

Report Date: 30 Apr 2012

Summary Report for Individual Task

551-88U-1704

Make signals with fusees, hand, flags, lamps using day and night signals

Status: Approved

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

DESTRUCTION NOTICE: None

Condition: Assigned as a Train Handler, Railway Equipment Repairer, or Railway Section Repairer in an operational environment, given a completed risk assessment, a track area, trains, flags, fusees, lanterns, torpedoes, lamps, safety gear. Some iterations of this task should be performed in MOPP.

Standard: Made appropriate signals with fusees, hand, flags, and lamps using day or night signals to safely move trains, vehicles, and pedestrians in accordance with GCOR.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP: Sometimes

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Prepare to make signals according to proper procedures.
 - a. Inspect proper appliances and keep them in good order and ready for immediate use.
 - b. Determine whether day or night signals are appropriate.
 - c. Determine position for giving signals.
 - d. Determine reason for signals.
 - e. Determine if conditions are safe for signaling.
 - f. Determine priority of signaling.
2. Give hand signals.
 - a. Use signal to stop.
 - b. Use signal to reduce speed.
 - c. Use signal to proceed.
 - d. Use signal to back up.
 - e. Use signal that train has departed.
 - f. Use signal to apply air brakes.
 - g. Use signal to release air brakes.
3. Give flag signals.
 - a. Mount color signals above or alongside tracks, mounted on poles, switch stands, or bridges.
 - b. Mount blue signals and switch locks when persons are working on or under equipment.
 - c. Remove blue signals and switch locks when persons are no longer working on or under equipment.
 - d. Use flag signals to proceed.
4. Use lamp signals.
 - a. Use lamp signals to proceed.
 - b. Use lamp signal under emergency conditions or blackouts.
5. Use fusee signals.
 - a. Place fusee on track.

b. Set fusee off.

c. Signal inclement weather.

6. Determine completion of signal when signals have been given, received, and appropriate actions taken.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Prepared to make signals.			
a. Inspected proper appliances to ensure good order and readiness for immediate use.			
b. Determined whether day or night signals are appropriate.			
c. Determined position for giving signals.			
d. Determined reason for signals.			
e. Determined if conditions are safe for signaling.			
f. Determined priority of signaling.			
2. Gave hand signals.			
a. Used signal to stop.			
b. Used signal to reduce speed.			
c. Used signal to proceed.			
d. Used signal to back up.			
e. Used signal that train has departed.			
f. Used signal to apply air brakes.			
g. Used signal to release air brakes.			
3. Gave flag signals.			
a. Mounted color signals above or alongside tracks, mounted on poles, switch stands, or bridges.			
b. Mounted blue signals and switch locks when persons were working on or under equipment.			
c. Removed blue signals and switch locks when persons were no longer working on or under equipment.			
d. Used flag signals to proceed.			
4. Used lamp signals.			
a. Used lamp signals to proceed.			
b. Used lamp signal under emergency conditions or blackouts.			
5. Used fusee signals.			
a. Placed fusee on track.			
b. Set fusee off.			
c. Signaled inclement weather.			
6. Determined completion of signal when signals were given, received, and appropriate actions taken.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	GCOR	GCOR General Code of Operating Rules	No	No

Environment: None

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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-4011	Direct Train Operations	55 - Transportation (Collective)	Approved
55-2-4012	Conduct Train Operations	55 - Transportation (Collective)	Approved