekly

Figure 2-2. Sustainment Training Frequency Codes

- **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. Subject Area Codes.

**Skill Level 1**

- 1 ADMINISTRATIVE TASKS
- 2 TECHNICAL TASKS (SKILL LEVEL 1/2)
- 3 RECOVERY (ASI H8 ONLY)
- 4 BRADLEY A3 TASKS (ASI B9 ONLY)

**Skill Level 3**

- 5 COMMON LOGISTIC TASKS
- 6 TECHNICAL TASKS (SKILL LEVEL 3)

**Skill Level 4**

- 7 COMMON LOGISTICS MANAGEMENT TASKS

2-3. Duty Position Training Requirements.



2-4. Critical Tasks List.**MOS TRAINING PLAN  
63M14****CRITICAL TASKS**

<b>Subject Area</b>	<b>Task Number</b>	<b>Title</b>	<b>Training Location</b>	<b>Sust Tng Freq</b>	<b>Sust Tng SL</b>
<b>Skill Level 1</b>					
1. ADMINISTRATIVE TASKS	091-109-0001	Maintain Test, Measurement, and Diagnostic Equipment (TMDE)	AIT	SA	1/2
	091-109-0002	Maintain Assigned Vehicles (PMCS)	AIT	DA	1/2
	091-109-0003	Maintain Assigned Tool Kits	AIT	DA	1/2
	091-109-0005	Prepare Equipment Inspection and Maintenance Worksheet (DA Form 2404)	AIT	WK	1/2
2. TECHNICAL TASKS (SKILL LEVEL 1/2)	091-63M-2001	Correct Malfunction of Diesel Power Plant/Packs/Units	AIT	QT	1/2
	091-63M-2002	Correct Malfunction of Compression Ignition Systems	AIT	QT	1/2
	091-63M-2003	Correct Malfunction of Liquid Cooling Systems	AIT	QT	1/2
	091-63M-2004	Correct Malfunction of Compression Ignition Engine Fuel Systems	AIT	QT	1/2
	091-63M-2005	Correct Malfunction of Variable Pressure Type (PT) Diesel Fuel Systems	AIT	QT	1/2
	091-63M-2006	Correct Malfunction of Compression Ignition Air Induction Systems	AIT	QT	1/2
	091-63M-2007	Correct Malfunction of Vehicle Charging Systems	AIT	QT	1/2
	091-63M-2008	Correct Malfunction of Track Hull Electrical Systems	AIT	QT	1/2
	091-63M-2009	Correct Malfunction of Crossdrive Transmission Assemblies	AIT	QT	1/2
	091-63M-2010	Correct Malfunction of Mechanical Brake Systems	AIT	QT	1/2
	091-63M-2011	Correct Malfunction of Track Vehicle Suspension Systems	AIT	QT	1/2

## CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
	091-63M-2012	Correct Malfunction of Fire Suppression System	AIT	QT	1/2
	091-63M-2013	Correct Malfunction of Hydroelectric Power Supply (Ramp System)	AIT	QT	1/2
	091-63M-2014	Perform Scheduled Services on M2/M3 Bradley Fighting Vehicle Systems	AIT	QT	1/2
	091-63M-2015	Correct Malfunction of Cannon Assemblies	AIT	QT	1/2
	091-63M-2016	Correct Malfunction of Turret Missile Launchers	AIT	QT	1/2
	091-63M-2017	Correct Malfunction of Ammunition Feeder-Loader Systems	AIT	QT	1/2
	091-63M-2018	Correct Malfunction of Traversing Systems	AIT	QT	1/2
	091-63M-2019	Correct Malfunction of Turret Electrical Power Distribution Systems	AIT	QT	1/2
	091-63M-2020	Perform Scheduled Services on M2/M3 BFV Turret	AIT	QT	1/2
3. RECOVERY (ASI H8 ONLY)	091-H8C-2001	Locate a Recovery Site	ASI/SD	SA	1/2
	091-H8C-2002	Determine Recovery Methods	ASI/SD	SA	1/2
	091-H8C-2003	Operate Tactical Communications Equipment	ASI/SD	SA	1/2
	091-H8C-2004	Operate Metal Cutting Equipment	ASI/SD	SA	1/2
	091-H8T-2001	Maintain Recovery Vehicle Weapons	ASI/SD	SA	1/2
	091-H8T-2002	Perform Preventive Maintenance Checks and Services on Tracked Recovery Vehicle	ASI/SD	SA	1/2
	091-H8T-2003	Use Basic Issue Items Related to Tracked Recovery Vehicle	ASI/SD	SA	1/2
	091-H8T-2004	Drive Tracked Recovery Vehicle	ASI/SD	SA	1/2
	091-H8T-2005	Operate Auxiliary Power Unit	ASI/SD	SA	1/2
	091-H8T-2006	Operate the Boom and Hoist Winch on a Tracked Recovery Vehicle	ASI/SD	SA	1/2
	091-H8T-2007	Operate the Spade on a Tracked Recovery Vehicle	ASI/SD	SA	1/2
	091-H8T-2008	Operate the Witches on a Tracked Recovery Vehicle	ASI/SD	SA	1/2

## CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
	091-H8T-2009	Recover a Mired Tracked Vehicle	ASI/SD	SA	1/2
	091-H8T-2010	Recover an Overturned Tracked Vehicle	ASI/SD	SA	1/2
	091-H8T-2011	Lift and Tow a Disabled Vehicle	ASI/SD	SA	1/2
	091-H8T-2012	Cross Country Tow of a Tracked Vehicle	ASI/SD	SA	1/2
	091-H8T-2013	Perform Field Expedient Recovery on a Tracked Vehicle	ASI/SD	SA	1/2
4. BRADLEY A3 TASKS (ASI B9 ONLY)	091-AB9-0001	Familiarization of Bradley Automated Diagnostic System (BRADS)	ASI/SD	QT	1/2
	091-AB9-0002	Familiarization of Vehicle Diagnostic Maintenance Software (VDMS)	ASI/SD	QT	1/2
	091-AB9-0003	Familiarization of Vehicle 1553 Data Bus System	ASI/SD	QT	1/2
	091-AB9-0004	Operation of SINGARS, FBCB2, and VIS Communication System	ASI/SD	QT	1/2
	091-AB9-0005	Perform Operational Procedures Using Vehicle Software	ASI/SD	QT	1/2
	091-AB9-0007	Perform Boresight Procedures on the TOW and 25MM Gun	ASI/SD	QT	1/2
	091-AB9-0008	Maintain Turret Drive Subsystem (TDS)	ASI/SD	QT	1/2
	091-AB9-0009	Maintain Position Sensor Subsystem (PSS)	ASI/SD	QT	1/2
	091-AB9-0010	Maintain Improved Bradley Acquisition Subsystem (IBAS)	ASI/SD	QT	1/2
	091-AB9-0011	Maintain Commander's Independent Viewer (CIV) Subsystem	ASI/SD	QT	1/2
	091-AB9-0012	Maintain Fire Control Subsystem (FCS)	ASI/SD	QT	1/2
	091-AB9-0013	Operation of Commander's Tactical Display (CTD)	ASI/SD	QT	1/2
	091-AB9-0014	Perform Fault Isolation Test (FIT) using Vehicle Diagnostic Maintenance Software (VDMS)	ASI/SD	QT	1/2
	091-AB9-0015	Maintain Turret Cooling Fan Components	ASI/SD	QT	1/2
	<b>Skill Level 3</b>				
5. COMMON LOGISTIC	091-CLT-3001	Manage a Shop Safety Program	BNCOC	AN	3

## CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
TASKS					
	091-CLT-3002	Maintain a Publications Library	BNCOC	AN	3
	091-CLT-3003	Establish Maintenance Facilities	BNCOC	AN	3
	091-CLT-3004	Assist in Preparing a Standing Operating Procedure	BNCOC	AN	3
	091-CLT-3005	Manage Tool Control Procedures	BTC	AN	3
	091-CLT-3006	Manage Key Control Procedures	BNCOC	AN	3
	091-CLT-3007	Manage the TMDE Calibration Program	BNCOC	AN	3
	091-CLT-3008	Recon Terrain/Route	BNCOC	AN	3
	091-CLT-3009	Supervise Maintenance Operations	BNCOC	AN	3
	091-CLT-3010	Interpret Maintenance Operational Overlay	BNCOC	AN	3
	091-CLT-3013	Manage the Unit Level Logistics System (ULLS)	BNCOC	AN	3
	091-CLT-3014	Manage the Unit Army Oil Analysis Program (AOAP)	BNCOC	AN	3
	091-CLT-3015	Deploy Company Maintenance Team/Recovery Support Team	BNCOC	AN	3
	091-CLT-3016	Review the Army Materiel Status System (AMSS) Reports	BNCOC	AN	3
6. TECHNICAL TASKS (SKILL LEVEL 3)	091-63M-3001	Perform Diagnostics Procedures of Cannon Assemblies	BNCOC	SA	3
	091-63M-3002	Perform Diagnostic Procedures of Turret Missile Launchers	BNCOC	SA	3
	091-63M-3003	Perform Diagnostic Procedures of Ammunition Feeder-Loader Systems	BNCOC	SA	3
	091-63M-3004	Perform Diagnostic Procedures of Traversing Systems	BNCOC	SA	3
	091-63M-3005	Perform Diagnostic Procedures of Elevating Systems	BNCOC	SA	3
	091-63M-3006	Perform Diagnostic Procedures of Stabilization Systems	BNCOC	SA	3
	091-63M-3007	Perform Diagnostic Procedures of Electrical Power Distribution Systems	BNCOC	SA	3

## CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
	091-63M-3008	Perform Diagnostic Procedures of Electrical Firing Systems	BNCOC	SA	3
	091-63M-3009	Perform Diagnostic Procedures of Sighting/Fire Control Systems	BNCOC	SA	3
	091-63M-3010	Perform Diagnostic Procedures of NBC Systems	BNCOC	SA	3
	091-63M-3011	Perform Diagnostic Procedures of Fuel Systems	BNCOC	SA	3
	091-63M-3012	Perform Diagnostic Procedures of Electrical Systems	BNCOC	SA	3
	091-63M-3013	Perform Diagnostic and Repair Procedures of Transmissions	BNCOC	SA	3
	091-63M-3014	Perform Diagnostic Procedures of M2/3 Series Automotive Systems	BNCOC	SA	3
	091-63M-3015	Perform Diagnostic Procedures of Diesel Engines	BNCOC	SA	3
	091-63M-3016	Perform Battlefield Damage Assessment and Repair	BNCOC	SA	3
<b>Skill Level 4</b>					
7. COMMON LOGISTICS MANAGEMENT TASKS	091-CLT-4001	Perform Senior Rater Responsibilities for a Maintenance Section	ANCOC	AN	4
	091-CLT-4002	Supervise Platoon/Section Administrative Procedures	ANCOC	AN	4
	091-CLT-4003	Manage Combat Stress	ANCOC	AN	4
	091-CLT-4004	Ensure Maintenance Operations are in Compliance With the Army Environmental Program	ANCOC	AN	4
	091-CLT-4005	Enforce Compliance With the Shop Safety Program	ANCOC	AN	4
	091-CLT-4006	Coordinate Support for the Maintenance Platoon/Section	ANCOC	AN	4
	091-CLT-4007	Select a Field Maintenance Site	ANCOC	AN	4
	091-CLT-4008	Prepare an Operational Overlay for Maintenance Operations	ANCOC	AN	4

## CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
	091-CLT-4009	Control Flow of Work Through the Maintenance shop	ANCOC	AN	4
	091-CLT-4010	Integrate Automated Logistics Support Systems	ANCOC	AN	4
	091-CLT-4011	Plan Logistics Support for Maintenance Operations	ANCOC	AN	4
	091-CLT-4012	Monitor the Preparation and Disposition of the Army Materiel Status System (AMSS) Reports	ANCOC	AN	4
	091-CLT-4013	Analyze the Prescribed Load List (PLL) Report	ANCOC	AN	4
	091-CLT-4014	Monitor Quality Control Program	ANCOC	AN	4
	091-CLT-4015	Analyze Bench Stock Listing	ANCOC	AN	4
	091-CLT-4016	Analyze Open Work Request Reconciliation Listing	ANCOC	AN	4
	091-CLT-4017	Analyze Completed Shop Workload Summary	ANCOC	AN	4
	091-CLT-4018	Analyze Shop Deadline and Deferred Workload Listing	ANCOC	AN	4
	091-CLT-4019	Analyze Shop Workload Summary Listing	ANCOC	AN	4
	091-CLT-4020	Maintain Property Accountability	ANCOC	AN	4
	091-CLT-4021	Prepare Standing Operating Procedures for Maintenance Operations	ANCOC	AN	4
	091-CLT-4022	Supervise the Deployment of Company Maintenance Team/Recovery Support Team/Maintenance Support Team	ANCOC	AN	4
	091-CLT-4023	Conduct a Route Reconnaissance for a Maintenance Mission	ANCOC	AN	4
	091-CLT-4024	Conduct an Area Reconnaissance for a Maintenance Mission	ANCOC	AN	4
	091-CLT-4025	Manage Battlefield Maintenance Support	ANCOC	AN	4
	091-CLT-4026	Perform Support Operations NCO Duties	ANCOC	AN	4
	091-CLT-4027	Manage Maintenance Operations at a Maintenance Collection Point	ANCOC	AN	4
	091-CLT-4028	Provide Maintenance Support During Tactical Operations	ANCOC	AN	4

**CHAPTER 3**  
**MOS/Skill Level Tasks**

Skill Level 1

Subject Area 1: ADMINISTRATIVE TASKS

**Maintain Test, Measurement, and Diagnostic Equipment (TMDE)**  
**091-109-0001**

**Conditions:** Given applicable TMDE, appropriate references, suitable tools, and suitable cleaning materials.

**Standards:** Maintain the TMDE IAW the applicable technical publications procedures and specifications. When this task is completed, the equipment must be fully mission-capable, or maintenance actions must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable references.	—	—
2. Inspect TMDE for damage.	—	—
3. Test-operate TMDE to determine proper operation.	—	—
4. Check calibration date (if calibration is required).	—	—
5. Clean and/or lubricate TMDE, if required.	—	—
6. Properly store or package TMDE after maintenance or use.	—	—
6. Maintain the Contact Test Set (CTS).	—	—
7. Complete The Army Management System (TAMMS) forms, as required.	—	—
8. Perform required Preventive Maintenance Checks and Services (PMCS).	—	—
10. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AR 750-43
- TB 43-180
- TM 11-6625-3052-14

**Related**

**Maintain Assigned Vehicles (PMCS)**

**091-109-0002**

**Conditions:** In a field or garrison environment, given an assigned vehicle with applicable technical publications, necessary forms, repair parts or Petroleum, Oil, and Lubricants (POL) products if needed, additional tools and equipment as indicated in TMs, and supervision/assistance.

**Standards:** Maintain assigned vehicle Preventive Maintenance Checks and Services (PMCS) IAW the applicable technical publications procedures and specifications. When this task is completed, the vehicle must be fully mission-capable, or deficiencies/shortcomings must be annotated and maintenance actions required to be performed by other than assigned vehicle operator identified.

**Performance Measures**

	<u>GO</u>	<u>NO GO</u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Perform preventive maintenance checks and services (PMCS) IAW TM.	—	—
5. Annotate actions taken on DA Form 5988-E.	—	—
6. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
DA PAM 738-750

**Related**



**Maintain Assigned Tool Kits  
091-109-0003**

**Conditions:** Given applicable tool kits, applicable references, cleaning materials, and solvents or lubricants.

**Standards:** Inspect and service the assigned tool kits IAW the applicable technical publications procedures and specifications. When this task is completed, assigned tools will be in operable condition, tool kits or sets complete, or section chief or supervisor notified of shortages.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable references.	—	—
2. Practice shop safety and maintenance discipline.	—	—
2. Inspect tools for serviceability and accountability.	—	—
3. Identify damaged items and notify supervisor.	—	—
4. Annotate corrective actions taken on DA Form 5988-E.	—	—
4. Apply lubricants or preservative, as needed.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NOGO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References  
Required**  
TM 9-243

**Related**

**Prepare Equipment Inspection and Maintenance Worksheet (DA Form 2404)  
091-109-0005**

**Conditions:** Given the necessary forms, DA Pam 738-750, pencil, and applicable equipment publication(s).

**Standards:** Prepare DA Form 2404 must be prepared IAW DA Pam 738-750.

**Performance Measures**

	<u>GO</u>	<u>NO GO</u>
1. Refer to DA Pam 738-750.	—	—
2. Complete form heading according to the type of inspection to be performed.	—	—
3. Enter deficiencies/shortcomings and corrective actions, if required.	—	—
4. Notify supervisor of complete or incomplete maintenance actions.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
DA FORM 2404  
DA PAM 738-750

**Related**

Subject Area 2: TECHNICAL TASKS (SKILL LEVEL 1/2)

**Correct Malfunction of Diesel Power Plant/Packs/Units  
091-63M-2001**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of diesel power plant/pack/unit IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect diesel power plant/pack/unit systems/components.	—	—
5. Troubleshoot diesel power plant/pack/unit and determine maintenance action to be performed.	—	—
6. Adjust and/or replace power plant/pack/unit systems/components.	—	—
7. Perform a final operational test to verify that the diesel power plant/pack/unit malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-1-1
- TM 9-2350-284-20-1-2
- TM 9-2350-284-20-1-3
- TM 9-2350-284-20-1-4
- TM 9-2350-284-20-1-5

**Related**

**Correct Malfunction of Compression Ignition Systems  
091-63M-2002**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of compression ignition system IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect compression ignition systems/components.	—	—
5. Troubleshoot compression ignition system and determine maintenance action to be performed.	—	—
6. Replace the generator.	—	—
7. Perform a final operational test to verify that the compression ignition system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Liquid Cooling Systems  
091-63M-2003**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of liquid cooled engine IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the liquid cooled engine system component(s).	—	—
5. Troubleshoot liquid cooled engine and determine the maintenance action to be performed:	—	—
a. Replace the cooling fan.		
b. Replace the radiator.		
c. Replace and/or adjust the coolant pump.		
6. Perform a final operational test to verify that the liquid cooled engine malfunction(s) is corrected to specification.	—	—
7. Annotate corrective actions taken on the DA Form 5988-E.	—	—
8. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Compression Ignition Engine Fuel Systems  
091-63M-2004**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of compression ignition engine fuel system IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect compression ignition engine fuel systems/components.	—	—
5. Troubleshoot compression ignition engine fuel system and determine the maintenance action to be performed:	—	—
a. Replace the fuel pump.		
b. Replace the fuel gauge.		
6. Perform a final operational test to verify that the compression ignition engine fuel system malfunction is corrected to specification.	—	—
7. Annotate corrective actions taken on the DA Form 5988-E.	—	—
8. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-1-1
- TM 9-2350-284-20-1-2
- TM 9-2350-284-20-1-3
- TM 9-2350-284-20-1-4
- TM 9-2350-284-20-1-5

**Related**

**Correct Malfunction of Variable Pressure Type (PT) Diesel Fuel Systems  
091-63M-2005**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of variable pressure type (PT) diesel fuel system IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Practice shop safety and maintenance discipline.	—	—
3. Select and use applicable tools and TMDE.	—	—
4. Inspect the variable PT diesel fuel systems/components.	—	—
5. Troubleshoot variable PT diesel fuel systems and determine the maintenance action to be performed.	—	—
6. Replace the cold start fuel pump.	—	—
7. Perform a final operational test to verify that the variable PT diesel fuel system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Compression Ignition Air Induction Systems  
091-63M-2006**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of compression ignition air induction systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the compression ignition air induction systems/components.	—	—
5. Troubleshoot the compression ignition air induction system.	—	—
6. Determine the maintenance action to be performed.	—	—
7. Perform a final operational test to verify that the compression ignition air induction system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	



**Correct Malfunction of Vehicle Charging Systems  
091-63M-2007**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of vehicle charging systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the vehicle charging systems/components.	—	—
5. Troubleshoot vehicle charging system and determine maintenance action to be performed.	—	—
6. Adjust and/or replace vehicle charging systems/components.	—	—
7. Perform a final operational test to verify that the vehicle charging system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Track Hull Electrical Systems  
091-63M-2008**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of track hull electrical systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect track hull electrical systems/components.	—	—
5. Troubleshoot track hull electrical systems.	—	—
6. Replace vehicle distribution box.	—	—
7. Perform a final operational test to verify that the track hull electrical system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Crossdrive Transmission Assemblies  
091-63M-2009**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of crossdrive transmission assemblies IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the crossdrive transmission assembly systems/components.	—	—
5. Troubleshoot the crossdrive transmission assembly and determine maintenance action to be performed.	—	—
a. Adjust the controller cut-in.		
b. Adjust neutral steer.		
6. Perform a final operational test to verify that the crossdrive transmission assembly malfunction(s) is corrected to specification.	—	—
7. Annotate corrective actions taken on the DA Form 5988-E.	—	—
8. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-10-2
- TM 9-2350-284-20-1-1
- TM 9-2350-284-20-1-2
- TM 9-2350-284-20-1-3
- TM 9-2350-284-20-1-4
- TM 9-2350-284-20-1-5

**Related**

**Correct Malfunction of Mechanical Brake Systems  
091-63M-2010**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of the mechanical brake systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the mechanical brake systems/components.	—	—
5. Troubleshoot the M998 series brakes and determine maintenance action to be performed.	—	—
a. Replace front service brake caliper.		
b. Adjust parking brake.		
6. Troubleshoot and adjust the M88 series mechanical brake systems.	—	—
7. Troubleshoot M2/M3 series brake system and determine maintenance action to be performed.	—	—
a. Adjust output service brakes.		
b. Adjust parking brakes.		
8. Perform a final operational test to verify that the mechanical brake system malfunction(s) is corrected to specification.	—	—
9. Annotate corrective actions taken on the DA Form 5988-E.	—	—
10. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Track Vehicle Suspension Systems  
091-63M-2011**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of track vehicle suspension systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the track vehicle suspension systems/components.	—	—
5. Troubleshoot track vehicle suspension systems and determine the maintenance action to be performed.	—	—
a. Replace road wheel arm.		
b. Replace torsion bar.		
c. Replace track adjuster.		
6. Perform a final operational test to verify that the track vehicle suspension systems malfunction(s) is corrected to specification.	—	—
7. Annotate corrective actions taken on the DA Form 5988-E.	—	—
8. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Fire Suppression System  
091-63M-2012**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of the fire suppression system IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the fire suppression system/components.	—	—
5. Troubleshoot the fire suppression system and determine maintenance action to be performed.	—	—
6. Replace the outer crew compartment fire suppression assembly.	—	—
7. Perform a final operational test to verify that the fire suppression system malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Correct Malfunction of Hydroelectric Power Supply (Ramp System)  
091-63M-2013**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of hydroelectric power supply (ramp system) IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect the hydroelectric power supply systems/components.	—	—
5. Troubleshoot the ramp assembly and determine maintenance action to be performed.	—	—
a. Replace the distribution box.		
b. Replace the ramp hydroelectric pump.		
c. Repair IW10 wiring harness.		
6. Perform a final operational test to verify that the hydroelectric power supply malfunction(s) is corrected to specification.	—	—
7. Annotate corrective actions taken on the DA Form 5988-E.	—	—
8. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Perform Scheduled Services on M2/M3 Bradley Fighting Vehicle Systems  
091-63M-2014**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Perform schedule services on M2/M3 Bradley Fighting Vehicle (BFV) systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Perform unit preventative maintenance checks and services on the M2/M3 BFV.	—	—
5. Annotate corrective actions taken on the DA Form 5988-E.	—	—
6. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	



**Correct Malfunction of Cannon Assemblies  
091-63M-2015**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of the cannon assembly IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect cannon assembly systems/components.	—	—
5. Remove the M242, 25mm automatic gun.	—	—
6. Troubleshoot the M242, 25mm automatic gun.	—	—
7. Repair the bolt and carrier assembly.	—	—
8. Install the M242, 25mm automatic gun.	—	—
9. Perform a final operational test to verify that the cannon assembly malfunction(s) is corrected to specification.	—	—
10. Annotate corrective actions taken on the DA Form 5988-E.	—	—
11. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-2-1
- TM 9-2350-284-20-2-2
- TM 9-2350-284-20-2-3

**Related**

**Correct Malfunction of Turret Missile Launchers  
091-63M-2016**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle, M901 series ITV, or M981 series FISTV; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs. A maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of turret missile launcher IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect turret missile launcher systems/components.	—	—
5. Troubleshoot M2/M3 TOW rotor and gun rotor deck clearance switches.	—	—
a. Adjust TOW rotor switch assembly.		
b. Adjust gun rotor deck clearance switch.		
6. Troubleshoot M2/M3 TOW elevation drive and lift mechanism assemblies.	—	—
a. Adjust TOW elevation drive variable resistor assembly.		
b. Adjust TOW lift mechanism lower limit position switch.		
c. Adjust TOW lift mechanism upper limit position switch.		
d. Adjust TOW elevation drive shift linkage.		
7. Troubleshoot M901 series ITV or M981 series FISTV turret switch assemblies and traverse/erection/elevation components.	—	—
a. Repair azimuth switch assembly.		
b. Repair driver's cargo open/cargo closed and gunner's (wpns) hatch proximity switches.		
c. Replace slew or azimuth track brake.		
d. Replace elevation arm cylinder assembly.		
e. Replace erection arm drive motor.		
f. Replace hydraulic oil filter.		
g. Replace/service hydraulic accumulator.		
8. Perform a final operational test to verify that the turret missile launcher malfunction(s) is corrected to specification.	—	—
9. Annotate corrective actions taken on the DA Form 5988-E.	—	—
10. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	

**References**

**Required**

TM 9-2350-284-20-2-2

TM 9-2350-284-20-2-3

**Related**

**Correct Malfunction of Ammunition Feeder-Loader Systems  
091-63M-2017**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of ammunition feeder-loader system IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect ammunition feeder-loader systems/components.	—	—
5. Troubleshoot the M242, 25mm automatic gun.	—	—
6. Replace the round positioner assembly.	—	—
7. Repair the feeder handle assembly.	—	—
8. Repair the chain guides and mechanical interlock assembly.	—	—
9. Repair the track assembly.	—	—
10. Perform a final operational test to verify that the ammunition feeder-loader system malfunction(s) is corrected to specification.	—	—
11. Annotate corrective actions taken on the DA Form 5988-E.	—	—
12. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	

**Correct Malfunction of Traversing Systems**

**091-63M-2018**

**Conditions:** In a field or garrison environment, given M2/M3 series vehicle, an M901 series ITV, or an M981 series FISTV; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs. A maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of the traversing systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect traversing systems/components.	—	—
5. Troubleshoot the M2/M3 turret traversing/elevating systems using TMDE and determine maintenance action to be performed.	—	—
a. Replace and adjust the gun resolver.		
b. Replace and adjust the TOW resolver.		
c. Troubleshoot and adjust the traverse drive brake sensitive switch and traverse drive shift linkage.		
d. Troubleshoot and adjust the traverse drive system.		
e. Troubleshoot and replace the encoder and slip ring assembly.		
f. Troubleshoot and adjust the azimuth logic system.		
g. Adjust gun rotor deck clearance switch.		
6. Troubleshoot the M901 ITV/M981 FISTV traversing systems and determine maintenance action to be performed.	—	—
a. Repair azimuth switch assembly.		
b. Repair driver's cargo open/cargo closed and gunner's (wpns) hatch proximity switches.		
c. Replace the azimuth or slew track brake.		
7. Perform a final operational test to verify that the traversing systems malfunctions is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	

**Correct Malfunction of Turret Electrical Power Distribution Systems  
091-63M-2019**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle, M901 series ITV, or M981 series FISTV; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs. A maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Correct malfunction of turret electrical power distribution systems IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect turret electrical power distribution systems/components.	—	—
5. Diagnose turret electrical power distribution systems fault(s) by troubleshooting the turret system using TMDE and determine maintenance action(s) required.	—	—
6. Adjust and/or replace turret electrical power distribution systems/components.	—	—
7. Perform a final operational test to verify that the turret electrical power distribution systems malfunction(s) is corrected to specification.	—	—
8. Annotate corrective actions taken on the DA Form 5988-E.	—	—
9. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	

**Perform Scheduled Services on M2/M3 BFV Turret  
091-63M-2020**

**Conditions:** In a field or garrison environment, given an M2/M3 series vehicle; repair parts; artillery and turret mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; applicable technical publications; and supervision/assistance.

**Standards:** Perform scheduled services on M2/M3 BFV turret IAW the applicable technical publications. When this task is completed, the equipment or end item must be fully mission-capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and use applicable technical publications.	—	—
2. Select and use applicable tools and TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Perform unit preventive maintenance checks and services on the M2/M3 BFV turret.	—	—
5. Annotate corrective actions taken on the DA Form 5988-E.	—	—
6. Maintain tools and equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	

Subject Area 3: RECOVERY (ASI H8 ONLY)

**Locate a Recovery Site**

**091-H8C-2001**

**Conditions:** In a classroom/field environment, given assistance, a military map 1:50,000 scale, protractor, straight edge and FM 21-26.

**Standards:** Locate a recovery site to within 10 meters and identify primary and alternate recovery routes determining distance for both with no greater than a 10% error.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Selected/used applicable publications.	—	—
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 steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 21-26

FM 21-31

**Related**

TC 43-35



**Determine Recovery Methods  
091-H8C-2002**

**Conditions:** In a classroom and field environment, given FM 9-43-2, FM 5-125, Rigging Card, pencil and paper, snatch blocks, wire ropes and cables.

**Standards:** Determine Recovery Methods, source of effort and mechanical advantage needed IAW references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Selected and used applicable publications.	—	—
2. Reconnoitered area.	—	—
3. Estimated situation.	—	—
4. Calculated ratios.	—	—
5. Obtained resistance.	—	—
6. Verified solution.	—	—
7. Erected rigging.	—	—
8. Rechecked rigging.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
 FM 5-125  
 FM 9-43-2  
 TC 43-35

**Related**

**Operate Tactical Communications Equipment  
091-H8C-2003**

**Conditions:** In a classroom/field environment given an FM radio, M88A1 or M88A2 recovery vehicle, TM 11-5820-890-10-3, TM 9-2350-256-10, TM 9-2350-292-10, FM 24-35, and training SOI/DRYAD.

**Standards:** The soldier will state the procedures to install, operate, use correct radio procedures for clear concise and secure communication IAW the appropriate publications.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Selected/used applicable publications.	—	—
2. Prepared communication equipment for operation.	—	—
3. Send tactical communications.	—	—
4. Receive tactical communications.	—	—
5. Shut down tactical communication operation.	—	—
6. Followed prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 24-18
- FM 24-35
- TM 9-2350-256-10
- TM 9-2350-292-10
- TM 11-5830-340-12
- TM 11-5820-401-10-1
- TM 11-5820-401-10-2
- TM 11-5820-401-10-4
- TM 11-5820-890-10-3

**Related**

- TC 43-35

**Operate Metal Cutting Equipment  
091-H8C-2004**

**Conditions:** In a classroom / shop environment with assistance, given oxyacetylene equipment, tools, safety equipment, and applicable references.

**Standards:** Set up the Oxyacetylene equipment, and cut metal, and practice shop safety IAW the procedures in the applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Selected/used applicable publications.	—	—
2. Determined the method to cut metal.	—	—
3. Prepared metal cutting equipment as required.	—	—
4. Cut metal.	—	—
5. Secured metal cutting equipment.	—	—
6. Followed prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References  
Required**  
TC 9-237

**Related**  
AR 385-10  
AR 750-1  
DA PAM 738-750  
TC 43-35  
TM 9-243

**Maintain Recovery Vehicle Weapons  
091-H8T-2001**

**Conditions:** In a classroom and shop environment, given an M88 series vehicle general mechanic tool Kit, DA Form 2404/5988E, references, and applicable BII.

**Standards:** Maintain the M88 series vehicle weapons in accordance with the Preventive Maintenance Checks and Services table, procedures and specifications of the applicable technical manual.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Selected/used applicable publications.	—	—
2. Used proper safety methods.	—	—
3. Disassembled machine gun.	—	—
4. Checked for broken or missing parts.	—	—
5. Ensured all parts are clean and lubricated.	—	—
6. Assembled machine gun.	—	—
7. Set head-space and timing.	—	—
8. Inspected machine gun mount for missing, cracked, or broken parts.	—	—
9. Ensured launcher tubes are free of rust, dirt, and corrosion.	—	—
10. Ensured that grenade launcher wiring harness connectors are connected.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2320-272-24-1
- TM 9-2320-272-24-2
- TM 9-2320-279-20-1
- TM 9-2320-279-20-2

**Related**

- AR 385-10
- AR 750-1

**Perform Preventive Maintenance Checks and Services on Tracked Recovery Vehicle  
091-H8T-2002**

**Conditions:** In a classroom and shop environment, given an M88 series vehicle general mechanic tool kit, duocheck meter/battery hydrometer, DA Form 2404/5988, 0-600 foot pound torque wrench, and references (TM 9-2350-256-10 or TM 9-2350-292-10).

**Standards:** Inspect the M88 series vehicle in accordance with the Preventive Maintenance Checks and Services table of the applicable technical manual, and record deficiencies on DA Form 2404/5988-E IAW with DA Pam 738-750.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Describe operation of vehicle systems/subsystems.	—	—
4. Determine readiness of system components.	—	—
5. Identify deficiencies and shortcomings.	—	—
6. Correct shortcomings identified as operator maintenance.	—	—
7. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-292-10

**Related**

**Use Basic Issue Items Related to Tracked Recovery Vehicle  
091-H8T-2003**

**Conditions:** In a classroom and motor pool, given a M88A1 or M88A2 Track Recovery Vehicle, TM 9 2350-256-10 or TM 9-2350-292-10, cleaning supplies, general mechanics tool kit and DA Form 2404/5988E.

**Standards:** Remove, clean and store the recovery related COEI and selected BII IAW the procedures in TM 9-2350-256-10 and TM 9-2350-292-10.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Inventory and determine serviceability of BII.	—	—
3. Repair BII as required.	—	—
4. Replace BII as required.	—	—
5. Use BII as required.	—	—
6. Service BII as required	—	—
7. Properly store BII.	—	—
8. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 9-43-2
- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-292-10

**Related**

- DA FORM 2404
- DA FORM 5988-E

**Drive Tracked Recovery Vehicle  
091-H8T-2004**

**Conditions:** Given an M88A1 w/BII and COEI, TM 9-2350-256-10, DA Form 5988-E, designated obstacle course in a field environment.

**Standards:** Negotiate obstacles in forward and reverse gears without stalling, jerking, getting stuck, or causing damage to the vehicle while obeying all safety procedures, traffic regulations and hand signals.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select/use applicable publications.	—	—
2. Perform PMCS.	—	—
3. Start engine.	—	—
4. Place vehicle in motion.	—	—
5. Drive vehicle, maintaining proper engine speed when descending and ascending grades.	—	—
6. Drive vehicle in reverse.	—	—
7. Stop vehicle.	—	—
8. Park vehicle.	—	—
9. Stop engine ( normal and emergency procedures).	—	—
10. Complete TAMMS forms as required.	—	—
11. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
TM 9-2350-256-10  
TM 9-2350-256-20

**Related**  
DA FORM 5988-E

**Operate Auxiliary Power Unit  
091-H8T-2005**

**Conditions:** In a classroom and shop environment with supervision, an M88A1 or M88A2 recovery vehicle, required safety equipment, appropriate BII, and TM 9-2350-256-10 or TM 9-2350-292-10.

**Standards:** Operate the APU and 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.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Start APU.	—	—
3. Actuate generator switch to charge batteries.	—	—
4. Engage hydraulic control levers to start refuel / defuel pump.	—	—
5. Connect and operate hydraulic equipment.	—	—
6. Shut down APU.	—	—
7. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-292-10

**Related**

- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-256-34-1
- TM 9-2350-256-34-2



**Operate the Boom and Hoist Winch on a Tracked Recovery Vehicle  
091-H8T-2006**

**Conditions:** In a classroom and motorpool environment. Given an M88A1 or M88A2 tracked recovery vehicle, DA Form 5988-E, DA Form 2404, TM 9-2350-256-10 or TM 9-2350-292-10 and supervision.

**Standards:** Rig and operate the Boom on the M88A1/M88A2 track recovery vehicle IAW the procedures in TM 9-2350-256-10 or TM 9-2350-292-10.

<b>Performance Measures</b>	<u>GO</u>	<u>NO GO</u>
1. Select / use applicable publications.	—	—
2. Prepare vehicle for use of hydraulic equipment .	—	—
3. Operate boom.	—	—
4. Operate hoist winch.	—	—
5. Secure hydraulic equipment as required.	—	—
6. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-256-34-2

**Related**

- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-256-34-1
- TM 9-2350-292-10

**Operate the Spade on a Tracked Recovery Vehicle  
091-H8T-2007**

**Conditions:** Perform task with assistance and supervision, given recovery vehicle with BII, required safety equipment, and appropriate publications.

**Standards:** The spade must be operated IAW the applicable technical publications' procedures and specifications without injury to personnel or damage to equipment. When this task is completed, the vehicle must be fully mission capable, or maintenance actions required to be performed by other than H8 SL 1/2 personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Prepare vehicle for use of hydraulic equipment.	—	—
3. Operate spade.	—	—
4. Secure hydraulic equipment as required.	—	—
5. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-292-10

**Related**

**Operate the Witches on a Tracked Recovery Vehicle  
091-H8T-2008**

**Conditions:** In a classroom and field environment, with assistance and supervision, given and M88A1 or M88A2 tracked recovery vehicle with BII, required safety equipment, and TM 9-2350-256-10 or TM 9-2350-292-10.

**Standards:** Operate the main winch and auxiliary winch IAW the procedures in TM 9-2350-256-10 and TM 9-2350-292-10 without causing damage to the equipment or injury to personnel.

<b>Performance Measures</b>	<u>GO</u>	<u>NO GO</u>
1. Select/use applicable publications.	—	—
2. Prepare vehicle for use hydraulic equipment.	—	—
3. Operate main winch.	—	—
4. Secure hydraulic equipment as required.	—	—
5. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20
- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-256-34-1
- TM 9-2350-256-34-2
- TM 9-2350-292-10

**Related**

**Recover a Mired Tracked Vehicle  
091-H8T-2009**

**Conditions:** In a control field environment given a recovery vehicle (M88A1 or M88A2) with BII, mired track vehicle, and applicable references.

**Standards:** Task must be accomplished IAW applicable technical publication's procedures and specifications. All safety precautions must be observed.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select/use applicable publications.	—	—
2. Determine method of rigging.	—	—
3. Attach cables to the mired vehicle.	—	—
4. Prepare recovery vehicle for recovery operations.	—	—
5. Establish communication between vehicles.	—	—
6. Recover mired vehicle, ensuring that all safety practices are followed.	—	—
7. Secure recovery equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20

**Related**

- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-256-34-1
- TM 9-2350-256-34-2

**Recover an Overturned Tracked Vehicle  
091-H8T-2010**

**Conditions:** In a control field environment perform task with assistance and supervision, given applicable recovery vehicle and an overturned tracked vehicle, required safety equipment, appropriate BII, other required hardware, and applicable publications.

**Standards:** The vehicle must be recovered from the overturned position IAW applicable technical publication's.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Position recovery vehicle.	—	—
3. Attach cables to the overturned vehicle.	—	—
4. Prepare recovery vehicle for recovery operations.	—	—
5. Establish communication with ground guide.	—	—
6. Recover overturned vehicle, ensuring that all safety practices are followed.	—	—
7. Secure recovery equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-256-10
- TM 9-2350-256-20

**Related**

- TM 9-2350-256-24P-1
- TM 9-2350-256-24P-2
- TM 9-2350-256-34-1
- TM 9-2350-256-34-2

**Lift and Tow a Disabled Vehicle**  
**091-H8T-2011**

**Conditions:** In a field or garrison given a M88A1 recovery vehicle, required materials, general mechanic tool kit and applicable technical manual(s).

**Standards:** Lift and tow a disabled vehicle IAW applicable technical publications, procedures and specifications.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select and used applicable publications.	—	—
2. Determine method for towing.	—	—
3. Prepare vehicle for towing.	—	—
4. Hook up vehicle for towing.	—	—
5. Follow prescribed safety procedures.	—	—
6. Establish communication between vehicles.	—	—
7. Tow vehicle to predetermined site.	—	—
8. Disconnect vehicle.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 5-125
- FM 9-43-2
- TM 9-2350-256-10

**Related**

**Cross Country Tow of a Tracked Vehicle  
091-H8T-2012**

**Conditions:** In a field or garrison given a M88A1 recovery vehicle, required materials, general mechanic tool kit and applicable technical manual(s).

**Standards:** Tow a disabled vehicle to a predetermined location without causing damage to the equipment or injury to personnel IAW applicable publications.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select/use applicable publications.	—	—
2. Follow prescribed safety procedures.	—	—
3. Position recovery vehicle.	—	—
4. Prepare vehicle for towing.	—	—
5. Prepare recovery vehicle for towing operation.	—	—
6. Attach towing bar to disabled vehicle.	—	—
7. Operate boom.	—	—
8. Tow disabled vehicle.	—	—
9. Disconnect towed vehicle.	—	—
10. Secure recovery equipment.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
 FM 5-125  
 FM 9-43-2  
 TM 9-2350-256-10

**Related**

**Perform Field Expedient Recovery on a Tracked Vehicle  
091-H8T-2013**

**Conditions:** In a control field environment, perform task with assistance and supervision, given applicable recovery vehicle, required safety equipment, appropriate BII, other required hardware, and applicable publications.

**Standards:** The vehicle must be recovered using self/field expedient procedures IAW applicable technical publications

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Determine method of field expedient recovery.	—	—
3. Prepare vehicle for field expedient recovery as required.	—	—
4. Perform vehicle field expedient recovery.	—	—
5. Secure recovery equipment.	—	—
6. Follow prescribed safety procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps were passed. Score the soldier NO GO if any step was failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**  
**Required**  
 FM 9-43-2

**Related**



Subject Area 4: BRADLEY A3 TASKS (ASI B9 ONLY)

**Familiarization of Bradley Automated Diagnostic System (BRADS)  
091-AB9-0001**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Correct the malfunction of the Bradley Automated Diagnostic System (BRADS) IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select/use applicable references.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Describe how systems/components operate and function.	—	—
4. Locate and identify major components.	—	—
5. Perform power-up procedures of the Bradley Automated Diagnostic System.	—	—
6. Log on the Bradley Automated Diagnostic System.	—	—
7. Perform operational procedures of the Bradley Automated Diagnostic System.	—	—
8. Navigate through the on-board computer system.	—	—
9. Perform shut-down procedures of the Bradley Automated Diagnostic System.	—	—
10. Complete TAMMS forms, as required.	—	—
11. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-1-1
- TM 9-2350-294-20-1-2
- TM 9-2350-294-20-1-3
- TM 9-2350-294-20-1-4
- TM 9-2350-294-20-1-5
- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Familiarization of Vehicle Diagnostic Maintenance Software (VDMS)  
091-AB9-0002**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Correct the malfunction of the turret system using Vehicle Diagnostic Maintenance Software (VDMS) IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot turret malfunctions using the vehicle diagnostic maintenance software (VDMS).	—	—
6. Diagnose turret malfunctions using the vehicle diagnostic maintenance software (VDMS).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Familiarization of Vehicle 1553 Data Bus System  
091-AB9-0003**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer, tools, TMDE and applicable references.

**Standards:** Correct the malfunction of the vehicle 1553 data bus system IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot vehicle 1553 data bus using the Bradley Automated diagnostic system.	—	—
6. Diagnose vehicle 1553 data bus using the Bradley Automated diagnostic system.	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-1-1
- TM 9-2350-294-20-1-2
- TM 9-2350-294-20-1-3
- TM 9-2350-294-20-1-4
- TM 9-2350-294-20-1-5
- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Operation of SINCGARS, FBCB2, and VIS Communication System  
091-AB9-0004**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Correct the malfunction of the SINCGARS, FBCB2, and VIS communication System IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Locate and identify major components.	—	—
5. Perform power up procedures of SINCGARS, FBCB2, and VIS Communication systems.	—	—
6. Perform operational procedures of the SINCGARS, FBCB2, and VIS Communication systems.	—	—
a. Load COMSEC and time.		
b. Complete a transmission.		
7. Perform shut-down procedures of the SINCGARS, FBCB2, and VIS Communication systems.	—	—
8. Complete TAMMS forms, as required.	—	—
9. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

TM 11-5820-890-10-2

TM 11-5820-890-10-8

**Related**

**Perform Operational Procedures Using Vehicle Software  
091-AB9-0005**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Perform operational procedures using vehicle software IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	_____	_____
2. Select/use proper tools/TMDE.	_____	_____
3. Practice shop safety and maintenance discipline.	_____	_____
4. Locate and identify major components.	_____	_____
5. Inspect system components for loose connectors and cables.	_____	_____
6. Perform initial equipment set up procedures.	_____	_____
7. Perform all procedural steps using vehicle software IAW references.	_____	_____
8. Complete TAMMS forms, as required.	_____	_____
9. Maintain tools, equipment, and TMDE.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-1-1
- TM 9-2350-294-20-1-2
- TM 9-2350-294-20-1-3
- TM 9-2350-294-20-1-4
- TM 9-2350-294-20-1-5
- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Perform Boresight Procedures on the TOW and 25MM Gun  
091-AB9-0007**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Perform boresight procedures on the TOW and 25mm gun IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Perform initial boresight procedures.	—	—
5. Perform all boresight alignment procedural steps IAW references.	—	—
6. Perform an operational check on the TOW and 25 mm gun.	—	—
7. Complete TAMMS forms, as required.	—	—
8. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-294-10-1	
TM 9-2350-294-10-2-1	
TM 9-2350-294-10-2-2	
TM 9-2350-294-20-2-1	
TM 9-2350-294-20-2-2	
TM 9-2350-294-20-2-3	

**Maintain Turret Drive Subsystem (TDS)  
091-AB9-0008**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Maintain the turret drive subsystem (TDS) IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u>GO</u>	<u>NO GO</u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot the turret drive subsystem (TDS).	—	—
6. Diagnose the turret drive subsystem (TDS).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Maintain Position Sensor Subsystem (PSS)**

**091-AB9-0009**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Maintain the position sensor subsystem (PSS) IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable references.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot the Position Sensor Subsystem (PSS).	—	—
6. Diagnose the Position Sensor Subsystem (PSS).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2



**Maintain Improved Bradley Acquisition Subsystem (IBAS)  
091-AB9-0010**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer, tools, and applicable references.

**Standards:** Maintain the Improved Bradley Acquisition Subsystem (IBAS) IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot Improved Bradley Acquisition Subsystem (IBAS).	—	—
6. Diagnose Improved Bradley Acquisition Subsystem (IBAS).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Maintain Commander's Independent Viewer (CIV) Subsystem  
091-AB9-0011**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer, tools, TMDE and applicable references.

**Standards:** Maintain the commander's independent viewer subsystem IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect Commander's Independent Viewer (CIV) for loose connectors or cables.	—	—
5. Troubleshoot Commander's Independent Viewer (CIV).	—	—
6. Diagnose Commander's Independent Viewer (CIV).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Maintain Fire Control Subsystem (FCS)  
091-AB9-0012**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Maintain the fire control subsystem IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot the fire control subsystem.	—	—
6. Diagnose the fire control subsystem.	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintained tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Operation of Commander's Tactical Display (CTD)**

**091-AB9-0013**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Operate the commander's tactical display IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot Commander's Tactical Display (CTD).	—	—
6. Diagnose Commander's Tactical Display (CTD).	—	—
7. Replace defective component(s).	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Perform Fault Isolation Test (FIT) using Vehicle Diagnostic Maintenance Software (VDMS)  
091-AB9-0014**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Perform fault isolation test using vehicle diagnostic maintenance software IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Select/use applicable references.	—	—
2. Select/use proper tools/TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Prepare vehicle for Fault Isolation Test (FIT).	—	—
5. Perform Fault Isolation Test (FIT).	—	—
6. Record findings of Fault Isolation Test (FIT).	—	—
7. Replace defective component.	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-1-1
- TM 9-2350-294-20-1-2
- TM 9-2350-294-20-1-3
- TM 9-2350-294-20-1-4
- TM 9-2350-294-20-1-5
- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

**Maintain Turret Cooling Fan Components  
091-AB9-0015**

**Conditions:** In a classroom/shop environment, given a M2/M3A3 series vehicle or a M2/M3A3 series turret trainer and applicable references.

**Standards:** Maintain turret cooling fan components IAW applicable technical publications. When the task is completed, the equipment or end item is fully mission capable, or required maintenance actions to be performed by other than 63M SL 1/2 personnel will be identified.

<b>Performance Measures</b>	<u>GO</u>	<u>NO GO</u>
1. Select/use applicable publications.	—	—
2. Select/use proper tools.TMDE.	—	—
3. Practice shop safety and maintenance discipline.	—	—
4. Inspect system components for loose connectors and cables.	—	—
5. Troubleshoot turret cooling fan.	—	—
6. Diagnose turret cooling fan.	—	—
7. Replace defective turret cooling fan component.	—	—
8. Verify fault has been corrected.	—	—
9. Complete TAMMS forms, as required.	—	—
10. Maintain tools, equipment, and TMDE.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-294-20-2-1
- TM 9-2350-294-20-2-2
- TM 9-2350-294-20-2-3

**Related**

- TM 9-2350-294-10-1
- TM 9-2350-294-10-2-1
- TM 9-2350-294-10-2-2

Skill Level 3

Subject Area 5: COMMON LOGISTIC TASKS

**Manage a Shop Safety Program**

**091-CLT-3001**

**Conditions:** In a field or garrison environment, given a maintenance site/facility, maintenance personnel, and applicable references.

**Standards:** Ensured personnel followed all safety procedures, that preventable accidents were avoided, and if accidents occurred that they were properly recorded and reported, IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured all safety references were on hand.	—	—
2. Established and documented goals and requirements for a successful shop safety and accident prevention program.	—	—
3. Briefed and regularly updated subordinates on shop safety program.	—	—
4. Conducted initial safety inspections.	—	—
5. Ensured initial safety concerns and violations were corrected.	—	—
6. Conducted scheduled and unscheduled safety inspections.	—	—
7. Documented safety violations, reported the violations as required, and conducted follow-up inspections to ensure violations were/remained corrected.	—	—
8. Kept necessary records of safety inspections and accident reports.	—	—
9. Ensured MSDS were prepared and maintained as required in applicable work areas.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AR 190-13
- AR 220-1
- AR 700-138
- AR 750-1
- DA PAM 738-750
- FM 4-30.3 (FM 9-43-1)
- TB 43-180

**Related**

- AR 385-10
- AR 385-40
- AR 385-55

**Maintain a Publications Library  
091-CLT-3002**

**Conditions:** In a field or garrison environment, given publications and storage location, local and higher headquarters publications indexes and publications procedures, SOP, and applicable forms and references.

**Standards:** Ensured required publications were on hand or ordered, publications were arranged and maintained properly, forms/records were properly maintained, and changes were posted IAW applicable references and local procedures.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Determined all publications required by the maintenance shop or section.	—	—
2. Reviewed and updated publications library SOP as needed.	—	—
3. Ensured that technical publications on hand/on order were the most current IAW DA Pam 25-30.	—	—
4. Ensured that doctrinal, training, and organizational publications on hand/on order were the most current IAW DA Pam 25-30 and local listings.	—	—
5. Ensured that administrative publications on hand/on order were the most current IAW DA Pam 25-30.	—	—
6. Ensured that local and higher headquarters publications on hand/on order were the most current IAW DA Pam 25-30 and local listings.	—	—
7. Prepared DA Form 4569 IAW DA Pam 25-33.	—	—
8. Prepared the required transmittal form IAW DA Pam 25-33.	—	—
9. Prepared DA Forms 17 and 17-1 to request local and higher headquarters publications, IAW DA Pam 25-33 and local/higher headquarters' publications requisitioning procedures.	—	—
10. Ensured that published changes were posted to applicable publications IAW DA PAM 25-40 and publication change instructions.	—	—
11. Removed obsolete/rescinded/superseded publications from library IAW DA Pam 25-40 and publication change instructions.	—	—
12. Arranged publications in proper order and in a suitable location IAW DA Pam 25-40.	—	—
13. Labeled binders used for storing library publications IAW AR 25-400-2 applicable) and DA Pam 25-40.	—	—
14. Notified personnel to return loaned publications to the library in a timely manner IAW SOP.	—	—
15. Updated US Army Publishing Agency (USAPA), local, and higher headquarters publications accounts as required IAW DA Pam 25-33 and local/higher headquarters publication account instructions.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.



**References**

**Required**

AR 25-400-2  
DA PAM 25-30  
DA PAM 25-33

**Related**

AR 25-11

**Establish Maintenance Facilities  
091-CLT-3003**

**Conditions:** In a field or garrison environment, given a maintenance site, maintenance personnel, applicable equipment, maintenance shop/section SOP, and applicable references.

**Standards:** Set up a maintenance shop facility suitable for accomplishing necessary maintenance functions IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured applicable references and publications were available.	—	—
2. Identified commander's maintenance requirements for the accomplishment of the unit's mission.	—	—
3. Set up the maintenance facility IAW SOP.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Assist in Preparing a Standing Operating Procedure  
091-CLT-3004**

**Conditions:** In a field or garrison environment, given FM 9-43-1, higher headquarters SOP(s), and commander's guidance.

**Standards:** Prepared a draft copy of a maintenance shop/section internal or external SOP for supervisor's review, comment, and approval IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured applicable publications were available.	—	—
2. Ensured unit policies and commander's guidance were followed.	—	—
3. Ensured shop operation policies were adequately addressed.	—	—
4. Updated the shop SOP as required.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Manage Tool Control Procedures  
091-CLT-3005**

**Conditions:** In a field or garrison environment, given applicable supply catalog(s), applicable references, and hand receipt forms.

**Standards:** Managed tool control procedures IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured applicable references were available.	—	—
2. Established policies and procedures for the control of tools.	—	—
3. Ensured all DA Form 2062s were properly filled out and updated.	—	—
4. Ensured tools and equipment were inventoried IAW applicable references.	—	—
5. Ensured tool shortages were annotated on a shortage annex.	—	—
6. Ensured subordinates applied property accountability procedures.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AR 190-13
- AR 220-1
- AR 385-10
- AR 385-40
- AR 700-138
- AR 750-1
- DA PAM 710-2-1
- FM 101-5-1
- FM 4-30.3 (FM 9-43-1)

**Related**

- DA PAM 738-750

**Manage Key Control Procedures  
091-CLT-3006**

**Conditions:** In a field or garrison environment, given keys, key control rosters, key boxes/cabinets, and applicable publications.

**Standards:** Managed key control procedures IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured necessary publications were available.	—	—
2. Established key control policies and procedures.	—	—
3. Established key control access rosters.	—	—
4. Ensured personnel were aware of their responsibilities for the security and accountability of keys.	—	—
5. Ensured key control access rosters were properly maintained and adhered to.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
AR 190-13  
AR 190-51

**Related**

**Manage the TMDE Calibration Program  
091-CLT-3007**

**Conditions:** In a field or garrison environment, given TMDE, maintenance personnel, and applicable references.

**Standards:** Managed the TMDE calibration program IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured necessary publications were available.	—	—
2. Reviewed and updated TMDE computer printout list.	—	—
3. Ensured PMCS and inventory of all TMDE and auxiliary equipment are conducted, as required.	—	—
4. Ensured TMDE was turned in for calibration IAW computer printouts.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
AR 750-43  
TB 43-180

**Related**

**Recon Terrain/Route  
091-CLT-3008**

**Conditions:** In a field environment, given a maintenance situation/operations order (OPORD), operational overlay, grid coordinates of destination, vehicle with personnel, and applicable references.

**Standards:** Performed a route/terrain reconnaissance, and selected the most appropriate route to follow or the most appropriate location to set up a maintenance site, IAW maintenance situation/OPORD and applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary equipment and publications were available.	—	—
2. Performed a map recon of the terrain and route.	—	—
3. Selected personnel for recon team.	—	—
4.Recon route to determine best access to destination and to ensure safety of personnel and equipment.	—	—
5.Recon terrain to determine suitability for maintenance site use, to determine best avenues of entry and exit, and to ensure safety of personnel and equipment.	—	—
6. Reported findings and conclusions to supervisors.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)  
FM 5-170

**Related**

**Supervise Maintenance Operations  
091-CLT-3009**

**Conditions:** In a field or garrison environment, given maintenance personnel, equipment, maintenance facility/site, SOPs, and applicable references.

**Standards:** Established and maintained an effective maintenance shop operation IAW SOPs and applicable references.

**Performance Steps**

1. Ensure unit maintenance procedures are IAW AR 750-1, DA Pam 750-35 and local major command (MACOM) policies.
  - a. Review unit standing operating procedures (SOP) for maintenance.
  - b. Inform unit personnel of changes in policy and new policy that impacts unit SOP
2. Provide technical assistance to unit maintenance activities.
  - a. Inspect unit maintenance operations
  - b. Identify shortcomings
  - c. Make recommendations for corrective action.
  - d. provide training in maintenance procedures.
3. Provide maintenance management to units.
  - a. Review reports (MCRS and ULLS-G).
  - b. Coordinate with higher level maintenance activities
  - c. Direct cross-leveling of maintenance assets/workload.
  - d. Prioritize maintenance efforts of units.

**Performance Measures**

	<u>GO</u>	<u>NO GO</u>
1. Reviewed unit SOP as scheduled	—	—
2. Compared unit SOP against standards set in 750-35-35 (Aug 94), Pg.	—	—
3. Completed regular inspection of unit operations.	—	—
4. Compared unit operations against standards in AR 750-1, Da Pam 738-750 and DA 750, and DA Pam 750-35.	—	—
5. Inspect environmental protection practices for compliance.	—	—
6. Review safety program practices for compliance with AR 220-1	—	—
7. Recorded and submitted deficiencies to proper personnel for correction.	—	—
8. Recorded training needs.	—	—
9. Coordinated with appropriate personnel to provide needed training	—	—
10. Reviewed MCSR for accuracy and compliance with standards in AR 700-138, ADSM-25-L3N-AWA-EUM, and AISM -25-L3Q-AWC-ZZZ-CG	—	—
11. Coordinated with appropriate maintenance level to correct maintenance discrepancies.	—	—
12. Coordinated with TRADOC and AMC to ensure that emerging issues are addressed appropriately at the unit.	—	—



**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References****Required**

AR 190-51  
AR 385-10  
AR 385-40  
AR 385-55  
AR 600-55  
AR 700-4  
AR 710-2  
AR 725-50  
AR 735-11-1  
AR 735-5  
AR 750-43  
DA PAM 25-30  
DA PAM 710-2-2  
DA PAM 738-750  
DA PAM 750-1  
FM 4-30.3 (FM 9-43-1)

**Related**

**Interpret Maintenance Operational Overlay  
091-CLT-3010**

**Conditions:** In a field or garrison environment, given an operational overlay, map, maintenance situation/OPORD, and applicable references.

**Standards:** Interpreted the maintenance operational overlay by identifying key features and elements of the area of operation IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary references and materials were available.	—	—
2. Identified mapping symbols on the operational overlay.	—	—
3. Identified key features of the map and operational overlay.	—	—
4. Identified key elements of the area of operation on the map and operational overlay.	—	—
5. Updated the operational overlay, as necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 101-5-1
- FM 4-30.3 (FM 9-43-1)
- FM 5-170

**Related**

**Manage the Unit Level Logistics System (ULLS)  
091-CLT-3013**

**Conditions:** In a field or garrison environment, given a computer system(s) with Unit Level Logistics System-Ground (ULLS-G) software, database of equipment files, associated Army Materiel Status System (AMSS) software, ULLS operator, and applicable references.

**Standards:** Supervised ULLS-G functions of a unit-level maintenance shop IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured necessary equipment and references were available.	—	—
2. Ensured ULLS operator was properly trained.	—	—
3. Reviewed the ULLS system flow of information to and from system interfaces.	—	—
4. Reviewed ULLS-G maintenance forms for accuracy.	—	—
5. Analyzed ULLS-G reports and data to identify maintenance trends and problems.	—	—
a. Document register.		
b. PLL inventory report.		
c. Zero balance report.		
d. PLL excess management report.		
e. PLL inquiry.		
f. Not mission capable (NMC) report.		
6. Analyzed AMSS reports and data to identify maintenance trends and problems.	—	—
a. AMSS Authorization Report.		
b. Projected fully mission capable ( FMC) Rates Report.		
c. Equipment exception report.		
d. System status summary.		
e. Class IX failure data by administrative number.		
f. Rollup by equipment identification code ( EIC).		
g. Rollup by unit identification code (UIC).		
h. Non mission capable (NMC) Report.		

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AR 710-2

DA PAM 710-2-1

**Related**

**Manage the Unit Army Oil Analysis Program (AOAP)  
091-CLT-3014**

**Conditions:** In a field or garrison environment, given Automated Oil Analysis Log Printout, unit and higher headquarters' AOAP SOPs and policies, and applicable references.

**Standards:** Managed the unit AOAP IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured necessary publications were available.	—	—
2. Reviewed the objectives and policies of the AOAP Program.	—	—
3. Identified responsibilities of key AOAP personnel.	—	—
4. Ensured sampling intervals and procedures were followed.	—	—
5. Ensured samples are processed IAW applicable references and SOPs.	—	—
6. Ensured lab results are processed IAW applicable references and SOPs, and follow-up actions were completed.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO-GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
DA PAM 738-750  
TB 43-0211

**Related**

**Deploy Company Maintenance Team/Recovery Support Team  
091-CLT-3015**

**Conditions:** In a field or garrison environment, given a request for maintenance support/maintenance situation, map, operational overlay, grid coordinates of destination, vehicle(s), equipment, maintenance personnel, and applicable references.

**Standards:** Deployed the company maintenance team/recovery support team IAW the maintenance situation/request for maintenance support and applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Reviewed the request for maintenance support/maintenance situation.	—	—
2. Determined personnel and equipment requirements necessary to perform the mission.	—	—
3. Identified available resources for the company maintenance team/recovery support team, including personnel with applicable MOSs, vehicle(s), tools, test equipment, publications, repair parts, time, and facilities, as necessary.	—	—
4. Determined requirements for defending the team.	—	—
5. Briefed the team on the mission:	—	—
a. Reviewed the operational overlay.		
b. Conducted a map recon of the route and destination.		
6. Deployed the maintenance support team.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 101-5-1
- FM 4-30.3 (FM 9-43-1)
- FM 5-170

**Related**

**Review the Army Materiel Status System (AMSS) Reports  
091-CLT-3016**

**Conditions:** In a field or garrison environment, given AMSS reports produced from an ULLS-G system, and applicable references.

**Standards:** Analyzed AMSS reports and data to identify maintenance trends and problems IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary ULLS equipment and references were available.	—	—
2. Analyzed AMSS reports and data to identify maintenance trends and problems.	—	—
a. AMSS authorization report.		
b. Projected FMC rates report.		
c. Equipment exception report.		
d. System status summary.		
e. Class IX failure data by administrative number.		
f. Rollup by EIC.		
g. Rollup by UIC.		
h. NMC report.		

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AR 710-2  
DA PAM 710-2-1

**Related**

Subject Area 6: TECHNICAL TASKS (SKILL LEVEL 3)

**Perform Diagnostics Procedures of Cannon Assemblies  
091-63M-3001**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the cannon assembly and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Ensure task is within shop capability/authorization.	—	—
4. Determine the required maintenance action.	—	—
5. Ensure applicable technical publications are available.	—	—
6. Ensure the task is within shop capability/authorization.	—	—
7. Ensure proper tools are available to inspect, repair/replace, and test the cannon assembly.	—	—
8. Ensure proper tools are available to perform this task.	—	—
9. Ensure parts are identified and requisitioned as required.	—	—
a. Remove M242, 25mm automatic gun system from turret.		
b. Troubleshoot the M242, 25mm automatic gun.		
c. Replace the bolt and carrier assembly.		
10. Ensure applicable publications are available.	—	—
11. Assign personnel to perform the task.	—	—
12. Ensure all safety precautions are followed.	—	—
13. Provide assistance if necessary.	—	—
14. Ensure the task is performed to acceptable standards.	—	—
15. Conduct an in-process inspection.	—	—
16. Perform a final inspection.	—	—
17. Critique personnel on performance of the task.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

TM 9-2350-284-10-1  
TM 9-2350-284-20-2-1  
TM 9-2350-284-20-2-2  
TM 9-2350-284-20-2-3

**Related**



**Perform Diagnostic Procedures of Turret Missile Launchers  
091-63M-3002**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the turret missile launchers and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the maintenance action to be performed.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Perform troubleshooting of:		
(1) Turret electrical system.		
(2) Turret master/turret power system.		
(3) TOW elevation drive system.		
b. Remove and install the ISU.		
c. Adjust:		
(1) TOW elevation drive variable resistor.		
(2) TOW resolver.		
(3) TOW lift limit switches.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection to ensure the turret missile launcher is fully mission capable.	—	—
14. Perform a final inspection.	—	—
15. Critique personnel on performance of the task.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-2-1
- TM 9-2350-284-20-2-2
- TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Ammunition Feeder-Loader Systems  
091-63M-3003**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the ammunition feeder-loader systems and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
7. Diagnose ammunition feeder-loader system fault(s), and determine maintenance action to be performed.	—	—
a. Remove M242, 25mm automatic gun system from turret.		
b. Perform troubleshooting of:		
(1) M242, 25mm automatic gun using STE-M1/FVS or ATP.		
(2) Turret electrical system.		
(3) Turret master/turret power system.		
c. Replace:		
(1) Round positioner assembly.		
(2) Chain guides and mechanical interlock assembly.		
d. Repair the track assembly.		
8. Ensure applicable publications are available.	—	—
9. Assign personnel to perform the task.	—	—
10. Ensure all safety precautions are followed.	—	—
11. Provide assistance if necessary.	—	—
12. Ensure the task is performed to acceptable standards.	—	—
13. Conduct an in-process inspection.	—	—
14. Perform a final inspection.	—	—
15. Critique personnel on performance of the task.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-2-1
- TM 9-2350-284-20-2-2
- TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Traversing Systems  
091-63M-3004**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the traversing system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the maintenance action to be performed.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Perform troubleshooting of:		
(1) Turret electrical system.		
(2) Turret master/turret power system.		
(3) Turret drive power distribution/deck clearance systems.		
(4) Traverse drive system.		
b. Replace and adjust:		
(1) Slip ring assembly.		
(2) Traverse drive gearbox.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Critique personnel on performance of the task.	—	—
14. Perform a final inspection.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-2-1
- TM 9-2350-284-20-2-2
- TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Elevating Systems  
091-63M-3005**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the elevating system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and Skill Level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
7. Diagnose elevation system fault(s), and determine maintenance action to be performed.	—	—
a. Perform troubleshooting of:		
(1) Turret electrical system.		
(2) Turret master/turret power system.		
(3) Turret drive power distribution/deck clearance systems.		
(4) Gun elevation drive system.		
b. Replace and adjust:		
(1) Slip ring assembly.		
(2) Gun elevation drive gearbox.		
8. Ensure applicable publications are available.	—	—
9. Assign personnel to perform the task.	—	—
10. Ensure all safety precautions are followed.	—	—
11. Provide assistance if necessary.	—	—
12. Ensure the task is performed to acceptable standards.	—	—
13. Conduct an in-process inspection.	—	—
14. Perform a final inspection.	—	—
15. Critique personnel on performance of the task.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

TM 9-2350-284-10-1  
TM 9-2350-284-20-2-1  
TM 9-2350-284-20-2-2  
TM 9-2350-284-20-2-3

**Related**



**Perform Diagnostic Procedures of Stabilization Systems  
091-63M-3006**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the stabilization system and repair or replace its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Troubleshoot:		
(1) Turret electrical system.		
(2) Turret master/turret power system.		
(3) Turret drive power distribution/deck clearance systems.		
(4) Traverse drive system.		
(5) Gun elevation drive system.		
(6) Fire control system.		
b. Replace and adjust:		
(1) Slip ring assembly.		
(2) Traverse drive gearbox.		
(3) Gun elevation drive gearbox.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References****Required**

TM 9-2350-284-10-1  
TM 9-2350-284-20-2-1  
TM 9-2350-284-20-2-2  
TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Electrical Power Distribution Systems  
091-63M-3007**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the electrical power distribution systems and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Troubleshoot:		
(1) Turret electrical system.		
(2) Turret master/turret power system.		
(3) Turret drive power distribution/deck clearance systems.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Critique personnel on performance of the task.	—	—
14. Perform a final inspection.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	

**References**

**Required**

TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Electrical Firing Systems  
091-63M-3008**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the electrical firing system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level). When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Turret drive power distribution/deck clearance systems.		
b. Weapon firing systems using STE-M1/FVS or ATP.		
c. Fire control system.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-20-2-1
- TM 9-2350-284-20-2-2
- TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of Sighting/Fire Control Systems  
091-63M-3009**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the sighting/fire control system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level). When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Perform troubleshooting of		
(1) Turret systems.		
(2) Fire control systems.		
b. Boresight weapon systems:		
(1) M242, 25mm automatic gun.		
(2) 7.62mm coax.		
(3) TOW launcher		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

TM 9-2350-284-10-1  
TM 9-2350-284-20-2-1  
TM 9-2350-284-20-2-2  
TM 9-2350-284-20-2-3

**Related**

**Perform Diagnostic Procedures of NBC Systems  
091-63M-3010**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the NBC system and repair or replace its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level). When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment are properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	



**Perform Diagnostic Procedures of Fuel Systems  
091-63M-3011**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; and applicable technical publications.

**Standards:** Maintain the fuel system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and Skill Level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review work request.	—	—
2. Ensure task is within shop capability/authorization.	—	—
3. Ensure applicable technical publications are available.	—	—
4. Ensure proper tools are available to inspect, repair/replace, and test the fuel system.	—	—
5. Perform initial inspection.	—	—
6. Diagnose fuel system fault(s), and determine maintenance action to be performed.	—	—
7. Identify repair parts and requisition, if required.	—	—
8. Assign personnel to perform task.	—	—
9. Ensure all safety precautions and procedures are followed.	—	—
10. Provide assistance when necessary.	—	—
11. Ensure task is performed IAW appropriate TMs and references.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection to ensure the fuel system is fully mission capable.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**References**  
**Required**  
TM 9-8000

**Related**

**Perform Diagnostic Procedures of Electrical Systems  
091-63M-3012**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the electrical system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level). When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Review work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
a. Perform troubleshooting of the M998 series:		
(1) Starting system.		
(2) Charging system.		
(3) Oil pressure system.		
b. Perform troubleshooting of the M113A3 starting system.		
c. Perform troubleshooting of the M88 series:		
(1) Fuel system.		
(2) Charging system.		
(3) APU starting system.		
(4) APU charging system.		
d. Perform troubleshooting of the M2/M3:		
(1) Starting system.		
(2) Charging system.		
(3) Turret electrical system.		
(4) Turret master/turret power system.		
(5) Turret drive power distribution/deck clearance systems.		
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Ensure all safety precautions and procedures are followed.	—	—
11. Provide assistance when necessary.	—	—
12. Ensure the task is performed to acceptable standards.	—	—
13. Ensure task is performed in accordance with appropriate TM's and references.	—	—
14. Conduct an in-process inspection.	—	—
15. Critique personnel on performance of the task.	—	—

**Performance Measures**

	<u>GO</u>	<u>NO GO</u>
16. Perform a final inspection to ensure the electrical systems are fully mission capable.	—	—
17. Ensure maintenance forms are completed, as required.	—	—
18. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO-GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-10-2	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	
TM 9-2350-284-20-2-1	
TM 9-2350-284-20-2-2	
TM 9-2350-284-20-2-3	
TM 9-8000	

**Perform Diagnostic and Repair Procedures of Transmissions  
091-63M-3013**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the transmission and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and Skill Level.) When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review the work request.	—	—
2. Perform an initial inspection.	—	—
3. Determine the required maintenance action.	—	—
4. Ensure the task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required.	—	—
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform the task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure the task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-10-2	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

**Perform Diagnostic Procedures of M2/3 Series Automotive Systems  
091-63M-3014**

**Conditions:** In a field or garrison environment with minimum supervision, given a maintenance request or equipment inspection worksheet describing equipment malfunctions, required tools and test equipment.

**Standards:** Maintain the M2/M3 series automotive system and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and Skill Level.) When this task is completed, the vehicle or equipment must be fully mission-capable or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review work request.	—	—
2. Perform initial inspection.	—	—
3. Determine maintenance action to be performed.	—	—
4. Ensure task is within shop capability/authorization.	—	—
5. Ensure proper tools are available to perform this task.	—	—
6. Ensure parts are identified and requisitioned as required. <ul style="list-style-type: none"> <li>a. HMPT 500 transmission.</li> <li>b. Hull power distribution subsystems.</li> <li>c. Starting system.</li> <li>d. Charging system.</li> </ul>	—	—
7. Ensure applicable publications are available.	—	—
8. Assign personnel to perform task.	—	—
9. Ensure all safety precautions are followed.	—	—
10. Provide assistance if necessary.	—	—
11. Ensure task is performed to acceptable standards.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
TM 9-2350-284-10-1	
TM 9-2350-284-10-2	
TM 9-2350-284-20-1-1	

**References**

**Required**

TM 9-2350-284-20-1-2  
TM 9-2350-284-20-1-3  
TM 9-2350-284-20-1-4  
TM 9-2350-284-20-1-5  
TM 9-8000

**Related**

**Perform Diagnostic Procedures of Diesel Engines  
091-63M-3015**

**Conditions:** In a field or garrison environment, given an applicable vehicle; repair parts; general mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; and applicable technical publications.

**Standards:** Maintain the diesel engine and replace or repair its components IAW the applicable technical publication procedures and specifications. (See Maintenance Allocation Chart for exact procedures authorized for each MOS and skill level). When this task is completed, the vehicle or equipment must be fully mission-capable, or maintenance actions required by other than 63M personnel must be identified.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review work request.	—	—
2. Ensure task is within shop capability/authorization.	—	—
3. Ensure applicable technical publications are available.	—	—
4. Ensure proper tools are available to inspect, repair/replace, and test the diesel engines.	—	—
5. Perform initial inspection.	—	—
6. Diagnose diesel engine fault(s), and determine maintenance action to be performed.	—	—
7. Identify repair parts and requisition, if required.	—	—
8. Assign personnel to perform task.	—	—
9. Ensure all safety precautions and procedures are followed.	—	—
10. Provide assistance when necessary.	—	—
11. Ensure task is performed in accordance with appropriate technical manuals and references.	—	—
12. Conduct an in-process inspection.	—	—
13. Perform a final inspection to ensure the diesel engines are fully mission capable.	—	—
14. Critique personnel on performance of the task.	—	—
15. Ensure maintenance forms are completed, as required.	—	—
16. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- TM 9-2350-284-10-1
- TM 9-2350-284-10-2
- TM 9-2350-284-20-1-1
- TM 9-2350-284-20-1-2

**Related**



**References**

**Required**

TM 9-2350-284-20-1-3  
TM 9-2350-284-20-1-4  
TM 9-2350-284-20-1-5  
TM 9-8000

**Related**

**Perform Battlefield Damage Assessment and Repair  
091-63M-3016**

**Conditions:** In a field or garrison environment, given the applicable vehicle; repair parts; applicable mechanic's tool kit; additional tools, TMDE, and equipment as indicated in TMs; a maintenance request or equipment inspection worksheet describing equipment malfunctions; and applicable technical publications.

**Standards:** Perform battlefield damage assessment and repair (BDAR). Document required maintenance actions. Supervise and assist personnel assigned to perform BDAR to ensure repair is performed to acceptable standards, with equipment being capable of functioning in a battlefield environment.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Review work request/commander's directive.	—	—
2. Ensure applicable technical publications are available.	—	—
3. Inspect vehicle to diagnose damage.	—	—
4. Determine necessary BDAR repairs.	—	—
5. Ensure proper tools, TMDE, and equipment is available to perform BDAR.	—	—
6. Assign personnel to assist in BDAR.	—	—
7. Ensure all safety precautions and procedures are followed.	—	—
8. Ensure task is performed in accordance with appropriate technical manuals and references.	—	—
9. Conduct an in-process inspection.	—	—
10. Perform a final inspection to ensure the vehicle is capable of functioning in a battlefield environment.	—	—
11. Critique personnel on performance of the task.	—	—
12. Ensure maintenance forms are completed, as required.	—	—
13. Ensure tools and equipment is properly maintained.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
BDAR	
TM 9-2350-284-20-1-1	
TM 9-2350-284-20-1-2	
TM 9-2350-284-20-1-3	
TM 9-2350-284-20-1-4	
TM 9-2350-284-20-1-5	

Skill Level 4

Subject Area 7: COMMON LOGISTICS MANAGEMENT TASKS

**Perform Senior Rater Responsibilities for a Maintenance Section  
091-CLT-4001**

**Conditions:** In a field or garrison environment, given an NCOER with the rater's portion completed, accompanying counseling statements, and AR 623-205.

**Standards:** Performed senior rater's responsibilities IAW applicable references.

<b>Performance Measures</b>	<u>GO</u>	<u>NO GO</u>
1. Ensured all materials and references were available.	—	—
2. Reviewed quarterly counseling that supported the NCOER.	—	—
3. Reviewed the administrative data and rater's portions of the NCOER for accuracy and content.	—	—
4. Prepared the senior rater's portion of the NCOER.	—	—
5. Ensured the NCOER was submitted for review and further processing.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
AR 623-205

**Related**

**Supervise Platoon/Section Administrative Procedures  
091-CLT-4002**

**Conditions:** In a field or garrison environment, given situation(s) requiring platoon/section administrative procedures, supervision and applicable forms, records, and publications.

**Standards:** Supervised platoon/section administrative procedures IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Established files using the Modern Army Record Keeping System (MARKS). a. Prepared file folders and guides. b. Arranged file folders and guides. c. Prepared file drawer labels. d. Prepared a list of file numbers.	—	—
2. Processed a recommendation for award.	—	—
3. Processed and updated a flag on records.	—	—
4. Verified the accuracy of Suspension of Favorable Action Report.	—	—
5. Processed and updated a bar to reenlistment.	—	—
6. Processed a chapter action. a. Selected appropriate type of chapter action and identified separation guidelines. b. Initiated and follow-up the chapter action.	—	—
7. Processed a recommendation for advancement/promotion.	—	—
8. Verified accuracy of Enlisted Promotion Report (AAC-C01).	—	—
9. Assisted a subordinate NCO who had received notice of selection to be released under the Qualitative Management Program (QMP).	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

- Required**  
AR 25-400-2  
AR 600-8-2  
AR 614-200  
AR 635-200

**Related**

**Manage Combat Stress  
091-CLT-4003**

**Conditions:** In a field or garrison environment, given a situation requiring stress management and FM 22-51.

**Standards:** Managed combat stress IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Identified sources of combat stress.	—	—
2. Identified the signs and classifications of battle fatigue.	—	—
3. Identified signs of stress in self, others, and the unit.	—	—
4. Took appropriate steps to reduce and/or prevent stress.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**  
FM 22-51

**Related**

**Ensure Maintenance Operations are in Compliance With the Army Environmental Program  
091-CLT-4004**

**Conditions:** In a field or garrison environment, given a maintenance facility/site, maintenance personnel and equipment, and applicable references.

**Standards:** Ensured maintenance operations were in compliance with the Army Environmental Program and other regulatory publications.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured all publications were available.	—	—
2. Reviewed maintenance SOP to ensure environmental policies and procedures were adequately addressed concerning the following: <ul style="list-style-type: none"> <li>a. Environmental strategies of compliance, restoration, prevention, and conservation.</li> <li>b. Federal, state, local, and host nation laws and regulations.</li> </ul>	—	—
3. Updated/changed/amended SOP as necessary.	—	—
4. Ensured all soldiers had received training on environmental laws, regulations, policies, and procedures.	—	—
5. Ensured inspections for hazardous waste and HAZMAT were conducted as required.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
AR 385-10	
AR 40-5	
FM 4-30.3 (FM 9-43-1)	

**Enforce Compliance with the Shop Safety Program  
091-CLT-4005**

**Conditions:** In a field or garrison environment, given a maintenance site/facility, maintenance personnel, unit safety SOP, and applicable references.

**Standards:** Enforced compliance with the shop safety program IAW applicable references and unit safety SOP.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured all safety references were on hand.	—	—
2. Ensured all safety equipment was on hand, accessible, and properly maintained.	—	—
3. Ensured all soldiers were regularly updated on the shop safety program.	—	—
4. Ensured periodic safety inspections were being conducted, and safety concerns and violations were being corrected.	—	—
5. Ensured safety violations were being documented and reported as required, and follow-ups were being conducted.	—	—
6. Inspected records of safety inspections and accident reports for accuracy and completeness.	—	—
7. Inspected to ensure Material Safety Data Sheets (MSDS) were posted and maintained in applicable work areas.	—	—
8. Performed periodic safety spot checks and inspections for safety awareness and systemic safety problems.	—	—
a. Performed on-the-spot corrections.		
b. Performed follow-ups.		

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

- Required**  
 AR 385-10  
 AR 385-40  
 AR 385-55  
 AR 614-200  
 DA PAM 385-1  
 TB 43-0142  
 TB MED 524

**Related**

**Coordinate Support for the Maintenance Platoon/Section  
091-CLT-4006**

**Conditions:** In a field environment, given a OPORD/maintenance situation, a maintenance platoon or section with personnel and equipment, SOP, and applicable references.

**Standards:** Coordinated support for the maintenance platoon/section IAW SOP and applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Evaluated the tactical situation and OPORD requirements.	—	—
2. Determined support needed at each location.	—	—
3. Notified parent/supported units of support requirements.	—	—
4. Followed up to ensure support had been coordinated/was being provided.	—	—
a. Notified appropriate parent/supported units to resolve any problems.		
b. Addressed problems in after action review (AAR).		

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**



**Select a Field Maintenance Site  
091-CLT-4007**

**Conditions:** In a field environment, given an OPORD to establish a field maintenance site, maintenance personnel, equipment, and references.

**Standards:** Selected a field maintenance site IAW the OPORD and applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Considered the following elements of a good field maintenance site during the selection process:	—	—
a. Area should be reasonably flat and have good drainage.		
b. Area should have firm soil to permit parking and movement of heavy vehicles and equipment.		
c. Area should be accessible to support units.		
d. Terrain should facilitate defense.		
e. Area should be near built-up areas that can be used for mission support.		
2. Performed a map reconnaissance to determine possible sites.	—	—
3. Performed an area reconnaissance and site recon to determine the best site.	—	—
4. Informed higher headquarters of the field maintenance site location.	—	—
5. Relocated to the new field maintenance site.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Prepare an Operational Overlay for Maintenance Operations  
091-CLT-4008**

**Conditions:** In a field or garrison environment, given a map, overlay material, maintenance situation/OPORD, and applicable references.

**Standards:** Prepared an operational overlay for maintenance operations by depicting key activities and elements within the area of operation IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary references and materials were available.	—	—
2. Placed units/activities on the maintenance operations overlay using the appropriate symbols.	—	—
3. Placed key features of the area of operation on the overlay.	—	—
4. Updated the operational overlay, as necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 101-5-1

FM 4-30.3 (FM 9-43-1)

FM 5-170

**Related**

**Control Flow of Work through the Maintenance Shop  
091-CLT-4009**

**Conditions:** In a field or garrison environment, given a maintenance shop including personnel, work orders, and applicable references.

**Standards:** Controlled the flow of work within the maintenance shop to ensure maximum production, effective use of personnel and facilities, and orderly progression of work so that overloads were prevented or corrected, and the shop was working near capacity with a manageable backlog.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Screened maintenance requests.	—	—
2. Assigned work to the appropriate shop section.	—	—
3. Maintained workload status for the various sections.	—	—
4. Directed repair priorities and additional actions (evacuation, operational readiness float (ORF), intra-shop, deferred) as applicable.	—	—
5. Ensured shop supply section orders/maintained repair parts, as required.	—	—
6. Improved operational procedures where necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)  
TC 43-4

**Related**

**Integrate Automated Logistics Support Systems  
091-CLT-4010**

**Conditions:** In a field or garrison environment, given a Unit Level Logistics System-Ground (ULLS-G) computer system with software and equipment database in a unit-level maintenance shop. A Standard Army Maintenance System-1 (SAMS-1) computer system with software and database in a direct support (DS)-level maintenance shop. A Standard Army Maintenance System -2 (SAMS-2) computer system with software and data base in a support operations section, and applicable publications.

**Standards:** Integrated automated logistics support systems in a maintenance shop IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Identified the architecture/interface of Army automated logistics systems.	—	—
2. Supervised ULLS-G functions in a unit-level maintenance shop.	—	—
3. Supervised SAMS-1 functions in a DS-level maintenance shop.	—	—
4. Supervised SAMS-2 functions in a support operations section.	—	—
5. Interfaced with Standard Army Retail Supply System-Objective (SARSS-O) for supply functions.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AIMS 18-L21-AHN-BUR-UM  
 AISM 18-L26-AHO-BUR-EM  
 AR 710-2  
 DA PAM 710-2-1  
 DA PAM 738-750

**Related**

**Plan Logistics Support for Maintenance Operations  
091-CLT-4011**

**Conditions:** In a field or garrison environment, given an OPORD/maintenance situation, maintenance personnel and equipment, and applicable references.

**Standards:** Planned logistics support for maintenance operations IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Appraised the combat situation.	—	—
2. Determined support needed.	—	—
a. People (skills and numbers).		
b. Equipment (transportation, tools, TMDE, and communications).		
c. Supplies (components, assemblies, and repair parts).		
3. Organized resources to provide needed support.	—	—
4. Followed these planning considerations:	—	—
a. Number and type of units supported.		
b. Stock levels for repair parts.		
c. Forward displacement of maintenance support teams/maintenance collection points.		
d. Channels and procedures for recovery, collection, evacuation, and disposition of captured or abandoned materiel.		

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Monitor the Preparation and Disposition of the Army Materiel Status System (AMSS) Reports  
091-CLT-4012**

**Conditions:** In a field or garrison unit-level maintenance shop, given a unit level logistics system-ground (ULLS-G) computer system with AMSS software, AMSS reports produced from a ULLS-G system, and applicable references.

**Standards:** Verified accuracy of AMSS report data, identified maintenance trends and problems, and ensured timely completion and forwarding of reports IAW applicable references and SOP.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary ULLS equipment and references were available.	—	—
2. Checked AMSS report data for accuracy and completeness.	—	—
3. Analyzed AMSS reports and data to identify maintenance trends and problems.	—	—
4. Notified supported units, logistics assistance office/logistics assistance representative, and chain of command, (as necessary), to resolve problems and prevent future occurrences.	—	—
5. Ensured AMSS reports were completed and forwarded through appropriate channels IAW SOP.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AR 710-2
- DA PAM 710-2-1
- DA PAM 738-750

**Related**

**Analyze the Prescribed Load List (PLL) Report  
091-CLT-4013**

**Conditions:** In a field or garrison unit-level maintenance shop, given PLL reports produced by ULLS-G system and applicable references.

**Standards:** Analyzed the PLL reports to ensure inventory accuracy and identified potential supply shortages/problems impacting on maintenance readiness IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured reports and references were available.	—	—
a. PLL inventory report.		
b. Zero balance report.		
c. PLL excess management report.		
d. PLL inquiries (as needed).		
e. NMC report.		
2. Performed random inventory checks and resolved discrepancies.	—	—
3. Determined expedient measures necessary to resolve not mission capable supply (NMC-S) equipment awaiting PLL items on the zero balance report.	—	—
4. Resolved discrepancies in report data within the ULLS-G system.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AR 710-2  
DA PAM 710-2-1  
DA PAM 738-750

**Related**

**Monitor Quality Control Program  
091-CLT-4014**

**Conditions:** In a field or garrison maintenance shop, given a maintenance facility/site, maintenance personnel, maintenance SOP, and applicable references.

**Standards:** Monitored the quality control program to ensure quality of work IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured quality assurance/quality control (QA/QC) inspectors were adequately trained and knowledgeable in their respective maintenance areas and were on orders from the commander, if required by SOP.	—	—
2. Ensured QA/QC inspectors followed maintenance SOP guidelines and procedures and TM procedures for initial and final inspections.	—	—
3. Performed periodic checks of inspectors' work for accuracy of initial diagnosis and quality of final inspections.	—	—
4. Ensured supervisors were conducting in-process inspections of work done by mechanics/technicians.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AR 710-2

DA PAM 710-2-1

FM 4-30.3 (FM 9-43-1)

**Related**



**Analyze Bench Stock Listing**  
**091-CLT-4015**

**Conditions:** In a field or garrison DS-level maintenance shop, given a SAMS-1 generated bench stock listing (AHN-023) and applicable references.

**Standards:** Analyzed bench stock listing to identify supply problems that may impact maintenance readiness IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured report and references were available.	—	—
2. Performed random bench stock inventory checks.	—	—
3. Determined expedient measures necessary to resolve NMC-S equipment awaiting bench stock items.	—	—
4. Resolved any discrepancies in report data in the SAMS-1.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AISM 18-L21-AHN-BUR-UM
- AR 710-2
- DA PAM 710-2-1
- DA PAM 738-750

**Related**

**Analyze Open Work Request Reconciliation Listing  
091-CLT-4016**

**Conditions:** In a field or garrison DS-level maintenance shop, given a SAMS-1 generated open work request reconciliation listing and applicable references.

**Standards:** Analyzed the open work request reconciliation listing IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured references and equipment were available.	—	—
2. Conducted face-to-face reconciliation with team chief.	—	—
3. Supervised SAMS operator on purging operations.	—	—
4. Supervised SAMS operator on mail status returned on organizational disk.	—	—
5. Improved operational procedures where necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AIMS 18-L21-AHN-BUR-UM
- AIMS 18-L26-AHO-BUR-EM

**Related**

**Analyze Completed Shop Workload Summary  
091-CLT-4017**

**Conditions:** In a field or garrison DS-level maintenance shop, given a SAMS-1 generated completed shop workload summary report and applicable references.

**Standards:** Analyzed the completed shop workload summary report. IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured references and equipment were available.	—	—
2. Assigned workload to personnel, as required.	—	—
3. Tracked status of all jobs requiring parts.	—	—
4. Ensured once job was completed, parts were turned in and paperwork completed IAW local SOP.	—	—
5. Improved operational procedures, where necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AIMS 18-L21-AHN-BUR-UM

AIMS 18-L26-AHO-BUR-EM

**Related**

**Analyze Shop Deadline and Deferred Workload Listing  
091-CLT-4018**

**Conditions:** In a field or garrison DS-level maintenance shop, given a SAMS-1 generated shop deadline and deferred workload listing report and applicable references.

**Standards:** Analyzed the shop deadline and deferred workload listing report IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured references and equipment were available.	—	—
2. Prioritized jobs by the status and priority code.	—	—
3. Tracked workload listing for proper status of operation and maintenance (O/M).	—	—
4. Supervised AHN-006, AHN-022, and AHN-026 reports.	—	—
5. Improved operational procedures where necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- AISM 18-L21-AHN-BUR-UM
- AISM 18-L26-AHO-BUR-EM

**Related**

**Analyze Shop Workload Summary Listing  
091-CLT-4019**

**Conditions:** In a field or garrison DS-level maintenance shop, given a SAMS-1 generated shop workload summary listing and applicable references.

**Standards:** Analyzed the shop workload summary listing IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured references and equipment were available.	—	—
2. Assigned workload to personnel, as required.	—	—
3. Tracked status of all jobs requiring parts.	—	—
4. Ensured once job was completed, parts were turned in and paperwork completed IAW local SOP.	—	—
5. Improved operational procedures where necessary.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AISM 18-L21-AHN-BUR-UM

AISM 18-L26-AHO-BUR-EM

**Related**

**Maintain Property Accountability  
091-CLT-4020**

**Conditions:** In a field or garrison environment, given property and tools, property book listing and/or hand receipts, blank forms, and applicable references.

**Standards:** Maintained property accountability IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured all references, technical bulletins (TBs), supply catalogs (SCs), and forms were available.	—	—
2. Performed initial inventory of all property, tools, and equipment. <ul style="list-style-type: none"> <li>a. Completed shortage annexes, as necessary.</li> <li>b. Reported all shortages, as necessary.</li> <li>c. Initiated report of survey or other property loss actions, as necessary.</li> <li>d. Ordered replacement items.</li> </ul>	—	—
3. Prepared sub-hand receipts for subordinate sections.	—	—
4. Had subordinates inventory all property, tools, and equipment on each respective subhand receipt and shortage annex and sign for property on hand.	—	—
5. Signed for property on property book or hand receipts, as applicable.	—	—
6. Performed periodic inventories of tools and sensitive items, as required.	—	—
7. Performed periodic partial or full inventories, as required.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

AR 710-2  
DA PAM 710-2-1

**Related**

**Prepare Standing Operating Procedures for Maintenance Operations  
091-CLT-4021**

**Conditions:** In a field or garrison environment, given FM 9-43-1, higher headquarters SOP(s), and commander's guidance.

**Standards:** Prepared a maintenance shop internal or external SOP for the commander's review, comment, and approval IAW applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured applicable publications were available.	—	—
2. Prepared a maintenance shop internal or external SOP.	—	—
3. Ensured unit policies and commander's guidance was followed.	—	—
4. Ensured shop operation policies were adequately addressed.	—	—
5. Updated the shop SOP as required.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Supervise the Deployment of Company Maintenance Team/Recovery Support Team/Maintenance Support Team**  
**091-CLT-4022**

**Conditions:** In a field or garrison environment, given a request for maintenance support/maintenance situation, map, operational overlay, grid coordinates of destination, vehicle(s), equipment, maintenance personnel, and applicable references.

**Standards:** Supervised the deployment of company maintenance team/recovery support team(s) IAW the maintenance situation/request for maintenance support and applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Reviewed the request for maintenance support/maintenance situation.	—	—
2. Ensured personnel and equipment to perform the mission were available.	—	—
3. Ensured resources for the company maintenance team/recovery support team/maintenance support team, including personnel with applicable MOSs, vehicle(s), tools, test equipment, publications, repair parts, time, and facilities were appropriately identified.	—	—
4. Ensured requirements for defending the team had been properly determined and arranged.	—	—
5. Ensured team leader(s) were briefed on the mission.	—	—
a. Reviewed the operational overlay.	—	—
b. Conducted a map recon of the route and destination.	—	—
6. Ensured the company maintenance team/recovery support team/maintenance support team was deployed.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

- FM 101-5-1
- FM 4-30.3 (FM 9-43-1)
- FM 5-170

**Related**



**Conduct a Route Reconnaissance for a Maintenance Mission  
091-CLT-4023**

**Conditions:** In a field environment, given a maintenance situation/OPORD, operational overlay, grid coordinates for a proposed route, map, vehicle with personnel, and applicable references.

**Standards:** Conducted a route reconnaissance for a given route identifying distances/times, problem areas along the route, possible bypasses or alternate routes, and prepared strip maps IAW the maintenance situation/OPORD and applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Ensured necessary equipment and publications were available.	—	—
2. Determined the route to be used for the maintenance mission.	—	—
3. Performed a map recon of the route.	—	—
4. Contacted units along the route and coordinated passage.	—	—
5. Selected personnel to conduct the reconnaissance.	—	—
6. Recon the route identifying key features to include:	—	—
a. Potential problem areas (i.e., possible enemy contact, trafficability, etc.).	—	—
b. Possible bypasses/alternate routes.	—	—
7. Recorded information on a strip map for use by the maintenance team.	—	—
8. Advised the commander/staff officer on use of the route for maintenance missions.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)  
FM 5-170

**Related**

**Conduct an Area Reconnaissance for a Maintenance Mission  
091-CLT-4024**

**Conditions:** In a field environment, given a maintenance situation/OPORD, operational overlay, grid coordinates for a proposed occupation area, map, vehicle with personnel, and applicable references.

**Standards:** Performed an area reconnaissance, selecting the most appropriate location to establish a maintenance site IAW the maintenance situation/OPORD and applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Ensured necessary equipment and publications were available.	—	—
2. Performed a map recon of the area.	—	—
3. Selected personnel to conduct the reconnaissance.	—	—
4. Recon the area to determine suitability for maintenance operations, accessibility in and out of the site, defendability, and actions required for the safety of personnel and equipment.	—	—
5. Advised the commander/staff officer on occupying the area of operations based upon the reconnaissance.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)  
FM 5-170

**Related**

**Manage Battlefield Maintenance Support  
091-CLT-4025**

**Conditions:** In a field maintenance shop, given an OPORD/maintenance situation, maintenance personnel, equipment, and applicable references.

**Standards:** Managed battlefield maintenance support IAW applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Appraised the combat situation and organized and prioritized support based on type of operation:	—	—
a. Offensive operation.	—	—
b. Defensive operation.	—	—
2. Planned for and executed appropriate maintenance support:	—	—
a. Identified requirements.	—	—
b. Identified available resources.	—	—
(1) Personnel and skills.	—	—
(2) Publications.	—	—
(3) Time.	—	—
(4) Facilities.	—	—
(5) TMDE and tools.	—	—
(6) Parts.	—	—
c. Managed resources for maximum return, with priority on the following:	—	—
(1) Maintenance support forward.	—	—
(2) Commander's guidance.	—	—
(3) Battle damage repair.	—	—
(4) Controlled exchange.	—	—
(5) Cannibalization.	—	—
(6) Evacuation.	—	—
(7) Recovery.	—	—
3. Followed priorities for repair of battle damaged systems:	—	—
a. Most essential for completion of the immediate mission.	—	—
b. Least amount of time to repair.	—	—
c. Repairable, but not in time to continue the immediate mission.	—	—
d. Damaged beyond repair candidate for cannibalization.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Perform Support Operations NCO Duties  
091-CLT-4026**

**Conditions:** In a field or garrison environment, given a position as a support operations maintenance NCO, and applicable references.

**Standards:** Performed the duties of a support operations maintenance NCO, ensuring that the direct support (DS) maintenance mission is effectively coordinated and integrated within the battalion or support group.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO GO</b></u>
1. Provided guidance on maintenance priorities within the unit.	—	—
2. Set objectives for maintenance shop production.	—	—
3. Monitored maintenance shop workflow and status of repair part requisitions.	—	—
4. Supervised, controlled, and directed the operation of battalion units for:	—	—
a. DS maintenance.	—	—
b. Evacuation.	—	—
c. Repair parts supply.	—	—
d. Reparable exchange (RX).	—	—
e. Technical assistance.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 100-16

FM 4-30.3 (FM 9-43-1)

**Related**

**Manage Maintenance Operations at a Maintenance Collection Point  
091-CLT-4027**

**Conditions:** In a field maintenance environment, given an OPORD/maintenance situation, a maintenance collection point (MCP) site, maintenance personnel and equipment, and applicable references.

**Standards:** Managed maintenance operations at an MCP IAW the OPORD and applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Set up the MCP.	—	—
2. Managed flow of equipment for repair.	—	—
a. Focused efforts toward repairing systems for current battle or start of next battle.	—	—
b. Fixed 4 to 6 hour jobs at unit maintenance collection point (UMCP).	—	—
c. Evacuated other equipment to brigade MCP or farther rear location.	—	—
d. Maximized battle damage assessment repair (BDAR), cannibalization, and controlled exchange at central MCP.	—	—
3. Managed company maintenance teams/recovery support teams/maintenance support teams held at MCP.	—	—
4. Managed prescribed load list (PLL) assets for forward combat units.	—	—
5. Relocated forward (as necessary) to continue fix-forward support.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**

**Provide Maintenance Support During Tactical Operations  
091-CLT-4028**

**Conditions:** In a field environment, given an operation order (OPORD)/maintenance situation, maintenance personnel and equipment, and applicable references.

**Standards:** Provided maintenance support during tactical operations IAW the OPORD and applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO GO</u></b>
1. Provided maintenance support during offensive operations.	—	—
2. Provided maintenance support during defensive operations.	—	—
3. Provided maintenance support during retrograde operations.	—	—
4. Provided maintenance support during reconstitution operations.	—	—
5. Provided maintenance support during night operations.	—	—
6. Provided maintenance support in NBC environment.	—	—
7. Provided maintenance support during stability and support operations (SASO).	—	—
a. Peace operations.	—	—
b. Humanitarian operations.	—	—
c. Disaster relief operations.	—	—
8. Provided maintenance support in the following adverse conditions.	—	—
a. Desert operations.	—	—
b. Cold weather operations.	—	—
c. Jungle operations.	—	—
d. Mountain operations.	—	—
e. Urban terrain operations.	—	—

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any step is failed. If the soldier fails any step, show what was done wrong and how to do it correctly.

**References**

**Required**

FM 4-30.3 (FM 9-43-1)

**Related**





**APPENDIX A -****HANDS-ON EVALUATION (DA FORM 5164-R)  
INSTRUCTIONS  
(Excerpted from STP 21-24-SMCT, Appendix C)**

DA Form 5164-R (Hands-On Evaluation) allows the trainer to keep a record of the performance measures a soldier passes or fails on each task.

**Before evaluation:**

1. Obtain a blank copy of DA Form 5164-R, which you may locally reproduce on 8 ½" x 11" paper.
2. Enter the task title and 10-digit number from the STP task summary.
3. In Column a, enter the performance measure numbers from the task summary.
4. In Column b, enter the performance measure corresponding to the number in Column a (you may abbreviate this information if necessary).
5. Locally reproduce the partially completed form when evaluating more than one soldier on the task or when evaluating the same soldier more than once.

**During evaluation:**

1. Enter the date just before evaluating the soldier's task performance.
2. Enter the evaluator's name, the soldier's name, and the unit.
3. For each performance measure in Column b, enter a check in Column c (PASS) or Column d (FAIL), as appropriate.
4. Compare the number of performance measures the soldier passes (and, if applicable, which ones) against the task standards specified in the task summary. If the standards are met or exceeded, check the GO block under STATUS; otherwise, check the NO-GO block.

<b>HANDS-ON EVALUATION</b> For use of this form, see AR 350-57; the proponent agency is ODCSOPS		DATE	
TASK TITLE		TASK NUMBER	
ITEM a	PERFORMANCE STEP TITLE b	SCORE (Check One)	
		PASS c	FAIL d
		<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
		<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
		<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
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
EVALUATOR'S NAME		UNIT	
SOLDIER'S NAME		STATUS <input type="checkbox"/> GO <input type="checkbox"/> NO GO	

DA FORM 5164-R, SEP 85

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**APPENDIX B -****FIELD EXPEDIENT SQUAD BOOK (DA FORM 5165-R)  
INSTRUCTIONS  
(Excerpted from STP 21-24-SMCT, Appendix C)**

DA Form 5165-R (Field Expedient Squad Book) allows the trainer to keep a record of task proficiency for a group of soldiers.

**Before evaluation:**

1. Obtain a blank copy of DA Form 5165-R, which you may locally reproduce on 8 ½" x 11" paper.
2. Locally reproduce the partially completed form if you are evaluating more than nine soldiers.

**During evaluation:**

1. Enter the names of the soldiers you are evaluating, one name per column, at the top of the form.
2. Under STATUS, record (in pencil) the date in the GO block if the soldier demonstrated task proficiency to soldier's manual standards. Keep this information current by always recording the most recent date on which the soldier demonstrated task proficiency. Record the date in the NO-GO block if the soldier failed to demonstrate task proficiency to soldier's manual standards. Soldiers who failed to perform the task should be retrained and reevaluated until they can meet the standards. When the standards are met, enter the date in the appropriate GO block and erase the previous entry from the NO-GO block.

**After evaluation:**

1. Read down each column (GO/NO-GO) to determine the training status of an individual. This will give you a quick indication of which tasks a soldier needs training on.
2. Read across the rows for each task to determine the training status of all soldiers. You can readily see which tasks to focus training on.
3. Line through the STATUS column of any soldier who leaves the unit.



**GLOSSARY****Section I**  
**Abbreviations**

<b>AAR</b>	after-action review
<b>AC</b>	Active Component
<b>AIT</b>	advanced individual training
<b>AN</b>	annually
<b>ANCOC</b>	Advanced Noncommissioned Officers Course
<b>AOAP</b>	Army Oil Analysis Program
<b>ARTEP</b>	Army training and evaluation program
<b>BA</b>	biannually
<b>BDAR</b>	battle damage assessment and repair
<b>BFV</b>	Bradley fighting vehicle
<b>BII</b>	basic issue items
<b>BNCOC</b>	Basic Noncommissioned Officers Course
<b>BOB</b>	break-out box
<b>BW</b>	biweekly
<b>chap</b>	chapter
<b>cont</b>	continued
<b>CTT</b>	common task test
<b>DA</b>	Department of the Army
<b>DA Form</b>	Department of the Army form
<b>DA Pam</b>	Department of the Army pamphlet
<b>DS</b>	direct support
<b>FISTV</b>	fire support team vehicle
<b>FM</b>	field manual
<b>HQ TRADOC</b>	Headquarters, Training and Doctrine Command
<b>IAW</b>	in accordance with

<b>Inf</b>	infantry
<b>ISU</b>	integrated sight unit
<b>Mech</b>	Mechanized
<b>METL</b>	mission essential task list
<b>min</b>	minute
<b>mm</b>	millimeter
<b>MOS</b>	military occupational specialty
<b>MOSC</b>	military occupational specialty code
<b>NBC</b>	nuclear, biological, and chemical
<b>NCO</b>	noncommissioned officer
<b>NMC</b>	Nonmission Capable
<b>OPORD</b>	Operations Order
<b>ORD</b>	Operational Requirements Document
<b>Pam</b>	pamphlet
<b>para</b>	paragraph
<b>PLL</b>	prescribed load list
<b>PMCS</b>	preventive maintenance checks and services
<b>POL</b>	petroleum, oils, and lubricants
<b>QT</b>	quarterly
<b>RDL</b>	Reimer Digital Library
<b>RX</b>	reparable exchange
<b>SA</b>	semiannually
<b>SC</b>	supply catalog
<b>SL</b>	skill level
<b>SM</b>	soldier's manual
<b>SM/TG</b>	soldier's manual/trainer's guide
<b>SMCT</b>	soldier's manual of common tasks
<b>SOP</b>	standing operating procedure

<b>SQI</b>	skill qualification identifier
<b>SQT</b>	skill qualification test
<b>SSI</b>	special skill identifier
<b>STE-M1/FVS</b>	simplified test equipment - M1 fighting vehicle system
<b>STP</b>	soldier training publication
<b>Suppl</b>	supplement
<b>SYS</b>	system
<b>TAMMS</b>	The Army Maintenance Management System
<b>TB</b>	technical bulletin
<b>TM</b>	technical manual
<b>TMDE</b>	test measurement and diagnostic equipment
<b>TOW</b>	tube-launched, optically tracked, wire-guided
<b>UI</b>	unit of issue
<b>UIC</b>	unit identification code
<b>ULLS</b>	Unit Level Logistics System
<b>ULLS-G</b>	Unit Level Logistics System-Ground
<b>UMCP</b>	unit maintenance collection point
<b>UNIT</b>	trained in the unit
<b>US</b>	United States
<b>USA</b>	United States Army
<b>WK</b>	weekly





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Required publications are sources that users must read in order to understand or to comply with this publication.

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**STP 9-63M14-SM-TG**  
**25 March 2001**

By Order of the Secretary of the Army:

**ERIC K. SHINSEKI**  
*General, United States Army*  
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