

Training and Evaluation Outline Report

Status: Approved

12 Feb 2015

Effective Date: 30 Sep 2016

Task Number: 71-9-6110

Task Title: Manage Operational Aerospace Targets (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 3-01	US Army Air and Missile Defense Operations https://armypubs.us.army.mil/doctrine/DR_pubs/dr_c/pdf/fm3_01.pdf	Yes	No
	JP 3-0	Joint Operations	Yes	No
	JP 3-01	Countering Air and Missile Threats	Yes	No
	JP 3-60	Joint Targeting	Yes	Yes

Conditions: The command is conducting operations as a Joint Task Force (JTF) or 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 aerospace targets. The command establishes communications with subordinate and adjacent units, and higher headquarters. The mission command system is operational and processing information. This task should not be trained in MOPP 4.

Standards: The staff manages operational aerospace targets by designating offensive air and missile threats as targets for interception and engagement by air and missile defense forces 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 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.

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 plans to counter air and missile threats to ensure friendly freedom of action, provide protection, and deny enemy freedom of action by:	N/A	N/A	N/A
a. Integrating offensive and defensive counterair attack operations.	N/A	N/A	N/A
b. Maintaining a desired degree of air superiority and protection.	N/A	N/A	N/A
c. Neutralizing or destroying enemy aircraft and missiles, both before and after launch.	N/A	N/A	N/A
d. Employing aircraft, surface-to-surface missiles, surface-to-air missiles, artillery, special operations forces, and electronic attack capabilities.	N/A	N/A	N/A
e. Integrating offensive counterair elements capable of contributing to attack operations.	N/A	N/A	N/A
f. Integrating defensive counterair elements to include:	N/A	N/A	N/A
(1) Active air and missile defense capabilities and measures	N/A	N/A	N/A
(2) Passive air and missile defense capabilities and measures.	N/A	N/A	N/A
2. The staff employs counter air and missile capabilities by:	N/A	N/A	N/A
a. Coordinating efforts between combatant commands.	N/A	N/A	N/A
b. Determining the ballistic missile defense requirements.	N/A	N/A	N/A
c. Consolidating allied capabilities into the air and missile defense system.	N/A	N/A	N/A
d. Determining the threat, by system, to the area of operations and to the mission to include:	N/A	N/A	N/A
(1) Cruise missiles.	N/A	N/A	N/A
(2) Ballistic missiles.	N/A	N/A	N/A
(3) Air-to-surface missiles.	N/A	N/A	N/A
(4) Short-range ballistic missiles.	N/A	N/A	N/A
(5) Medium-range ballistic missiles.	N/A	N/A	N/A
(6) Intermediate-range ballistic missiles.	N/A	N/A	N/A
(7) Weapons of mass destruction.	N/A	N/A	N/A
(8) Unmanned aircraft.	N/A	N/A	N/A
3. The staff evaluates threat air operations by:	N/A	N/A	N/A
a. Assessing enemy air capabilities, organization, and doctrine by:	N/A	N/A	N/A
(1) Collecting doctrinal threat data.	N/A	N/A	N/A
(2) Conducting target evaluation.	N/A	N/A	N/A
b. Determining threat cruise missile system capabilities to include:	N/A	N/A	N/A
(1) Performance.	N/A	N/A	N/A
(2) Maximum and minimum ranges.	N/A	N/A	N/A
(3) Circular error probable.	N/A	N/A	N/A
(4) Targeting capabilities and type.	N/A	N/A	N/A
(5) Contour flying capability.	N/A	N/A	N/A
(6) Vulnerability to countermeasures.	N/A	N/A	N/A
(7) Guidance modes.	N/A	N/A	N/A
(8) Warhead type and size.	N/A	N/A	N/A
(9) Radar cross-section.	N/A	N/A	N/A
c. Determining threat ballistic missile system capabilities to include:	N/A	N/A	N/A
(1) Performance.	N/A	N/A	N/A
(2) Location of launch sites.	N/A	N/A	N/A
(3) Maximum and minimum ranges.	N/A	N/A	N/A
(4) Circular error probable.	N/A	N/A	N/A
(5) Crew proficiency.	N/A	N/A	N/A
(6) Reload and fire time.	N/A	N/A	N/A
(7) The number of ballistic missiles per transporter erector launcher.	N/A	N/A	N/A
(8) Warhead type and size.	N/A	N/A	N/A
(9) Guidance modes.	N/A	N/A	N/A
(10) Sub-munitions release altitude.	N/A	N/A	N/A
d. Determining threat aircraft system capabilities to include:	N/A	N/A	N/A
(1) Types and capabilities of threat ordnance.	N/A	N/A	N/A
(2) Range.	N/A	N/A	N/A
(3) Accuracy.	N/A	N/A	N/A
(4) Release altitude.	N/A	N/A	N/A
(5) Reload and fire time.	N/A	N/A	N/A

(6) Warhead type.	N/A	N/A	N/A
(7) Guidance modes.	N/A	N/A	N/A
e. Determining threat unmanned aircraft system capabilities to include:	N/A	N/A	N/A
(1) Performance.	N/A	N/A	N/A
(2) Endurance and range.	N/A	N/A	N/A
(3) Terrain limiting factors.	N/A	N/A	N/A
(4) Target acquisition and standoff range.	N/A	N/A	N/A
(5) Sensor package and payload.	N/A	N/A	N/A
(6) Loiter time.	N/A	N/A	N/A
(7) Data-link capability.	N/A	N/A	N/A
(8) Guidance modes.	N/A	N/A	N/A
f. Determining threat anti-radiation missile system capabilities to include:	N/A	N/A	N/A
(1) Performance.	N/A	N/A	N/A
(2) Frequencies targeted by anti-radiation missiles.	N/A	N/A	N/A
(3) Circular error probable.	N/A	N/A	N/A
(4) Maximum effective range.	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):

Step Number	Task Number	Title	Proponent	Status
	71-9-5200	Assess the Operational Situation	71 - Combined Arms (Collective)	Approved
	71-9-5300	Prepare Plans (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-5400	Control Subordinate Operational Forces (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved
	71-9-6500	Provide Security for Operational Forces (Division Echelon and Above [Operational])	71 - Combined Arms (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	71-TA-5310	Conduct Operational Mission Analysis for Theater Army	71 - Combined Arms (Collective)	Approved

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	150-LDR-5003	Use the Mission Order Technique	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-5144	Develop a Running Estimate	150 - Combined Arms (Individual)	Approved
	150-MC-5145	Conduct Risk Management	150 - Combined Arms (Individual)	Approved
	150-MC-5200	Conduct Command Post Operations	150 - Combined Arms (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
OP 6.1.1	Allocate Operational Air Targets

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.