

Training and Evaluation Outline Report

Status: Approved

03 Nov 2014

Effective Date: 03 Nov 2014

Task Number: 71-9-6330

Task Title: Employ Electronics Security in the Joint Operations Area for Operational Forces (Division Echelon and Above [Operational])

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
	FM 3-36	Electronic Warfare in Operations	Yes	No
	JP 3-13.1	Electronic Warfare	Yes	Yes

Conditions: The command is conducting operations as a Joint Task Force (JTF) or as a Combined Joint Task Force (CJTF) headquarters. The command's headquarters receives liaison, unit, and individual augmentees. The command receives an operations order from higher headquarters. The commander issues guidance on protecting systems in the joint operations area. The command establishes communications with subordinate and adjacent units and higher headquarters. The mission command system is operational. This task should not be trained in MOPP 4.

Standards: The staff develops plans to protect systems in the joint operations area to identify friendly actions that could be observed by adversary intelligence systems and used to plan and conduct campaigns and major operations 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 Composite Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Composite 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.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE	GO	NO-GO	N/A
1. The staff develops guidance for the protection of systems by:	N/A	N/A	N/A
a. Determining requirements for protecting friendly communications, navigation systems, and radars by:	N/A	N/A	N/A
(1) Evaluating the type, expected length, geographic location, and level of anticipated operations.	N/A	N/A	N/A
(2) Assessing threat capabilities.	N/A	N/A	N/A
(3) Defining electro-magnetic spectrum interference considerations.	N/A	N/A	N/A
(4) Verifying the number and type of friendly forces to include allied and unified action partners.	N/A	N/A	N/A
b. Identifying communications security and electronic security measures required to deny indicators to enemy sensors.	N/A	N/A	N/A
c. Coordinating resources required for interference deconfliction.	N/A	N/A	N/A
d. Recommending commander's critical information requirements for electronic warfare operations.	N/A	N/A	N/A
e. Determining authorities required or restrictions that apply to the conduct of electronic warfare operations.	N/A	N/A	N/A
f. Reviewing rules of engagement for electronic warfare activities.	N/A	N/A	N/A
2. The staff plans electronic warfare operations to protect friendly systems and use of the electro-magnetic spectrum by:	N/A	N/A	N/A
a. Employing active or passive countermeasure(s) preemptively or reactively to include:	N/A	N/A	N/A
(1) Electro-optical infrared countermeasures that impair or counter the effectiveness of enemy activity.	N/A	N/A	N/A
(2) Radio frequency countermeasures that impair or counter the effectiveness of enemy activity.	N/A	N/A	N/A
b. Validating electromagnetic compatibility of systems and equipment to avoid causing unacceptable degradation.	N/A	N/A	N/A
c. Employing electromagnetic deception to convey misleading information to degrade or neutralize enemy combat capability.	N/A	N/A	N/A
d. Providing electromagnetic hardening to filter, attenuate, and shield facilities and equipment against undesirable effects of electro-magnetic energy.	N/A	N/A	N/A
e. Preventing electromagnetic interference that interrupts, obstructs, or degrades the performance of electronic systems or electrical equipment.	N/A	N/A	N/A
f. Transmitting electromagnetic intrusion to deceive enemy intercept operators.	N/A	N/A	N/A
g. Employing electromagnetic jamming to prevent or reduce enemy use of the electro-magnetic spectrum.	N/A	N/A	N/A
h. Deploying electronic masking measures to protect friendly communications and electronic systems against enemy signals intelligence without degrading friendly systems.	N/A	N/A	N/A
i. Conducting electronic reconnaissance to detect, locate, identify, and evaluate foreign electro-magnetic radiations.	N/A	N/A	N/A
j. Collecting electronic intelligence from foreign non-communications electro-magnetic radiations emanating from other than nuclear detonations or radioactive sources.	N/A	N/A	N/A
k. Enforcing electronics security measures to deny information of value derived from interception of non-communications electro-magnetic radiations.	N/A	N/A	N/A
l. Controlling emissions to optimize command and control capabilities while minimizing:	N/A	N/A	N/A
(1) Detection by enemy sensors.	N/A	N/A	N/A
(2) Mutual interference among friendly systems.	N/A	N/A	N/A
(3) Inhibitors to executing a military deception plan.	N/A	N/A	N/A
m. Managing the frequency spectrum to enable electronic systems to function without causing or suffering interference.	N/A	N/A	N/A
n. Employing reserve modes of sensors, communications, navigation aids, weapons, and countermeasures systems reserved for wartime or emergency use.	N/A	N/A	N/A
3. The staff coordinates command spectrum management activities by:	N/A	N/A	N/A
a. Preparing a restricted frequency list.	N/A	N/A	N/A
b. Updating the restricted frequency list when the task organization, geography, or signal operating instructions change and when operational phases transition.	N/A	N/A	N/A
c. Providing administrative and technical support for military spectrum use.	N/A	N/A	N/A
d. Managing frequency allotment and assignment authority.	N/A	N/A	N/A
e. Establishing the common database for planning, coordinating, and controlling spectrum use.	N/A	N/A	N/A
f. Evaluating potential spectrum-use conflicts.	N/A	N/A	N/A
g. Coordinating military spectrum use with the spectrum authorities of the host nation.	N/A	N/A	N/A
h. Facilitating spectrum-use considerations in the planning process.	N/A	N/A	N/A
i. Resolving incidents of spectrum-use conflicts and unacceptable electromagnetic interference.	N/A	N/A	N/A

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL PERFORMANCE MEASURES EVALUATED							
TOTAL PERFORMANCE MEASURES GO							
TRAINING STATUS GO/NO-GO							

ITERATION: 1 2 3 4 5 M

COMMANDER/LEADER ASSESSMENT: T P U

Mission(s) supported: None

MOPP 4: Never

MOPP 4 Statement: None

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s): None

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-9-5140	Maintain Operational Information (Division Echelon and Above [Operation])	71 - Combined Arms (Collective)	Approved
	71-9-5600	Coordinate Operational Information Operations (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	150-MC-5111	Conduct the Military Decisionmaking Process	150 - Combined Arms (Individual)	Approved
	150-MC-5112	Conduct Mission Analysis	150 - Combined Arms (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
OP 5.1.1	Communicate Operational Information
OP 5.1.10	Conduct Joint Electromagnetic Spectrum Management Operations (JEMSMO)
OP 6.2.3 - INVALID	INVALID - Protect Use of Electromagnetic Spectrum in the Joint Operations Area
OP 6.3	Protect Systems and Capabilities in the Joint Operations Area
OP 6.3.3	Employ Electronics Security
ART 5.10.4 - INVALID	INVALID - Conduct Electronic Protection
ART 5.10.1.3 - INVALID	INVALID - Maintain Emission Security
ART 5.9.2.2	Perform Electronic Protection Actions

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. .