

Report Date: 23 Sep 2013

**Summary Report for Individual Task
061-266-5100
Measure Site to Crest using an M2 Compass
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: Given an advance party preparing a position, a howitzer section with equipment, an M2 compass, a sector of fire, and a crest to measure. Some iterations of this task should be performed in MOPP.

Standard: Measure site to crest three times with the M2 compass on the highest crest in the sector fire so that an average elevation can be determined IAW the technical guidance listed in FM 6-50.

Special Condition: None

Safety Level: Low

MOPP: Sometimes

Task Statements

Cue: Advance party preparing a position.

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Position the compass.
 - a. Hold compass on its edge with both hands at eye level with arms braced against the body.
 - b. Place the rear sight nearest your eyes.
 - c. Open the cover to an angle of approximately 45 degrees to the face of the compass so that the reflection can be seen in the mirror.
 - d. Site on the crest of the highest object in the sector of fire.
 - e. Center the elevation scale tubular level using the lever on the back of the compass.
2. Read the elevation in mils on the elevation scale.
3. Measure site to crest two more times.
4. Determine the average measurement.
5. Record the average measurement.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Setup: Ensure that all information, references, and equipment required to perform the task are available. Use the performance measures and the references to score the Soldier's performance. Brief the Soldier. Tell the Soldier what he is required to IAW the task conditions and standards.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Positioned the compass.			
2. Read the elevation in mils.			
3. Measured site to crest two more times.			
4. Determined average measurement.			
5. Recorded the average measurement.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery	No	No

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 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 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, 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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
071-520-0001	Orient a Map Using an M2 Compass	071 - Infantry (Individual)	Approved
071-074-0002	Determine a Grid Azimuth Using an M2 Compass	071 - Infantry (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None