

Training and Evaluation Outline Report

Task Number: 71-9-6210

Task Title: Prepare Operationally Significant Defenses (Division Echelon and Above [Operational])

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ADP 3-0	Unified Land Operations	Yes	No
	FM 5-0	THE OPERATIONS PROCESS	Yes	No
	FM 5-102	COUNTERMOBILITY	Yes	No
	FM 5-103	SURVIVABILITY	Yes	No
	FM 6-0	MISSION COMMAND	Yes	No
	FM 90-7	COMBINED ARMS OBSTACLE INTEGRATION	Yes	No
	JOINT PUB 3-0	Joint Operations	Yes	No
	JOINT PUB 3-34	Joint Engineer Operations	Yes	Yes

Condition: The command is conducting or preparing to conduct operations as a joint task force, joint force land component command, Army forces, or Army service component command headquarters. The command's headquarters may or may not have integrated joint staff augmentation, liaisons, unit, and individual attachments. The command has received an operations plan, or warning, operations, or fragmentary order from higher headquarters and is exercising mission command. The commander has issued guidance on preparing operationally significant defenses in the joint operations area. The command is prepared to interface with joint, interagency, governmental authorities, nongovernmental organizations, and multinational forces. The command has established communications with subordinate and adjacent units, and higher headquarters. The mission command system is operational and processing information in accordance with standard operating procedures. Some iterations of this task should be performed in MOPP.

Standard: The staff prepares operationally significant defenses in the joint operation area. The staff plans, coordinates, and synchronizes combat engineer assets to conduct mobility/countermobility/survivability operations that shape the conditions under which military forces must operate.

Note: Task steps and performance measures may not apply to every staff, unit or echelon. Prior to evaluation, coordination should be made between evaluator and the evaluated staffs or units' higher headquarters to determine the performance measures that may not be evaluated.

Special Equipment: None

Safety Level: 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.

Remarks: While Army doctrine has changed to mission command over command and control (C2 - which is now a component of mission command), and changed from using ISR (Intelligence, Reconnaissance and Surveillance) to information collection (comprised of reconnaissance and surveillance, security operations, and intelligence operations), joint doctrine still retains the primacy of C2 over mission command as well as the use of ISR. Commanders and staffs of Army headquarters serving as a joint task force, joint force land component command, Army forces, or Army service component command headquarters should refer to applicable joint or multinational doctrine for the exercise and use of C2 and ISR.

Note: Task content last updated: 26 March 2012

Notes: None

TASK STEPS

1. The staff, led by the engineer section, plans mobility/countermobility/survivability (M/CM/S) operations.
 - a. Determine unit's mission, concept of operations, commander's intent, and priorities for M/CM/S.
 - b. Determine availability of obstacle intelligence (OBSTINTEL) on existing obstacles.
 - c. Analyze OBSTINTEL on existing obstacles.
 - d. Identify information on major roads, bridges, and key facilities in the area of operation (AO).
 - e. Evaluate terrain, climate, and threat capabilities, to determine potential impact on M/CM/S.
 - f. Determine availability of construction and other engineering materials.
 - g. Verify available engineer capabilities to include Army, joint, multinational, host nation (HN), and contracts.
 - h. Determine protection requirements for supported force.
 - i. Determine M/CM/S related information requirements (terrain, and mobility restraints, threat capabilities, and critical infrastructure) and make recommendations for inclusion in the commander's critical information requirements.
 - j. Integrate M/CM/S information requests and reconnaissance into information collection operations.
2. The staff, led by the engineer section, coordinates mobility efforts:
 - a. Countermining operations.
 - b. Engineer reconnaissance.
 - c. Breach minefields, obstacles, and trenches.
 - d. Assault bridging.
 - e. Construction of roads and trails.
 - f. Maintain the main supply route (MSR).
 - g. Coordinate combat trains with supporting forward aviation units.
 - h. Coordinate construction of a low altitude parachute extraction zone, landing strips, and airstrips.
 - i. Breaching operations.
 - j. Clearing operations.
 - k. Gap crossing.
 - l. Plan for retrograde operations.
 - m. Coordinate forward aviation engineering.

- n. Coordinate forward movement of aviation combat engineering.
- o. Coordinate improvised explosive devices, mines, and other unexploded ordnances.

3. The staff, led by the Engineer Section, coordinates countermobility operations:

- a. Coordinate hardening of facilities and construct survivability positions.
- b. Coordinate engineer reconnaissance.
- c. Analyze OBSTINTEL on existing obstacles.
- d. Determine the availability of construction and other engineer materials.
- e. Review availability of engineer capabilities, to include joint, multinational, HN, and contracts.
- f. Coordinate placement of obstacles to reinforce the terrain and maximize the effectiveness of firepower.
- g. Coordinate additional engineer assets to subordinate elements.
- h. Coordinate barriers/obstacles/mines.
- i. Coordinate counter threat breaching operations.
- j. Block high-speed avenues of approach.
- k. Coordinate construction and repairs to routes that facilitate the repositioning of friendly forces throughout the AO.
- l. Coordinate destruction of threat MSR's.

4. The staff, led by the engineer section, coordinates survivability operations:

- a. Analyze existing terrain and advise the staff on its optimal use for protecting the force.
- b. Identify multinational and HN capabilities and determine how to integrate into protection.
- c. Determine the required construction materials.
- d. Determine adequate standoff distance based on the threat.
- e. Coordinate construction of protective earth walls, berms, and revetments for vehicles equipment, and material.

(Asterisks indicates a leader performance step.)

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. The staff, led by the engineer section, planned mobility/countermobility/survivability (M/CM/S) operations.			
a. Determined unit's mission, concept of operations, commander's intent, and priorities for M/CM/S.			
b. Determined availability of obstacle intelligence (OBSTINTEL) on existing obstacles.			
c. Analyzed OBSTINTEL on existing obstacles.			
d. Identified information on major roads, bridges, and key facilities in the area of operation (AO).			
e. Evaluated terrain, climate, and threat capabilities, to determine potential impact on M/CM/S.			
f. Determined availability of construction and other engineering materials.			
g. Verified available engineer capabilities to include Army, joint, multinational, host nation (HN), and contracts.			
h. Determined protection requirements for supported force.			
i. Determined M/CM/S related information requirements (terrain, and mobility restraints, threat capabilities, and critical infrastructure) and made recommendations for inclusion in the commander's critical information requirements.			
j. Integrated M/CM/S information requirements and reconnaissance into the information collection operations.			
2. The staff, led by the engineer section, coordinated mobility efforts:			
a. Countermining operations.			
b. Engineer reconnaissance.			
c. Breached minefields, obstacles, and trenches.			
d. Assault bridging.			
e. Construction of roads and trails.			
f. Maintained the main supply routes (MSR).			
g. Coordinated combat trains with supporting forward aviation units.			
h. Coordinated construction of a low altitude parachute extraction zone, landing strips, and airstrips.			
i. Breaching operations.			
j. Clearing operations.			
k. Gap crossing.			
l. Planned for retrograde operations.			
m. Coordinated forward aviation engineering.			
n. Coordinated forward movement of aviation combat engineering.			
o. Coordinated improvised explosive devices, mines, and other unexploded ordnances.			
3. The staff, led by the engineer section, coordinated counter mobility operations:			
a. Coordinated hardening of facilities and constructed survivability positions.			
b. Coordinated engineer reconnaissance.			
c. Analyzed OBSTINTEL on existing obstacles.			
d. Determined the availability of construction and other engineer materials.			
e. Reviewed availability of engineer capabilities, to include joint, multinational, HN, and contract.			
f. Coordinated placement of obstacles to reinforce the terrain and maximized the effectiveness of firepower.			
g. Coordinated additional engineer assets to subordinate elements.			
h. Coordinated barriers/obstacles/mines.			
i. Coordinated counter threat breaching operations.			
j. Blocked high-speed avenues of approach.			
k. Coordinated construction and repairs to routes that facilitated the repositioning of friendly forces throughout the AO.			
l. Coordinated destruction of threat MSRs.			

4. The staff, led by the Engineer Section, coordinated survivability operations:			
a. Analyzed existing terrain and advised the staff on its optimal use for protecting the force.			
b. Identified multinational and HN capabilities and determined how to integrate into protection.			
c. Determined the required construction materials.			
d. Determined adequate standoff distance based on threat.			
e. Coordinated construction of protective earth walls, berms, and revetments for vehicles equipment, and material.			

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: Sometimes

MOPP Statement: None

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-9-5000	Execute the Operations Process (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5130	Determine Commander's Critical Information Requirements (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5150	Monitor Strategic Situation (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5300	Prepare Plans (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5310	Conduct Operational Mission Analysis (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5320	Issue Planning Guidance (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5390	Prepare Campaign and Related Plans and Orders (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5570	Conduct Joint Force Staff Operations (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-9-6160	Conduct Tactical Warning and Attack Assessment in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-6200	Provide Protection for Operational Forces, Means, and Noncombatants (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-6221	Conduct Counter Improvised Explosive Device Operations (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-6300	Protect Systems in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-7400	Coordinate Consequence Management in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-7600	Conduct Combating Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Elimination (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-7700	Conduct Combating Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Operations (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-7800	Integrate Passive Defense Operations in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-7900	Coordinate Consequence Management in the Joint Operations Area (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	150-718-5111	Participate in the Military Decision Making Process	150 - Combined Arms (Individual)	Approved
	150-718-5112	Participate in Mission Analysis	150 - Combined Arms (Individual)	Approved
	150-718-5113	Recommend the Commanders Critical Information Requirements	150 - Combined Arms (Individual)	Approved
	150-718-5114	Participate in Course of Action Development	150 - Combined Arms (Individual)	Approved
	150-718-5115	Participate in Course of Action Analysis and Wargaming	150 - Combined Arms (Individual)	Approved
	150-718-5116	Participate in Course of Action Comparison	150 - Combined Arms (Individual)	Approved
	150-718-5117	Prepare a Warning Order	150 - Combined Arms (Individual)	Approved
	150-718-5118	Prepare an Annex	150 - Combined Arms (Individual)	Approved
	150-718-5119	Prepare an Operations Order	150 - Combined Arms (Individual)	Approved
	150-718-5121	Participate in Course of Action Approval	150 - Combined Arms (Individual)	Approved
	150-718-5122	Perform Rehearsals	150 - Combined Arms (Individual)	Approved
	150-718-5124	Refine the Plan	150 - Combined Arms (Individual)	Approved
	150-718-5125	Prepare a Fragmentary Order	150 - Combined Arms (Individual)	Approved
	150-718-5144	Prepare a Running Estimate	150 - Combined Arms (Individual)	Approved
	150-718-5145	Conduct Composite Risk Management	150 - Combined Arms (Individual)	Approved
	150-718-6717	Plan for Possible Improvised Explosive Device Threats	150 - Combined Arms (Individual)	Approved

Supporting Drill Task(s): None

TADSS

Step ID	TADSS ID	Title	Product Type	Quantity
No TADSS specified				

Equipment (LIN)

Step ID	LIN	Nomenclature	Qty
No equipment specified			

Material Items (NSN)

Step ID	NSN	LIN	Title	Qty
No equipment 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 FM 5-19, Composite 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, NBC Protection, FM 3-11.5, CBRN Decontamination. .