

Summary Report for Individual Task
551-88U-3315
Validate Annual Track Inspections (CONUS/OCONUS)
Status: Approved

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

Destruction Notice: None

Foreign Disclosure: FD6 - This product/publication has been reviewed by the product developers in coordination with the Fort Lee, VA foreign disclosure authority. This product is releasable to students from foreign countries on a case-by-case basis.

Condition: Assigned as a Railway Specialist advising COCOM/HN personnel on annual track inspections, given an Operations Order/Operations Plan, rail crew, Personal Protective Equipment, completed risk assessment, track inspection operation, track map, track inspection form, means of communication, CFR 49 and other required references, day or night, in all weather conditions, in an operational environment scenario. Some iterations of this task should be performed in MOPP 4.

Standard: Validate applied railroad track standards and identify exceptions to federal standards in accordance with CFR 49, Part 213.

Special Condition: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: Your ERC team has just arrived in theater. You must validate that the track inspections have been completed.

DANGER

Working around live tracks is always dangerous. Follow all safety procedures outlined in the GCOR. Install portable derail or flag protection IAW GCOR.

WARNING

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CAUTION

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Remarks: None

Notes: None

Performance Steps

1. Confirm if condition of roadway warrants exception to standards pertaining to:
 - a. Roadway
 - b. Drainage
 - c. Vegetation
2. Confirm if condition of track geometry warrants exception to standards pertaining to:
 - a. Gage
 - b. Cross Level
 - c. Superelevation
 - d. Warp
 - e. Alinement
 - f. Profile
3. Confirm if condition of ballast warrants exception to standards.
4. Confirm if condition of crossties warrants exception to standards.
5. Confirm if condition of other track material (OTM) warrants exception to standards pertaining to:
 - a. Tie Plates
 - b. Spikes
 - c. Joints
 - d. Rail Anchors
 - e. Gage Rods
6. Confirm if condition of rail warrants exception to standards.
7. Confirm if condition of turnout warrants exception to standards pertaining to:
 - a. Turnouts and Track Crossings; generally
 - b. Switches & Switch Stands
 - c. Frogs
 - d. Guard Rails

8. Confirm if condition of road crossing warrants exception to standards.

9. Confirm if condition of rail crossing warrants exception to standards.

10. Confirm if condition of bridge warrants exception to standards.

11. Confirm if a close clearance exists.

(Asterisks indicates a leader performance step.)

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

Evaluation Preparation: Setup: Provide the Soldier with a rail crew, section of track, references, and necessary tools.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Confirmed if condition of roadway warranted exception to standards.			
2. Confirmed if condition of track geometry warranted exception to standards.			
3. Confirmed if condition of ballast warranted exception to standards.			
4. Confirmed if condition of cross ties warranted exception to standards.			
5. Confirmed if condition of other track material (OTM) warranted exception to standards.			
6. Confirmed if condition of rail warranted exception to standards.			
7. Confirmed if condition of turnout warranted exception to standards.			
8. Confirmed if condition of road crossing warranted exception to standards.			
9. Confirmed if condition of rail crossing warranted exception to standards.			
10. Confirmed if condition of bridge warranted exception to standards.			
11. Confirmed if a close clearance existed.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	CFR 49	CFR 49: Parts 200-299	Yes	No
	GCOR	GCOR General Code of Operating Rules	Yes	No
	TM 5-627	MAINTENANCE OF TRACKAGE {NAVFAC MO-103;AFM 91-33}	Yes	No
	TM 5-628	RAILROAD TRACK STANDARDS {AFR 91-44}	Yes	No
	UFC 4-860-03	Unified Facilities Criteria (UFC): Railroad Track Maintenance & Safety Standards	Yes	No

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 FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

It is the responsibility of all Soldiers and DA civilians to protect the environment from damage. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across Doctrine, Organization, Training, Material, Leadership and Education, Personnel and Facilities (DOTMLPF) and ensure all training procedures; materials and doctrine include 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. This Training Support Package meets this standard.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET 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 FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

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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.
- (f) Work as a team

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-6-0007	Provide Rail Network Capability and Infrastructure Assessments	55 - Transportation (Collective)	Approved
55-6-0005	Coordinate Rail and Bridge Safety Assessments	55 - Transportation (Collective)	Approved
55-6-0008	Provide Mode Feasibility Study	55 - Transportation (Collective)	Approved
55-6-0006	Advise on employment of theater rail capabilities	55 - Transportation (Collective)	Approved