

**551-88U-2440
Verify Track Maintenance
Status: Approved**

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Transportation School, Fort Lee, VA foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: Assigned as a Railway Specialist with the requirement to advise COCOM/Host Nation personnel how to check track maintenance, given a section gang, Personal Protective Equipment, completed risk assessment, System Special Instructions (SSI), day or night, in all weather conditions, and in an operational environment. Some iterations of this task should be performed in MOPP 4.

Standards: Verify section gang completes track maintenance in compliance with standards without causing injury to personnel or damage to equipment.

Special Conditions: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: Your ERC team has been tasked to advise COCOM/Host Nation personnel on how to check track maintenance.

DANGER

None

WARNING

None

CAUTION

Working around live tracks is always dangerous. Follow all safety procedures outlined in the GCOR, ATP 4-14, and UFC 4-860-03.

Remarks: None

Notes: None

Performance Steps

1. Verify track condition complies with the following standards.
 - a. No changes in gage.
 - b. No change in track profile.
 - c. No excessive movement of rails.
2. Verify section gang repairs any deviations from the full compliance condition level.
 - a. Bad areas are sprayed and identified.
 - b. Any area that is not repaired but poses a potential problem is noted.
3. Verify there will be no speed restrictions because of defective work.
4. Verify that section gang picks up all the tools.
5. Verify section gang cleans up the work site.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Mark each performance measure either GO or NO-GO. The Soldier must complete all steps to receive a GO for each measure. All measures must be marked GO to receive an overall GO on the task. If the Soldier fails any performance measure, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on checking track maintenance.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Verified track condition was in compliance with the standards.			
2. Verified section gang repaired any deviations from the full compliance condition level.			
3. Verified there was no speed restrictions because of defective work.			
4. Verified that section gang picked up all the tools.			
5. Verified section gang cleaned up the work site.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 4-14	EXPEDITIONARY RAILWAY CENTER OPERATIONS http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp4_14.pdf	Yes	No
	BASIC TRAINING MANUAL	Basic Training Manual for Brakemen and Switchmen	Yes	No
	CFR 49	CFR 49: Parts 200-299	Yes	No
	GCOR	General Code of Operating Rules (GCOR), Seventh Edition	Yes	No
	UFC 4-860-03	Unified Facilities Criteria (UFC): Railroad Track Maintenance & Safety Standards	Yes	Yes

TADSS : None

Equipment Items (LIN): None

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

Safety: In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW current CBRN doctrine. All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task. (a) Take personal responsibility. (b) Practice safe operations. (c) Recognize unsafe acts and conditions. (d) Take action to prevent accidents. (e) Report unsafe acts and conditions.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
K-551-T-0001	Knowledge of rail track standards
K-551-T-0003	Knowledge of track geometry standards
K-551-P-0126	Knowledge of securing track and setting out blue flag
K-551-U-0039	Knowledge of track inspections
K-551-T-0025	Knowledge of FRA Rules
K-551-E-0074	Knowledge of railroad terminology
K-551-U-0031	Knowledge of Common track defects
K-551-T-0033	Knowledge of track safety standards

Skills :

Skill ID	Skill Name
S-551-U-0003	Ability to interpret General Orders (railroad) and General Notices
301-S-238	Determine the gauge of a railroad.
S-551-P-0100	Ability to replace railing

ICTL Data : None