

Training and Evaluation Outline Report

Status: Approved

28 Sep 2012

Effective Date: 08 Oct 2020

Task Number: 55-CTR-0005

Task Title: Coordinate Rail and Bridge Safety Assessments

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 CASCOM foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	ATP 4-14	EXPEDITIONARY RAILWAY CENTER OPERATIONS http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp4_14.pdf	Yes	Yes	

Conditions: Higher HQ has tasked the unit to coordinate minimum rail and bridge safety assessments and safety requirements for the general railroad system of transportation. This task will be performed under all environmental conditions; higher HQ analysis of the area of operations (AO) is available. Coalition partners, noncombatants, and media are present in the AO; host nation contract support may be used in the study. Some iterations of this task should be performed in MOPP 4.

Standards: Coordination of the rail and bridge assessment is complete, in accordance with the tactical SOPs and directives provided by the higher headquarters or commander. A report is prepared which includes Cooper's E-rating, clearances and track speeds.

NOTE: Leaders are defined as those Soldiers who are in a the senior officer, warrant officer, and/or NCO position designated by paragraph and line number of the unit Table of Organization and Equipment (TOE). Leaders may also be any personnel assigned to the unit and designated as leaders by the commander.

Live Fire: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute						Assess	
Operational Environment	Training Environment (L/V/C)	Leaders Present at Training/Required	Present at Training/Required	External Eval	Performance Measures	Critical Performance Measures	Leader Performance Measures	Evaluator's Observed Task Proficiency Rating	Commander's Assessment
BDE & Above									
Dynamic and Complex (All OE Variables and Hybrid Threat)	Night	IAW unit CATS statement.	>=85%	>=80%	Yes	All	80-90%	T	T
			75-84%						
Dynamic and Complex (All OE Variables and Single Threat)	Day		65-74%	75-79%	No	<All	80-89%	P	P
			60-64%	60-74%					
Dynamic and Complex (<All OE Variables and Single Threat)			<=59%	<=59%		<=50%	<=79%	U	U

Remarks: The following definitions shall be used:

Static: Aspects of operational variables (PMESII-PT) needed to stimulate mission variables (METT-TC) are fixed throughout the unit's execution of the task.

Dynamic: Operational variables and Threat TTPs for assigned counter- tasks change in response to the execution of BLUFOR's task.

Complex: Requires a minimum of four (Terrain, Time, Military [Threat], and Social [Population]) or more operational variables; brigade and higher units require all eight operational variables (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single Threat: Regular, irregular, criminal, or terrorist.

Hybrid Threat: The diverse and dynamic combination of regular forces, irregular forces, terrorist forces, and/or criminal elements unified to achieve mutually benefitting effects.

To obtain a T or T- this task must be conducted in a dynamic and complex environment with 4 plus OE variables and a hybrid threat at night with 75% or more leaders present, greater than 80% of Soldiers present at, receive a "GO" on 80% or more of the performance measures, ALL of the critical performance measures and at least 80% "GO" on the leader performance measures. Must be conducted during an external evaluation.

Task steps and measures were developed using the Plan, Prepare, Execute and Assess (PPEA) construct to reinforce the operations process and is implied throughout the T&EO.

Notes: Training begins with the execution of pre-combat checks and inspections. Training ends when designated training objectives for the particular training events or exercises are performed to Army standard. Unit leadership should conduct an after action report (AAR).

Safety Risk: Low

Task Statements

Cue: Higher HQ has tasked the unit to coordinate minimum coordinate rail and bridge safety assessments and safety requirements for the general railroad system of transportation.

DANGER

Notice should alert users to the possibility of immediate death or permanent injury. Although damage to equipment may occur, the major concern is the probability of death or permanent injury if the warning is ignored.

WARNING

Notice should alert users to the possibility of immediate personal injury or damage to equipment.

CAUTION

Notice should alert users to the possibility of personal injury or damage to equipment that may result from long-term failure to follow correct procedures.

Task Performance Summary Block										
Training Unit			ITERATION							
			1		2		3		4	
Date of Training per Iteration:										
Day or Night Training:			Day / Night		Day / Night		Day / Night		Day / Night	
			#	%	#	%	#	%	#	%
Total Leaders Authorized		% Leaders Present								
Total Soldiers Authorized		% Soldiers Present								
Total Number of Performance Measures		% Performance Measures 'GO'								
Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Live Fire, Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Total Number of Leader Performance Measures		% Leader Performance Measures 'GO'								
MOPP LEVEL										
Evaluated Rating per Iteration T, T-, P, P-, U										

Mission(s) supported: None

MOPP 4: Sometimes

MOPP 4 Statement: None

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s): None

Supporting Collective Task(s): None

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	551-88A-1219	Identify Rail Capabilities in Support of Department of Defense Operations	551 - Transportation (Individual)	Approved
	551-88U-4405	Recommend Railway Maintenance Functions	551 - Transportation (Individual)	Approved
	551-88U-4415	Evaluate Host Nation/Contractor Railway Safety Program	551 - Transportation (Individual)	Approved
	551-88U-4430	Review Procedures for Emergency Response to Derailments and Other Incidents	551 - Transportation (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 4.1.2	Provide Transportation Support

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Materiel Items (NSN)

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. 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

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. See ATP 5-19