

Training and Evaluation Outline Report

Status: Approved

20 Apr 2015

Effective Date: 13 Sep 2016

Task Number: 71-8-3502

Task Title: Assess Electronic Warfare Operations (Brigade - Corps)

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 Fort Leavenworth 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
	AR 525-22	ELECTRONIC WARFARE (EW) POLICY (U)	Yes	No
	FM 3-36	Electronic Warfare in Operations	Yes	Yes
	JP 3-13.1	Electronic Warfare	Yes	No

Conditions: The command receives a mission order from higher headquarters and the commander issues guidance on assessing electronic warfare operations. The command establishes communication with subordinate and adjacent units and higher headquarters. The mission command system is operational and processing information. Some iterations of this task should be performed in MOPP 4.

Standards: The staff monitors the current situation and progress of electronic warfare operations by assessing the situation or operation against the measures of performance and measures of effectiveness in accordance with the commanders intent, orders from higher headquarters, and standard operating procedures.

Live Fire Required: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute						Assess	
Operational Environment	Training Environment (L/V/C)	Training/Authorized	% of Leaders Present at	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
BDE & Above									
Dynamic and Complex (All OE Variables and Hybrid Threat)	Night	IAW unit CATS statement.	>=85%	>=80%	Yes	>=91%	All	>=90%	T
			75-84%			80-90%		80-89%	T-
Dynamic and Complex (All OE Variables and Single Threat)	Day		65-74%	75-79%	No	65-79%	<All	<=79%	P
			60-64%	60-74%		51-64%			P-
Dynamic and Complex (<All OE Variables and Single Threat)			<=59%	<=59%	<=50%	U			

Remarks: None

Notes: None

Safety Risk: Low

Task Statements

Cue: None

DANGER

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Risk Management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations, and activities is the responsibility of all Soldiers.

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-8-5144	Develop Running Estimates (Battalion - Corps)	71 - Combined Arms (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-8-3501	Coordinate Electronic Warfare (Brigade - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-3510	Plan for a Electronic Attack (Brigade - Corps)	71 - Combined Arms (Collective)	Approved

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	112-29A-0001	Conduct Electronic Attack (EA) Assessment	112- Cyber (Individual)	Approved
	150-029-0011	Evaluate Event Logs	150 - Combined Arms (Individual)	Approved
	150-029-0012	Manage the Electronic Warfare Reprogramming Process	150 - Combined Arms (Individual)	Approved
	150-029-0013	Evaluate Measures of Performance (MOPs) and Measures of Effectiveness (MOEs)	150 - Combined Arms (Individual)	Approved
	150-029-0016	Assess Electronic Warfare Training Program	150 - Combined Arms (Individual)	Approved
	150-029-0032	Coordinate Electronic Warfare (EW) Efforts within the Electronic Warfare Working Group (EWWG)	150 - Combined Arms (Individual)	Approved
	150-029-0034	Determine Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-029-0035	Deconflict Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-029-0041	Assess Electronic Warfare (EW) Execution	150 - Combined Arms (Individual)	Approved
	150-029-0044	Operate Test and Measurement Equipment	150 - Combined Arms (Individual)	Approved
	150-029-0045	Interpret Event Logs	150 - Combined Arms (Individual)	Approved
	150-029-5001	Report Electromagnetic Spectrum Interference	150 - Combined Arms (Individual)	Approved
	150-290-0016	Manage Electronic Warfare (EW) Reprogramming	150 - Combined Arms (Individual)	Approved
	150-290-0018	Conduct Electronic Warfare (EW) Combat Assessment in Support of the Targeting Process	150 - Combined Arms (Individual)	Approved
	150-290-0019	Evaluate Electronic Warfare (EW) Mission Effectiveness with Stakeholders	150 - Combined Arms (Individual)	Approved
	150-290-0031	Determine Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0038	Monitor Electronic Warfare (EW) Activities	150 - Combined Arms (Individual)	Approved
	150-290-0039	Update the Electronic Warfare (EW) Running Estimate	150 - Combined Arms (Individual)	Approved
	150-290-0040	Coordinate Electronic Warfare (EW) Effects	150 - Combined Arms (Individual)	Approved
	150-290-0043	Evaluate Post Mission Data	150 - Combined Arms (Individual)	Approved
	150-290-0044	Validate Electronic Warfare (EW) Measures of Effectiveness (MOEs)	150 - Combined Arms (Individual)	Approved
	150-290-0045	Validate Electronic Warfare (EW) Measures of Performance (MOPs)	150 - Combined Arms (Individual)	Approved
	150-290-0046	Manage Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0047	Conduct Survey of Electromagnetic Operational Environment (EMOE)	150 - Combined Arms (Individual)	Approved
	150-290-0048	Facilitate Electronic Warfare (EW) Equipment Maintenance Program	150 - Combined Arms (Individual)	Approved
	150-290-0049	Manage Electronic Warfare (EW) Training Program	150 - Combined Arms (Individual)	Approved
	150-290-0050	Update Electronic Warfare (EW) Input to Operations Order	150 - Combined Arms (Individual)	Approved
	150-29A-0018	Assess Electronic Protect (EP) Measures	150 - Combined Arms (Individual)	Approved
	150-LDR-5001	Develop Cohesive Teams Through Mutual Trust	150 - Combined Arms (Individual)	Approved
	150-MC-2300	Perform Information Collection	150 - Combined Arms (Individual)	Approved
	150-MC-5250	Employ a Mission Command Information System	150 - Combined Arms (Individual)	Approved
	150-MC-5251	Integrate the Mission Command Information System	150 - Combined Arms (Individual)	Approved
	150-MC-5315	Establish the Common Operational Picture	150 - Combined Arms (Individual)	Approved
	150-MC-5320	Employ Information-Related Capabilities (Battalion-Corps)	150 - Combined Arms (Individual)	Approved
	150-MC-5901	React to Cyber Attack (Battalion through Corps)	150 - Combined Arms (Individual)	Approved
	150-MC-6111	Employ Operations Security Measures	150 - Combined Arms (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 1.0	The Movement and Maneuver Warfighting Function
ART 3.0	The Fires Warfighting Function
ART 7.0	Tactical Mission Tasks and Military Operations
OP 2	Conduct Joint Intelligence Operations
OP 3.1.6.1 - INVALID	INVALID - Assess Battle Damage on Operational Targets
OP 3.1.6.3 - INVALID	INVALID - Assess Re-Attack Requirement
OP 5.1.10	Conduct Joint Electromagnetic Spectrum Management Operations (JEMSMO)
OP 6	Provide Operational Force Protection (FP)

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 ATP 5-19, Risk Management. 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 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.