

Training and Evaluation Outline Report

Task Number: 05-3-8013

Task Title: Perform Confined Space Rescue Operations

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 5-19	COMPOSITE RISK MANAGEMENT	Yes	No
	NFPA 1006	Standard for Rescue Technician Professional Qualifications	Yes	No
	NFPA 1670	Standard on Operations and Training for Technical Search and Rescue Incidents. 2009 Edition	Yes	Yes
	NFPA STDS AND REGS	National Fire Protection Association Standards and Regulations	Yes	No

Condition: The element receives an Operations Order (OPORD)/Fragmentation Order (FRAGO) to perform a confined space rescue within their Area of Operations(AO). The element will work in conjunction with first responders/Urban Search & Rescue (US&R) teams within the AO. The element has all organic/special equipment and personnel required to accomplish the mission. The element may be augmented by additional forces for security. This task may be performed under a full spectrum of threat capabilities in a field or urban environment during day, night, and in any environmental condition. This task should not be trained in MOPP.

Standard: The element performs confined space rescue under the direction of the Incident Commander (IC), using organic/special equipment and personnel. The casualty will be disentangled, packaged, and retrieved safely without causing additional injury.

Special Equipment: None

Task Statements

Cue: None

DANGER

Death or injury could result if untrained technical rescue personnel are used.

WARNING

None

CAUTION

None

Remarks: None

Notes: Task steps marked ** indicate required certifications for the level of rescue to be performed.

TASK STEPS

1. The element receives the order to perform a confined space rescue.
 - a. Analyzes the order.
 - b. Performs Troop Leading Procedures (TLPs).
- * 2. The element reports to the IC.
 - a. Receives and understands mission directives from the IC.
 - b. Provides IC with information concerning on hand personnel, certifications, equipment and materials.
3. The element sizes up the scene.
 - a. Determines the need for security at the scene.
 - b. Implements site control and scene management.
 - (1) Access to the incident scene is controlled.
 - (2) Places barricades or scene control tape to limit access.
 - c. **Identifies general and site specific hazards.
 - d. **Identifies the need and materials for shoring.
 - e. **Identifies the need for additional resources.
 - f. **Identifies and evaluates confined space configurations, access points, entry openings, isolation procedures and energy control locations.
 - g. **Determines if a permit or non-permit is required for the confined space.
 - h. Possible casualty locations are identified by interviewing bystanders, casualties and workers.
 - i. **Performs risk-benefit analysis and evaluates rescue vs. recovery.
 - j. Drafts or draws a sketch of the confined space.
4. The element prepares for entry into a confined space.
 - a. **Marks entrance to the confined space.
 - b. **Evaluates specific rescue systems for entry and retrieval of rescuers and casualties.
 - c. **Constructs a rope lowering/raising system.
 - d. **Selects and assures proper operations of the air-monitoring equipment.
 - e. **Selects and assures proper operation of the ventilation equipment.

- f. **Identifies Personal Protective Equipment (PPE) requirements.
 - g. Conducts pre-entry medical screening of rescue personnel.
 - h. Establishes emergency means of retrieval for rescue entrants.
 - i. **Gives pre-entry briefing.
 - j. **Identifies methods of ingress & egress for rescuers and casualties.
5. The rescue team enters the confined space.
Note: After entering confined space, additional shoring may be needed throughout the rescue operation.
- a. **Dons appropriate PPE.
 - b. Attaches retrieval line to harness and running end is secured outside.
 - c. **Locates casualty and establishes contact.
 - d. **Continues to monitor atmosphere in confined space and records findings on permit.
 - e. Utilizes a personnel accountability system.
6. The rescue team implements casualty recovery operations.
- a. **Provides life saving emergency medical care.
 - b. **Disentangles casualty from entrapment.
 - c. **Uses the appropriate packaging device based on the casualty's condition.
 - (1) **Packages casualty with spinal injuries.
 - (2) **Packages casualty in a litter.
 - (3) **Packages casualty in a harness.
 - (4) **Packages casualty in a low profile device.
 - d. **Gives the casualty the smallest possible profile so further harm is minimized.
 - e. **Rescuer/attendant accompanies casualty during lowering/raising operations.
7. The element terminates the confined space rescue effort when all casualties and personnel are accounted for.
- a. Provides the IC with all reports and documentation required for TR operations.
 - b. Prepares all recoverable materials, equipment, and personnel for redeployment.
 - c. Conducts Critical Incident Stress Debriefing (CISD).

Step Number	Task Number	Title	Proponent	Status
	031-510-1012	Construct a Mechanical Advantage System	031 - CBRN (Individual)	Approved
	052-200-1075	Tie Knots	052 - Engineer (Individual)	Approved
	052-249-1103	Don Protective Clothing	052 - Engineer (Individual)	Approved
	052-249-1131	Perform Rescue Carries	052 - Engineer (Individual)	Approved
	052-249-1137	Operate a Self-Contained Breathing Apparatus	052 - Engineer (Individual)	Approved
	052-249-1156	Perform Hoisting Operations With Ropes	052 - Engineer (Individual)	Approved
	081-830-0060	ADMINISTER BASIC LIFE SUPPORT TO A PATIENT	081 - Medical (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: 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, NBC Protection, FM 3-11.5, CBRN Decontamination. 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.