

Summary Report for Individual Task  
551-88H-1801  
Perform Fire Fighting Techniques  
Status: Approved

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Transportation School, Fort Lee, VA 23801 foreign disclosure authority.

This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** Assigned as a Cargo Checker/Handler given a requirement to perform fire fighting techniques in an operational environment, during day or night, in normal weather conditions, a completed risk assessment, safety briefing, fire extinguishers using various extinguishing agents, foam nozzle, can of foam with pickup tube, protective clothing, fire hose with all-purpose nozzle, a fog applicator, two additional personnel to assist, a backup fire extinguisher, a life jacket, and TC 4-15.51. This task should not be trained in MOPP 4.

**Standard:** Perform fire fighting techniques without causing injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Never

**Task Statements**

**Cue:** You are assigned as a Cargo Checker/Handler tasked with performing fire fighting techniques.

**DANGER**

Adhere to all DANGER statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**WARNING**

Adhere to all WARNING statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**CAUTION**

Adhere to all CAUTION statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**Remarks:** None

**Notes:** None

## Performance Steps

### 1. Fight fire using a mechanical foam nozzle.

Note: Report to the station in proper protective clothing.

- a. Remove the all-purpose nozzle from the fire hose.
- b. Attach the mechanical foam nozzle onto the hose.
- c. Attach the pickup tube onto butt of mechanical foam nozzle.
- d. Remove lid from foam can.
- e. Insert metal end of pickup tube into foam can.
- f. Move into position to fight the fire.
- g. Aim nozzle to hit off the bulkhead or other object, creating a foam blanket over the area of the fire.
- h. Set reflash watch (duty).

### 2. Fight fire using a CO2 fire extinguisher.

- a. Obtain a CO2 fire extinguisher.
- b. Move to location of fire.
- c. Remove the locking pin from the valve handle.

## CAUTION

The horn must be held by the insulated handle due to the extremely low temperature of CO2 which can cause skin to stick to the horn.

- d. Remove discharge horn and point toward base of fire.
- e. Squeeze the trigger.
- f. Move forward slowly, directing discharge at base of fire in a slow sweeping motion (Class B fire).

### 3. Fight fire with dry chemical fire extinguisher.

Note: You must identify the class of fire before using a dry chemical, as it is good for Class B or C fires only.

- a. Obtain a dry chemical fire extinguisher.  
Note: You must identify the extinguisher as cartridge or pressure operated.
- b. Move to location of the fire.
- c. Remove the locking pin from the seal cutter assembly or valve handle if pressure operated.
- d. If cartridge operated, sharply strike the puncture lever to puncture the gas cartridge seal.

e. Aim the discharge nozzle at the base of the flames and sweep it rapidly from side to side, discharging the dry chemical in short bursts.

## **WARNING**

Dry chemical extinguishing agents are considered nontoxic; however, they may have irritating effects when inhaled. For this reason, a warning signal, similar to the one used in carbon dioxide systems should be installed in any space that might be totally flooded with the dry chemical. In addition, breathing apparatus and lifelines must be available in case personnel must enter the space before it is entirely ventilated.

f. If cartridge operated, invert the extinguisher while squeezing the discharge nozzle to release the remaining CO<sub>2</sub> from the cartridge.

4. Fight fire with water.

Note: If the water pressure is reduced at any time during the performance of this task, the entire team will retreat to a safe position.

a. Report to the fire station properly attired.

b. Lay out hoses as directed.

(1) Hose 1 sets up for high-velocity fog or straight stream.

(2) The hose 2 nozzleman will follow closely behind hose 1 nozzleman, providing low-velocity fog cooling for fire team 1.

c. Charge the fire hoses.

d. Place the bail in the FOG position.

e. Advance slowly on the fire.

(1) Operate hose 1 with large rotation to cool down the hatch or watertight door to be entered.

(2) The hose 2 nozzleman will follow closely behind hose 1 nozzleman, providing low-velocity fog cooling for fire team 1.

f. Enter the burning compartment.

Note: Hoseman may remain outside while nozzleman enters (as directed by the on-scene leader).

g. Direct hose 1 in a sweeping motion from right to left at the base of the fire.

h. Report to scene leader, "fire contained" or "fire under control", as appropriate.

i. Report to scene leader, "fire is out".

j. Perform overhaul of fire using a straight stream, high- or low-velocity fog as directed by scene leader.

k. Set reflash watch (duty) or secure as directed by scene leader.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on performing fire fighting techniques.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Fought fire with mechanical foam nozzle.			
2. Fought fire with CO2 fire extinguisher.			
3. Fought fire with dry chemical fire extinguisher.			
4. Fought fire with water.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-15.51	MARINE CREWMAN`S HANDBOOK	Yes	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.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste. Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take.

Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:-Hazardous materials program.-Hazardous waste program.

- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, 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.

All soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior soldiers, and their subordinates. The importance of safety is intensified for personnel conducting Fire Fighting operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Ensure personnel are wearing proper protective clothing.
- Ensure personnel are familiar with different fire fighting devices and techniques.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at

every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-2531	Supervise Safety Procedures in the Handling of Dangerous or Hazardous Cargo	551 - Transportation (Individual)	Obsolete
551-88H-3529	Supervise Safety Procedures in the Handling of Dangerous or Hazardous Cargo	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-0046	Conduct Firefighting Operations	55 - Transportation (Collective)	Approved
55-2-0051	Conduct On-Board Firefighting Operations	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA