

Training and Evaluation Outline Report

Task Number: 01-4-7562

Task Title: Validate Air Traffic Control (ATC) Facility Emplacement Criteria

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 95-1	FLIGHT REGULATIONS	Yes	No
	AR 95-2	AIRSPACE, AIRFIELDS/HELIPORTS, FLIGHT ACTIVITIES, AIR TRAFFIC	Yes	No
	FM 3-04.120	Air Traffic Services Operations	Yes	Yes
	FM 3-04.300	Airfield and Flight Operations Procedures	Yes	No
	TC 3-04.81(FM 3-04.303)	Air Traffic Control Facility Operations, Training, Maintenance, and Standardization	Yes	No

Condition: The battalion is in a simulated (live, virtual or constructive) combat environment. The main Command Post (CP) is operational and staff sections are functioning. The unit has received an OPORD/FRAGO and the commander's guidance. All soldiers and equipment are available. Some iterations of this task should be performed in MOPP.

Standard: ATC facility emplacement criteria is validated IAW appropriate regulations, commander's guidance and unit SOP's.

Special Equipment: None

Safety Level: Low

Task Statements

Cue: None

DANGER

none

WARNING

none

CAUTION

None

Remarks: I task steps and performance measures, prerequisite and supporting collective tasks, supporting individual tasks and supporting reference numbers were reviewed/updated on 31 January 2013.

Notes: None

TASK STEPS

- * 1. Commander approves citing, design, and construction of facilities.
- * 2. Commander considers the following emplacement criteria when validating facilities:
 - a. Availability of existing facilities.
 - b. Practicality of constructing or expanding an airfield.
 - c. Pavement strength for wheel loading.
 - d. Pavement width and length.
 - e. Capability.
 - f. Dual or single runway.
 - g. Access to runway from civilian facilities.
 - h. Line of Sight (LOS) from control facilities to operational to operational areas.
 - i. Security/force protection for facilities.
- * 3. Air Traffic Services (ATS) Platoon Leader determines site selection for emplacement of Air Traffic Service equipment.
- 4. ATS Platoon Leader participates in mission planning process with supported aviation unit.
- 5. ATS Platoon Leader applies criteria established in joint publication (JP) 3-52.3.
- * 6. Commander/Leader performs, or delegates the performance of, the steps in the composite risk management process for each step in troop leading procedures.

(Asterisks indicates a leader performance step.)

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Commander approved site, design, and construction of facilities.			
2. Commander considered the emplacement criteria when validating facilities:			
3. Air Traffic Services (ATS) Platoon Leader determined site selection for emplacement of Air Traffic Service equipment.			
4. ATS Platoon Leader participated in mission planning process with supported aviation unit.			
5. ATS Platoon Leader applied criteria established in joint publication (JP) 3-52.3.			
6. Commander/Leader performed, or delegated the performance of, the steps in the composite risk management process for each step in troop leading 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: None

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	01-1-5168	Establish An Aviation Administrative And Logistics Operations Center (ALOC)	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-5175	Coordinate Tactical Mission Command Information Systems Planning	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-7530	Coordinate Flight Checks of Air Traffic Services (ATS) Facilities and Nav aids	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-2-7908	Coordinate Aviation Interoperability Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7539	Coordinate Aircraft Services	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7540	Coordinate Air Traffic Control Facilities on the Airfield	01 - Aviation/Aviation Logistics (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	01-1-0349	Direct The Aviation Standardization Program	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-5168	Establish An Aviation Administrative And Logistics Operations Center (ALOC)	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-1-7530	Coordinate Flight Checks of Air Traffic Services (ATS) Facilities and Nav aids	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7537	Provide Airspace Information Center (AIC) Services	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7538	Conduct Airfield Inspections and Policing	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7539	Coordinate Aircraft Services	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7540	Coordinate Air Traffic Control Facilities on the Airfield	01 - Aviation/Aviation Logistics (Collective)	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	011-143-0012	Process Pilot Reports (PIREPS)	011 - Aviation (Individual)	Approved
	011-143-1063	Install the AN/TSQ-198A Tactical Terminal Control System (TTCS)	011 - Aviation (Individual)	Approved
	011-143-1064	Operate the AN/TSQ-198A Tactical Terminal Control System (TTCS)	011 - Aviation (Individual)	Approved
	011-143-2011	Direct the Emplacement of Tactical Terminal Control System (TTCS)	011 - Aviation (Individual)	Approved
	011-143-2012	Manage the Operation of Tactical Terminal Control System (TTCS)	011 - Aviation (Individual)	Approved
	011-143-3024	Prepare Minimum Vectoring Altitude (MVA) Chart	011 - Aviation (Individual)	Approved
	011-143-3028	Supervise the Emplacement of Tactical Equipment	011 - Aviation (Individual)	Approved
	011-143-3029	Supervise the Operation of Tactical Equipment	011 - Aviation (Individual)	Approved
	011-412-0062	Perform duties as a member of the Airfield Safety and Standards Element	011 - Aviation (Individual)	Approved
	011-412-0063	Perform duties as a member of the Air Traffic Services Standardization Element	011 - Aviation (Individual)	Approved
	011-412-0066	Provide Airfield Management Technical Assistance for Commanders and Staff	011 - Aviation (Individual)	Approved
	011-415-3103	Supervise the Emplacement of Tactical Equipment	011 - Aviation (Individual)	Approved
	011-415-3126	Provide Air Traffic Control (ATC) Technical Assistance to Commanders and Staffs	011 - Aviation (Individual)	Approved
	052-192-1271	Identify Visual Indicators of an Improvised Explosive Device (IED) (UNCLASSIFIED//FOR OFFICIAL USE ONLY (U//FOUO))	052 - Engineer (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
	052-703-9114	Respond to an IED at the Company Level	052 - Engineer (Individual)	Approved
	171-300-0083	Enforce Rules of Engagement (ROE)	171 - Armor (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.