

# Training and Evaluation Outline Report

**Status: Approved**

**30 Jun 2014**

**Effective Date: 29 Sep 2016**

**Task Number:** 05-BDE-0720

**Task Title:** Conduct Defense Support to Civil Authorities Operations.

**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 Leonard Wood, MO 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
	ADP 3-0	Unified Land Operations	Yes	No
	ADP 5-0	The Operations Process	Yes	No
	ADP 6-0 (Change 002, March 06, 2014)	Mission Command <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/adp6_0_new.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/adp6_0_new.pdf</a>	Yes	No
	ADRP 3-0	Unified Land Operations	Yes	No
	ADRP 5-0	The Operations Process	Yes	No
	ADRP 6-0 (Change 002, March 28, 2014)	Mission Command <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/adrp6_0_new.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/adrp6_0_new.pdf</a>	Yes	No
	ATP 3-28.1	MULTI-SERVICE TACTICS, TECHNIQUES, AND PROCEDURES FOR DEFENSE SUPPORT OF CIVIL AUTHORITIES AND INTEGRATING WITH NATIONAL GUARD CIVIL SUPPORT	Yes	No
	ATP 3-34.40	General Engineering <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp3_34x40.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp3_34x40.pdf</a>	Yes	No
	ATP 3-34.80	Geospatial Engineering <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp3_34x80.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp3_34x80.pdf</a>	Yes	No
	ATP 5-19 (Change 001 09/08/2014 78 Pages)	RISK MANAGEMENT <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf</a>	Yes	No
	FM 3-28	Civil Support Operations	Yes	No
	FM 3-34	Engineer Operations <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_34.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_34.pdf</a>	Yes	Yes
	JP 3-27	Homeland Defense	Yes	No
	JP 3-28	Defense Support of Civil Authorities	Yes	No
	JP 3-34	Joint Engineer Operations	Yes	No

**Conditions:** The command has received an operations plan or operations order from higher headquarters and is exercising mission command. The commander has issued engineer planning guidance to support Defense Support of Civil Authorities (DSCA) operations. 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 4.

**Standards:** The staff plans engineer support to DSCA operations, in response to an authorized request for assistance from civil authorities for domestic emergencies and other domestic activities, in order to save lives, alleviate suffering, and protect property.

**Live Fire Required:** No

**Objective Task Evaluation Criteria Matrix:**

Plan and Prepare		Execute						Assess	
Operational Environment	Training Environment (L/W/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%	<b>T</b>
			75-84%			80-90%		80-89%	<b>T-</b>
Dynamic and Complex (All OE Variables and Single Threat)	Day		65-74%	75-79%	No	65-79%	<All	<=79%	<b>P</b>
			60-64%	60-74%		51-64%			<b>P-</b>
Dynamic and Complex (<All OE Variables and Single Threat)			<=59%	<=59%	<=50%	<b>U</b>			

**Remarks:** None

**Notes:** None

**Safety Risk:** Low

**Task Statements**

**Cue:** None

**DANGER**

None

**WARNING**

None

**CAUTION**

None

## 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. Engineer planners must prepare for a variety of tasks that may include the simultaneous application of engineering capabilities:	N/A	N/A	N/A
a. Provide General engineering support to include:	N/A	N/A	N/A
(1) Conduct infrastructure reconnaissance	N/A	N/A	N/A
(2) Provide engineer advice	N/A	N/A	N/A
(3) Conduct Vertical and Horizontal construction	N/A	N/A	N/A
(4) Provide Lines of Communication construction, repair and maintenance	N/A	N/A	N/A
(5) Provide construction management	N/A	N/A	N/A
(6) Provide survey and design support	N/A	N/A	N/A
(7) Provide Prime Power and Utilities support	N/A	N/A	N/A
(8) Perform Firefighting	N/A	N/A	N/A
(9) Provide Environmental production	N/A	N/A	N/A
(10) Conduct urban search and rescue	N/A	N/A	N/A
b. Provide Combat Engineer support	N/A	N/A	N/A
(1) Conduct reconnaissance	N/A	N/A	N/A
(2) Conduct bridging operations	N/A	N/A	N/A
(3) Construct combat roads	N/A	N/A	N/A
(4) Provide forward aviation combat engineering (FACE)	N/A	N/A	N/A
c. Provide Geospatial Engineer information, planning and services.	N/A	N/A	N/A
(1) Establish the foundation for the COP.	N/A	N/A	N/A
(2) Determine terrain suitability (including LOS) for positioning C2 nodes and communication systems.	N/A	N/A	N/A
(3) Provide terrain analysis products in support of intelligence preparation of the battlefield (IPB).	N/A	N/A	N/A
(4) Enable intelligence, surveillance, and reconnaissance (ISR) synchronization.	N/A	N/A	N/A
(5) Identify mobility corridors	N/A	N/A	N/A
(6) Predict on and off-road mobility.	N/A	N/A	N/A
(7) Identify helicopter landing zones and drop zones.	N/A	N/A	N/A
(8) Identify transportation network (road/rail/air) information for establishing lines of communication (LOCs) and main supply routes.	N/A	N/A	N/A
(9) Determine terrain suitability for positioning sustainment capabilities and establishing base camps; based on terrain and hydrological analysis and assessment of other environmental conditions, such as hazards associated with industrial areas and underground utility lines.	N/A	N/A	N/A
2. The staff element receives the mission.	N/A	N/A	N/A
a. Issues a WARNO to the staff alerting them of the pending planning process	N/A	N/A	N/A
b. Ensures that the commander's guidance and intent are understood.	N/A	N/A	N/A
c. Reviews the operational order.	N/A	N/A	N/A
d. Requests information about the area of operation (AO).	N/A	N/A	N/A
3. The staff analyzes the mission, considering the following	N/A	N/A	N/A
a. The staff completes an engineer estimate considering all of the following areas-	N/A	N/A	N/A
(1) Planners must anticipate actual requirements based on a thorough and continuous engineer estimate.	N/A	N/A	N/A
(2) Issues a WARNO to the staff alerting them of the pending planning process	N/A	N/A	N/A
(3) Ensures that the commander's guidance and intent are understood.	N/A	N/A	N/A
(4) Reviews the operational order.	N/A	N/A	N/A
(5) Requests information about the area of operation (AO).	N/A	N/A	N/A
b. Determines availability of construction materials.	N/A	N/A	N/A
c. Reviews the availability of construction assets to include local and State government, contract and Military.	N/A	N/A	N/A
d. Obtains the necessary geologic, hydrologic, and climate data.	N/A	N/A	N/A
e. Determines Force bed-down requirements with antiterrorism force protection considerations.	N/A	N/A	N/A
(1) Base camp construction.	N/A	N/A	N/A
(2) Power generation.	N/A	N/A	N/A
f. Determines engineer requirements for emergency stabilization and repair of damaged critical infrastructure. Identifying repairs/work-arounds to other critical public utilities, services, and facilities that will help restore the ability of the local authority to manage its own recovery efforts.	N/A	N/A	N/A
(1) Construction and upgrade of ports; airfields; and reception, staging, forward movement, and integration facilities to ensure access to the region.	N/A	N/A	N/A

(2) Construction and repair of roads.	N/A	N/A	N/A
(3) Construction of temporary bridging.	N/A	N/A	N/A
g. Identifies and prioritizes emergency clearing of debris from streets, roads, bridges, airfields, ports, and waterways in support of recovery and humanitarian needs.	N/A	N/A	N/A
(1) Debris or route clearing operations.	N/A	N/A	N/A
(2) Forward aviation combat engineering, to include the repair of paved, asphalt, and concrete runways and airfields.	N/A	N/A	N/A
(3) Installation of assets that prevent foreign object damage to rotary-wing aircraft.	N/A	N/A	N/A
h. Identifies the immediate humanitarian needs of the dislocated populace, such as the construction of temporary shelters and support facilities.	N/A	N/A	N/A
i. Identifies damaged structures and facilities that pose a significant risk to the public for demolition .	N/A	N/A	N/A
4. The staff develops Course of Actions (COAs) for Commanders approval.	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:** Sometimes

**MOPP 4 Statement:** None

**NVG:** Sometimes

**NVG Statement:** None

**Prerequisite Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	05-BDE-0029	Provide Engineer Support for Area Damage Control(ADC)	05 - Engineers (Collective)	Approved
	05-BDE-0066	Conduct Engineer Liaison Operations	05 - Engineers (Collective)	Approved
	05-CO-0080	Establish Engineer Forward Supply Points	05 - Engineers (Collective)	Approved

**Supporting Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	05-BDE-0001	Conduct Staff Rehearsal Operations (Engineer)	05 - Engineers (Collective)	Approved
	05-BDE-0007	Conduct Construction of Sustainment Lines of Communication (LOC) Systems	05 - Engineers (Collective)	Approved
	05-BDE-0009	Conduct Staff Reporting Procedures	05 - Engineers (Collective)	Approved
	05-BDE-0024	Integrate Engineer Information Requirements (IR) Into the Intelligence, Surveillance, and Reconnaissance (ISR) Plan	05 - Engineers (Collective)	Approved
	05-BDE-0066	Conduct Engineer Liaison Operations	05 - Engineers (Collective)	Approved
	05-BDE-0080	Recommend the Employment Priority of Engineer Assets	05 - Engineers (Collective)	Approved
	05-BDE-0086	Manage Class IV and Class V Stocks	05 - Engineers (Collective)	Approved
	05-BDE-0096	Conduct General Engineering Operations	05 - Engineers (Collective)	Approved
	05-BDE-0715	Coordinate Construction Operations	05 - Engineers (Collective)	Approved
	05-BDE-1002	Conduct Construction of Combat Roads or Trails	05 - Engineers (Collective)	Approved
	05-CORP-0090	Perform Engineer Intelligence Functions	05 - Engineers (Collective)	Approved
	05-CORP-0097	Develop a Base Camp	05 - Engineers (Collective)	Approved
	05-CORP-0098	Conduct Countermobility Operations	05 - Engineers (Collective)	Approved
	71-BDE-5100	Conduct the Mission Command Operations Process for Brigades	71 - Combined Arms (Collective)	Approved

**OPFOR Task(s):** None

**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
	052-192-4530	Plan Search Operations	052 - Engineer (Individual)	Approved
	052-195-4065	Conduct Engineer Tactical Planning	052 - Engineer (Individual)	Approved
	052-210-1009	Prepare Engineer Estimate	052 - Engineer (Individual)	Approved
	052-256-4146	Plan Surface Treatment Operations	052 - Engineer (Individual)	Approved
	052-306-7116	Plan Excavation Operations	052 - Engineer (Individual)	Approved
	052-702-9105	Plan Engineer Support for Joint and Combined Operations	052 - Engineer (Individual)	Approved
	052-703-9101	Plan Lines Of Communication(LOC) Clearance Operations	052 - Engineer (Individual)	Approved
	052-703-9102	Advise The Commander On Mobility/Survivability Input To The Combined Arms Reconnaissance Plan	052 - Engineer (Individual)	Approved
	052-703-9103	Plan Force Protection/Survivability Requirements	052 - Engineer (Individual)	Approved
	052-705-9101	Plan Operational Obstacle Clearance	052 - Engineer (Individual)	Approved
	052-706-9101	Plan River Crossing Operations	052 - Engineer (Individual)	Approved
	052-708-9110	Plan Installation Of Expedient Surfaces	052 - Engineer (Individual)	Approved
	052-708-9111	Plan The Construction Of Drainage Systems	052 - Engineer (Individual)	Approved
	052-708-9113	Plan The Construction Of Combat Roads And Trails	052 - Engineer (Individual)	Approved
	052-709-9102	Plan Bridge Reinforcement/Repair Of Non-Standard Bridges	052 - Engineer (Individual)	Approved
	052-710-9101	Plan Concrete Operations	052 - Engineer (Individual)	Approved
	052-713-9101	Plan Engineer Support To Urban Operations	052 - Engineer (Individual)	Approved
	052-715-9101	Advise the Maneuver Force Commander on Contemporary Operational Environmental (COE) Mobility/Survivability Mission and Capabilities	052 - Engineer (Individual)	Approved

**Supporting Drill(s):** None

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

Task ID	Title
ART 5.15.7	Conduct Civil-Military Operations

**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. .

**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. .