

Training and Evaluation Outline Report

Task Number: 01-6-0027

Task Title: Participate in Planning BCT Air Defense

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	011-3L-8310	Administer the Army Safety Program	Yes	No
	011-420-0005	Apply the Fundamentals of Air Defense	Yes	No
	011-420-0018	Implement Army Airspace Command and Control (A2 C2)	Yes	No
	011-4G-2927	Aviation Brigade Operations	Yes	No
	011-4G-3152	Military Decision Making Process	Yes	No
	AR 95-1	FLIGHT REGULATIONS	Yes	No
	FM 3-01.11	AIR DEFENSE ARTILLERY REFERENCE HANDBOOK	Yes	No
	FM 3-90.6	Brigade Combat Team	Yes	No
	TC 1-400	Brigade Aviation Element Handbook	Yes	Yes

Condition: The BCT receives a warning order (WARNORD) to conduct a close combat attack with supporting aviation elements. A brigade combat team (BCT) is conducting the Military Decision Making Process (MDMP) for a close combat attack. The Brigade Aviation Element (BAE) is organic to the BCT. The BCT has established communications and digital connectivity via the Army Battle Command System (ABCS), when equipped, with the aviation brigade, BCT subordinates, adjacent, and higher headquarters. The BCT is passing information IAW higher headquarters' and the BCT's standing operating procedures (SOP). Enemy tactical air activity is expected in the unit's area. Some iterations of this task should be performed in MOPP.

Standard: The brigade aviation officer (BAO) is integrated into the BCT planning and the MDMP. Airspace utilization conflicts are resolved. The aviation brigade OPCON assets are integrated into the BCT scheme of maneuver and employed IAW the BCT commander's intent. The Air Defense Officer integrates and synchronizes air defense artillery (ADA) into the tactical plan, providing overlapping coverage and protection. Proper planning and employment of ADA assets limits the effectiveness of enemy tactical air activity.

Special Equipment: None

Safety Level: Low

Task Statements

Cue: N/a

DANGER
n/a

WARNING

n/a

CAUTION

n/a

Remarks: n/a

Notes: ARTEPS are no longer being produced and distributed. This task is available from the Combined Arms Training Strategy (CATS) located in ATN and DTMS. All task steps and performance measures, prerequisite and supporting collective tasks, supporting individual tasks and supporting reference numbers were reviewed/updated on 31 January 2013.

TASK STEPS

- * 1. The BAO and the Air Defense Officer integrate aviation operations and air defense and missile defense protection into operations.
 - a. Designates priority of ADA protection.
 - b. Ensures ADA plan supports the scheme of maneuver.
 - c. Ensures ADA assets are allocated correctly and supports the commander's intent.
- * 2. The BAO and the Air Defense Officer coordinate with the BCT S3 on employment of AD assets.
 - a. Air Defense Officer, in conjunction with the S3, coordinates vertically and horizontally between the brigade and supporting AD units.
 - b. Ensures changes to the tactical plan are incorporated into the AD plan.
- * 3. The BAO and Air Defense Officer identify and control hazards IAW risk management procedures.

(Asterisks indicates a leader performance step.)

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. The BAO and the Air Defense Officer integrated aviation operations and air defense and missile defense protection into operations.			
2. The BAO and the Air Defense Officer coordinated with the BCT S3 on employment of AD assets.			
3. The BAO and Air Defense Officer identified and controlled hazards IAW risk management procedures			

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: Increase in MOPP Levels may increase time required to complete the task.

NVG: Never

NVG Statement: n/a

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	01-1-5121	Conduct Aerial Attack Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-5140	Plan Aerial Close Combat Attack (CCA) Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-6-0028	Coordinate Airspace Command and Control for Higher Commander	01 - Aviation/Aviation Logistics (Collective)	Approved
	71-8-5110	Plan Operations Using the Military Decision Making Process (Battalion - Corps)	71 - Combined Arms (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	01-1-0344	Direct The Aviation Brigade/Battalion Staff	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-5127	Conduct Aerial Close Combat Attack (CCA) Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-5140	Plan Aerial Close Combat Attack (CCA) Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-6-0016	Integrate Aircraft Survivability Measures into Mission Planning	01 - Aviation/Aviation Logistics (Collective)	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	011-400-0006	Implement Army Airspace Command and Control (AC2)	011 - Aviation (Individual)	Approved
	011-420-0005	Determine the Fundamentals of Air Defense	011 - Aviation (Individual)	Approved
	011-510-0027	Employ Army Battle Command System (ABCS)	011 - Aviation (Individual)	Approved
	052-192-3261	React to an Improvised Explosive Device (IED) Attack (UNCLASSIFIED / FOR OFFICIAL USE ONLY) (U//FOUO)	052 - Engineer (Individual)	Approved
	052-703-9113	Plan for the Integration of C-IED Assets in a COIN Environment	052 - Engineer (Individual)	Approved
	150-718-2300	Perform Information Collection	150 - Combined Arms (Individual)	Approved
	150-718-5315	Establish the Common Operational Picture	150 - Combined Arms (Individual)	Approved
	171-300-0083	Enforce Rules of Engagement (ROE)	171 - Armor (Individual)	Approved
	301-192-6001	Apply Predictive Analysis to Support Counter Improvised Explosive Device Operations	301 - Intelligence (Individual)	Approved
	301-192-6002	Apply Pattern Analysis Products to Support Counter Improvised Explosive Device Operations	301 - Intelligence (Individual)	Approved
	301-192-6002	Apply Pattern Analysis Products to Support Counter Improvised Explosive Device Operations	301 - Intelligence (Individual)	Analysis
	301-192-6003	Conduct Information Collection in Support of Counter Improvised Explosive Device Operations	301 - Intelligence (Individual)	Analysis
	301-192-6003	Prepare Request for Intelligence, Surveillance, and Reconnaissance in Support of Counter Improvised Explosive Device Operations	301 - Intelligence (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			

Materiel Items (NSN)

Step ID	NSN	LIN	Title	Qty
No equipment specified				

Environment: 1. 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

2. All aerial defensive and offensive tactical operations require an area in which to maneuver. Most training areas have environmental restrictions that a unit must follow during tactical operations. The flight-route parameters resulting from environmental and noise complaint restrictions are unique to aviation. These restrictions must be considered when planning training aviation missions and during mission briefs.

3. Aviation units use large amounts of hazardous materials during routine maintenance. Commanders will be held responsible for the proper disposal of hazardous materials (HAZMAT). The operation of FARPs is especially challenging because of the potential for major environmental catastrophes. The SOPs specify the proper disposal of HAZMAT (such as oils and lubricants, used drip pans, and grease and oil washed off vehicles).

4. All gunnery ranges have environmental SOPs which aviation units need to comply with. These restrictions include normal environmental guidance. They also include specific instructions for the disposal of casings and ammunition boxes and maneuvering weapon systems.

Note. Each U.S. installation is subject to local and state environmental regulations as well as to federal legislation. For information pertaining to a specific location, contact the installation environmental office. When overseas or on deployment, contact operations and plans, and training staff officer (S3) or the assistant chief of staff, operations (G3).

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. 1. 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.

2. Composite risk management identifies operational risks so hazards can be reduced or eliminated. Composite risk management allows units to operate in high-risk environments. Leaders at every level are responsible for identifying hazards, taking measures to reduce or eliminate hazards, and accepting risk only to the point that the benefits outweigh the potential losses. The Army's doctrinal manuals articulate the risk-management process as the principal risk-reduction tool. Composite risk management is not an add-on feature to the decision-making process but, rather, a fully integrated element of planning and executing operations. The goal is to make composite risk management a routine part of planning and executing operational and training missions.

3. Composite risk management is a continuous process for each assigned mission or training event. It must be integral to military decisions tied into each training plan and become a continuous part of preparation for training. Safety demands total chain of command involvement in planning, preparing, executing, and evaluating training.