

# Training and Evaluation Outline Report

**Task Number:** 71-8-3510

**Task Title:** Plan for a Electronic Attack (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

**Condition:** The command receives a mission order from higher headquarters and the commander issues guidance on conducting an electronic attack. The command establishes communications 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.

**Standard:** The staff plans an electronic attack by using directed energy or anti-radiation weapons to attack personnel, facilities, or equipment in accordance with the commanders intent, orders from higher headquarters, and standard operating procedures.

**Safety Risk:** Low

<b>Task Statements</b>
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**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.

**Remarks:** None

**Notes:** None

## TASK STEPS

1. The staff plans an electronic attack (EA) as a form of fires and includes:
  - a. Developing actions to prevent an enemy's effective use of the electromagnetic spectrum (EMS).
  - b. Employing weapons that use either electromagnetic or directed energy as their primary destructive mechanism.
  - c. Employing offensive and defensive activities, including countermeasures.
2. The staff develops offensive EA including:
  - a. Jamming enemy radar or electronic command and control systems.
  - b. Engaging antiradiation missiles to suppress enemy air defenses.
  - c. Developing electronic deception to confuse enemy intelligence, surveillance, and reconnaissance systems.
  - d. Engaging directed-energy weapons to disable an enemy's equipment or capability.
3. The staff develops defensive EA including:
  - a. Jammers.
  - b. Decoys.
  - c. Directed-energy infrared countermeasures.
  - d. Counter radio-controlled improvised explosive device systems.
4. The staff coordinates with the electronic warfare section to:
  - a. Recommend EA requirements against specific targets.
  - b. Verify EA can attain a given targeting effect.
  - c. Coordinate with the collection management team to satisfy Electronic Warfare Support (ES) and EA requirements.
  - d. Provide EA mission coordination.
  - e. Prepare the electronic warfare (EW) running estimates and annex.
  - f. Request EA support from higher headquarters.
  - g. Analyze Joint Spectrum Interference Resolution (JSIR) reports for possible EA targets.
  - h. Coordinate with spectrum managers for spectrum deconflicting.
5. The staff coordinates EA targeting using the process decide, detect, deliver, and assess.
  - a. Integrate the EA plan into standard targeting products that include:



<b>Step Number</b>	<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
	71-8-5111	Conduct the Military Decisionmaking Process (Battalion - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-5144	Develop Running Estimates (Battalion - Corps)	71 - Combined Arms (Collective)	Approved

**Supporting Collective Task(s):**

<b>Step Number</b>	<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
	71-8-3501	Coordinate Electronic Warfare (Brigade - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-3502	Assess Electronic Warfare Operations (Brigade - Corps)	71 - Combined Arms (Collective)	Approved

**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
	150-029-0008	Maintain Situational Awareness of Electronic Warfare Activities	150 - Combined Arms (Individual)	Approved
	150-029-0009	Assess Electronic Warfare Execution	150 - Combined Arms (Individual)	Approved
	150-029-0010	Adjust Electronic Warfare Plan	150 - Combined Arms (Individual)	Approved
	150-029-0015	Integrate Electronic Warfare Training Requirements	150 - Combined Arms (Individual)	Approved
	150-029-0020	Participate in Joint Electronic Warfare Operations	150 - Combined Arms (Individual)	Approved
	150-029-0021	Participate in Joint Targeting Process	150 - Combined Arms (Individual)	Approved
	150-029-0024	Operate Electronic Warfare Software Programs	150 - Combined Arms (Individual)	Approved
	150-029-0036	Prepare Electronic Attack (EA) Request Forms	150 - Combined Arms (Individual)	Approved
	150-029-0039	Conduct Jamming Control Authority	150 - Combined Arms (Individual)	Approved
	150-029-0040	Control Electronic Warfare (EW) Effects	150 - Combined Arms (Individual)	Approved
	150-029-0043	Conduct Reprogramming Procedures	150 - Combined Arms (Individual)	Approved
	150-029-0047	Manage Electronic Warfare (EW) Equipment Employment	150 - Combined Arms (Individual)	Approved
	150-029-5001	Report Electromagnetic Spectrum Interference	150 - Combined Arms (Individual)	Approved
	150-290-0007	Prioritize Joint Tactical Air Request (JTAR) and Electronic Warfare Electronic Attack Request Form (EARF)	150 - Combined Arms (Individual)	Approved
	150-290-0009	Monitor Electromagnetic Spectrum (EMS) for Indications, Threat, and Warnings for Immediate Threat Recognition and Targeting	150 - Combined Arms (Individual)	Approved
	150-290-0010	Implement Electronic Warfare (EW) Interference Resolution (IR)	150 - Combined Arms (Individual)	Approved
	150-290-0011	Integrate Electronic Attack (EA) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0012	Integrate Electronic Warfare Support (ES) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0013	Integrate Special Purpose Electronic Attack (SPEA) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0014	Integrate Space Operations	150 - Combined Arms (Individual)	Approved
	150-290-0015	Manage Cyber Electromagnetic (CEM) Working Group Outputs	150 - Combined Arms (Individual)	Approved
	150-290-0017	Coordinate Electronic Warfare (EW) with electronic warfare working group (EWWG) members	150 - Combined Arms (Individual)	Approved
	150-290-0020	Manage Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0021	Validate the Electronic Warfare (EW) Training Program	150 - Combined Arms (Individual)	Approved
	150-290-0031	Determine Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0032	Develop Electronic Warfare (EW) Input into Targeting Products	150 - Combined Arms (Individual)	Approved
	150-290-0033	Develop a Joint Tactical Air Request (JTAR) / Electronic Attack Request Form (EARF)	150 - Combined Arms (Individual)	Approved
	150-290-0034	Coordinate Electronic Warfare (EW) with Stakeholders	150 - Combined Arms (Individual)	Approved

	150-290-0035	Advise the Commander on the Employment of Electronic Warfare (EW) Assets	150 - Combined Arms (Individual)	Approved
	150-290-0037	Conduct the Electronic Warfare Working Group (EWWG)	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
	150-290-0041	Conduct Electronic Warfare (EW) Control Authority	150 - Combined Arms (Individual)	Approved
	150-290-0042	Conduct Precision Geolocation Activities	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
	150-29A-0005	Conduct Electronic Warfare (EW) Risk Management	150 - Combined Arms (Individual)	Approved
	150-29A-0008	Manage Electronic Warfare (EW) Assets during Execution of Unified Land Operations	150 - Combined Arms (Individual)	Approved
	150-29A-0009	Modify Electronic Warfare (EW) Plans during the Execution of Unified Land Operations (ULO)	150 - Combined Arms (Individual)	Approved
	150-29A-0010	Conduct Electronic Warfare Control Authority (EWCA)	150 - Combined Arms (Individual)	Approved
	150-29A-0011	Brief Commander and/or Staff on the Employment of Electronic Warfare (EW) during Mission Execution	150 - Combined Arms (Individual)	Approved
	150-29A-0012	Conduct the Electronic Warfare Working Group (EWWG)	150 - Combined Arms (Individual)	Approved
	150-29A-0013	Integrate Electronic Warfare (EW) into Staff Process	150 - Combined Arms (Individual)	Approved
	150-29A-0014	Provide Electronic Warfare (EW) Support to Stakeholders	150 - Combined Arms (Individual)	Approved
	150-29A-0015	Manage Electronic Warfare (EW) Training Program	150 - Combined Arms (Individual)	Approved
	150-29A-0016	Manage Electronic Warfare (EW) Reprogramming	150 - Combined Arms (Individual)	Approved

**Supporting Drill Task(s):** None

**Supported AUTL/UJTL Task(s):**

<b>Task ID</b>	<b>Title</b>
ART 1.0	The Movement and Maneuver Warfighting Function
ART 3.0	The Fires Warfighting Function
ART 5.0	Conduct Mission Command
ART 7.0	Tactical Mission Tasks and Military Operations
OP 2.3.2	Collect Operational Information
OP 5.3	Prepare Plans and Orders
ART 3.1.4	NOMINATE ELECTRONIC ATTACK EFFECTS ON TARGETS

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**TADSS**

<b>Step ID</b>	<b>TADSS ID</b>	<b>Title</b>	<b>Product Type</b>	<b>Quantity</b>
No TADSS specified				

**Equipment (LIN)**

Step ID	LIN	Nomenclature	Qty
No equipment specified			

**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 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. .