

# Training and Evaluation Outline Report

**Status: Approved**

**23 Jun 2009**

**Effective Date: 15 Sep 2016**

**Task Number:** 71-8-5330

**Task Title:** Integrate Situational Understanding Through Knowledge Management (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
	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 6-01.1	Techniques for effective Knowledge Management	Yes	Yes

**Conditions:** 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 integrating situational understanding through knowledge management. The command has established communications with subordinate and adjacent units, and higher headquarters. The mission command networks, information systems, and facilities and equipment are operational and processing information in accordance with standard operating procedures. This task can be performed in hours of daylight or limited visibility in various environment conditions. The unit has received guidance on the rules of engagement. Some iterations of this task should be performed in MOPP 4.

**Standards:** The staff led by the Knowledge Management section integrates, applies, and transfers knowledge to facilitate situational understanding and enhance decision making. The staff verifies knowledge management supports organizational learning, innovation, and performance to ensure knowledge products and services are relevant, accurate, timely, and useable for commanders and staff sections.

**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%	<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:** Updated 7 Dec 2011

**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 Knowledge Management (KM) section assisted by the staff assesses the units' knowledge needs by identifying if performance shortfalls require additional, material or knowledge solutions:	N/A	N/A	N/A
a. Review the commander's guidance to include commander's critical information requirements, priority intelligence requirements and friendly force information requirements.	N/A	N/A	N/A
b. Analyze reports.	N/A	N/A	N/A
(1) Examine how reports are created, organized, and transferred.	N/A	N/A	N/A
(2) Identify who uses the information reports, what they contain and determine.	N/A	N/A	N/A
(3) Determine how to make the information available to the staff and consistent with security requirements.	N/A	N/A	N/A
c. Perform analysis of technical systems supporting KM:	N/A	N/A	N/A
(1) Determine KM requirements.	N/A	N/A	N/A
(2) Verify that the confidentiality, integrity, and availability of the technical network are not jeopardized.	N/A	N/A	N/A
d. Manage digital and nondigital knowledge and information.	N/A	N/A	N/A
2. Identify KM products or services that answers information requirements of the staff or meet the need for a specific knowledge category/staff section:	N/A	N/A	N/A
a. Identify knowledge networks that assist the staff to rapidly share tactics, technique and procedures; operational observations; insights and lessons; and validates explicit knowledge products.	N/A	N/A	N/A
(1) Tactical web portals.	N/A	N/A	N/A
(2) Mission command knowledge systems.	N/A	N/A	N/A
b. Verify connection to virtual communities:	N/A	N/A	N/A
(1) Informal networks.	N/A	N/A	N/A
(2) Communities of interest.	N/A	N/A	N/A
(3) Knowledge centers.	N/A	N/A	N/A
c. Verify connection to Army professional forums:	N/A	N/A	N/A
(1) Unit forums.	N/A	N/A	N/A
(2) Leader forums.	N/A	N/A	N/A
(3) Functional forums.	N/A	N/A	N/A
(4) Communities of practice.	N/A	N/A	N/A
3. The KM section with assistance from the staff develops and builds solutions derived from the assessment and design step:	N/A	N/A	N/A
a. Establish the social framework for virtual communities.	N/A	N/A	N/A
b. Connect social framework to the technical network.	N/A	N/A	N/A
4. The KM section assisted by the staff test and validates the approved KM products and services by providing assistance through:	N/A	N/A	N/A
a. Collaborative assistance by meeting face to face or virtually to help a leader or unit that request assistance.	N/A	N/A	N/A
b. Coaching.	N/A	N/A	N/A
c. Team peer assistance by distribution of knowledge and insights from people outside the unit to unit members.	N/A	N/A	N/A
5. The KM section implements the KM process:	N/A	N/A	N/A
a. Execute the validated KM solution.	N/A	N/A	N/A
b. Integrate the KM solution into the unit mission command networks and information systems and operations through establishing technique and procedures for the staff to use:	N/A	N/A	N/A
(1) Before operations.	N/A	N/A	N/A
(a) Analyze the operational environment in terms of the operational variables: political, military, economic, social, information, infrastructure, physical environment and time to gain understanding of the projected area of operations fundamental to mission command.	N/A	N/A	N/A
(b) Integrate lessons learned.	N/A	N/A	N/A
(2) During operations.	N/A	N/A	N/A
(a) Conduct continuous assessment to provide information that is developed into knowledge throughout planning, preparation and execution.	N/A	N/A	N/A
(b) Maintain knowledge in running estimates.	N/A	N/A	N/A
(c) Validate or disprove assumptions on which the operation order was based.	N/A	N/A	N/A
(3) After operations by collecting and engaging the results of:	N/A	N/A	N/A
(a) Mission debriefs.	N/A	N/A	N/A
(b) After action review.	N/A	N/A	N/A
(c) Lessons learned development.	N/A	N/A	N/A
6. The KM section incorporates the knowledge management principles:	N/A	N/A	N/A

a. Exploit tacit knowledge gained from operations:	N/A	N/A	N/A
(1) Experience.	N/A	N/A	N/A
(2) Expertise.	N/A	N/A	N/A
b. Treat knowledge management as a social and interpersonal activity:	N/A	N/A	N/A
(1) Learning.	N/A	N/A	N/A
(2) Teaching.	N/A	N/A	N/A
(3) Coaching.	N/A	N/A	N/A
(4) Mentoring.	N/A	N/A	N/A
c. Focus on sharing knowledge.	N/A	N/A	N/A
d. Employ standard processes and best practices to integrate knowledge.	N/A	N/A	N/A
e. Connect people with expertise with those in need of that expertise.	N/A	N/A	N/A
f. Foster learning organizations:	N/A	N/A	N/A
(1) Integrate formal and informal learning.	N/A	N/A	N/A
(2) Apply learning strategies.	N/A	N/A	N/A
(3) Encourage a culture of collaboration.	N/A	N/A	N/A
g. Promote trust and mutual understanding.	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:** Never

**NVG Statement:** None

**Prerequisite Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	71-8-5111	Conduct the Military Decisionmaking Process (Battalion - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-5310	Manage Information and Data (Battalion - Corps)	71 - Combined Arms (Collective)	Approved

**Supporting Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	71-8-5110	Plan Operations Using the Military Decision Making Process (Battalion - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-5141	Monitor Situation or Progress of Operations (Battalion - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-5142	Evaluate Situation or Operation (Battalion - Corps)	71 - Combined Arms (Collective)	Approved
	71-8-5310	Manage Information and Data (Battalion - Corps)	71 - Combined Arms (Collective)	Approved

**OPFOR Task(s):** None

**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
	150-000-0000	Provide Mission Command Systems Expertise in Support of the Operations Process	150 - Combined Arms (Individual)	Approved
	150-000-0302	Assess Meetings That Support Staff Integration	150 - Combined Arms (Individual)	Approved
	150-000-0303	Recommend Improvements To Meetings That Support Staff Integration	150 - Combined Arms (Individual)	Approved
	150-000-0401	Enforce a Content Management Standard	150 - Combined Arms (Individual)	Approved
	150-01E-0104	Facilitate a Knowledge Management Working Group	150 - Combined Arms (Individual)	Approved
	150-LDR-5100	Lead the Mission Command Operations Process	150 - Combined Arms (Individual)	Approved
	150-MC-2300	Perform Information Collection	150 - Combined Arms (Individual)	Approved
	150-MC-5111	Conduct the Military Decisionmaking Process	150 - Combined Arms (Individual)	Approved
	150-MC-5124	Refine the Plan	150 - Combined Arms (Individual)	Approved
	150-MC-5130	Assess the Current Situation	150 - Combined Arms (Individual)	Approved
	150-MC-5131	Assist the Commander in Executing Operations	150 - Combined Arms (Individual)	Approved
	150-MC-5144	Develop a Running Estimate	150 - Combined Arms (Individual)	Approved
	150-MC-5200	Conduct Command Post Operations	150 - Combined Arms (Individual)	Approved
	150-MC-5315	Establish the Common Operational Picture	150 - Combined Arms (Individual)	Approved

**Supporting Drill(s):** None

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

Task ID	Title
ART 5.3.3 INVALID	INVALID - ESTABLISH THE INFORMATION NETWORK AND INFORMATION SYSTEMS (INVALID)

**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
7010-01-443-2309		Computer System, Digital: AN/TYQ-45A	1
7010-01-519-131B		Maneuver Control System (MCS) SQL Server (Rack) (Dell 2650) (AN/TYQ-131B)	1
7010-01-MCS-006A		Maneuver Control System Workstation (AN-PYQ-6A)	1
GD 11-2781487-3		Printer, Dual Voltage, Lightweight Laser, HP 1200N (MCS)	1

**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. .