

# Training and Evaluation Outline Report

Status: Approved

05 Jun 2015

Effective Date: 05 Oct 2016

Task Number: 05-PLT-5413

Task Title: Perform Machinery Rescue

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

**Destruction Notice:** None

**Foreign Disclosure: FD1** - This training product has been reviewed by the training developers in coordination with the Fort Leonard Wood, MO MSCoE foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

## Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 5-19 (Change 001 09/08/2014 78 Pages)	RISK MANAGEMENT <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf</a>	Yes	No
	IFSTA MANUAL	Essentials of Fire Fighting (6th Edition).	Yes	No
	NFPA	National Fire Protection Association, Fire Protection Guide on Hazardous Materials, Eighth Edition	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 472	National Fire Protection Association, Standard for Professional Competence of Responders to Hazardous Materials Incidents, 2002 Ed	Yes	No
	TM 3-34.30	Firefighting	Yes	No

**Conditions:** The engineer fire and emergency services (F&ES) team is notified of an incident requiring machinery rescue within their Area of Operations (AO). The element has all assigned personnel, materials and required equipment to accomplish the mission. The element may be augmented by additional forces for security. This task should be trained in personal protective equipment (PPE) appropriate to the assigned mission.

Note: The Commander must still determine at what level of training they would want the element to perform. Crawl, walk or run. This can only be determined after consideration as to the units training level.

The Commander prior to evaluating an element in the conduct of the task must determine if it will be conducted in a Live, Virtual, or Constructive environment, additionally it must also be determined which condition as described below that the element will conduct the task. The selection made for this task is at a trained level of proficiency. The commander must determine which of the environments below will best suit the unit and the proficiency level at which the unit is. When conducting crawl or walk level training units should not increase the intensity until the unit has achieved the standards and then unit trainers should include variables that increase proficiency in all conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "fully trained" (T) rating.

Note: Condition terms definitions:

**Dynamic Operational Environment:** Three or more operational and two or more mission variables change during the execution of the assessed task. Operational variables and threat Tactics, Techniques, and Procedures (TTPs) for assigned counter-tasks change in response to the execution of Blue Forces (BLUFOR) tasks.

**Complex Operational Environment:** Changes to four or more operational variables impact the chosen friendly COA/mission. Brigade and higher units require all eight operational variables of Political, Military, Economic, Social, Infrastructure, Information, Physical environment, and Time (PMESII-PT) to be replicated in varying degrees based on the task being trained.

**Single threat:** Regular, irregular, criminal or terrorist forces are present.

Hybrid threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually benefiting effects.

Some iterations of this task should be performed in MOPP 4.

**Standards:** The element performs machinery rescue operations under the direction of the supported authority using organic/special equipment and personnel. The element secures and stabilizes the scene, extricates, packages, and removes the victim without causing additional injury to the victim or rescuer.

Note: Leaders are defined as the Commander, Executive Officer, First Sergeant, Operations Sergeant, Platoon Leaders, Platoon Sergeants, Squad Leaders, and Team Leaders.

**Live Fire Required:** No

**Objective Task Evaluation Criteria Matrix:**

Plan and Prepare		Execute						Assess	
Operational Environment	Squad & PLT	Training Environment (L/V/C)	Training/Authorized % of Leaders Present at	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
Dynamic (Single Threat)	Night	IAW unit CATS statement.	>=85%	>=80%	Yes	>=91%	All	>=90%	<b>T</b>
			75-84%			80-90%		80-89%	<b>T-</b>
Static (Single Threat)	Day		65-74%	75-79%	No	65-79%	<All	<=79%	<b>P</b>
			60-64%	60-74%		51-64%			<b>P-</b>
			<=59%	<=59%		<=50%			<b>U</b>

**Remarks:** None

**Notes:** 1. Due to the numerous rescue scenarios that may be encountered it is impossible to give specific techniques.

2. All required references and technical manuals will be provided by the local command.

**Safety Risk:** High

<b>Task Statements</b>
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**Cue:** None

## DANGER

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

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

## WARNING

Risk management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

## CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.



**MOPP 4:** Sometimes

**MOPP 4 Statement:** This task may be performed in some level of personal protection which may include MOPP 4 or higher levels of protection depending on the projected hazard.

**NVG:** Never

**NVG Statement:** None

**Prerequisite Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
	05-PLT-5412	Perform Mission Command Over Firefighting Teams	05 - Engineers (Collective)	Approved

**Supporting Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
1.	71-CO-5100	Conduct Troop Leading Procedures for Companies	71 - Combined Arms (Collective)	Approved
10.	05-CO-0018	Conduct Report Procedures	05 - Engineers (Collective)	Approved

**OPFOR Task(s):**

Task Number	Title	Status
71-2-9002	OPFOR Ambush(Company and below)	Approved
71-CO-9004	OPFOR Reconnaissance Attack (Company and below)	Approved

**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
	052-247-1201	Package a Victim for Removal From an Urban Search and Rescue Incident	052 - Engineer (Individual)	Approved
	052-247-1202	Maintain Urban Search and Rescue Hand and Power Tools	052 - Engineer (Individual)	Approved
	052-247-3101	Perform a Size Up of an Urban Search and Rescue Incident	052 - Engineer (Individual)	Approved
	052-249-1103	Don Protective Clothing	052 - Engineer (Individual)	Approved
	052-249-1132	Maintain Protective Clothing	052 - Engineer (Individual)	Approved
	052-249-1133	Maintain Firefighting Tools and Equipment	052 - Engineer (Individual)	Approved
	052-249-1137	Operate a Self-Contained Breathing Apparatus	052 - Engineer (Individual)	Approved
	052-249-1138	Use Firefighting Tools and Equipment	052 - Engineer (Individual)	Approved
	052-249-1141	Maintain Rescue Power Equipment	052 - Engineer (Individual)	Approved
	052-249-1143	Perform Operator Preventive-Maintenance Checks and Services on a Firefighting Apparatus	052 - Engineer (Individual)	Approved
	052-249-1154	Utilize Airlifting Bags and Cribbing	052 - Engineer (Individual)	Approved
	052-249-1163	Maintain a Self-Contained Breathing Apparatus	052 - Engineer (Individual)	Approved
	052-249-2113	Manage a Personnel Accountability System	052 - Engineer (Individual)	Approved
	081-833-0038	Initiate Treatment for a Head Injury	081 - Medical (Individual)	Approved
	081-833-0051	Initiate Treatment for Burns	081 - Medical (Individual)	Approved
	081-833-0176	TREAT A CASUALTY WITH A SUSPECTED SPINAL INJURY	081 - Medical (Individual)	Approved
	081-833-0177	Apply a Cervical Collar	081 - Medical (Individual)	Approved
	081-833-0178	APPLY A KENDRICK EXTRICATION DEVICE	081 - Medical (Individual)	Approved
	081-833-0181	Apply a Long Spine Board	081 - Medical (Individual)	Approved

**Supporting Drill(s):** None

**Supported AUTL/UJTL Task(s):**

Task ID	Title
ART 6.6.1.7	Provide Fire and Emergency Services

**TADSS**

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

**Equipment (LIN)**

LIN	Nomenclature	Qty
No equipment specified		

**Materiel Items (NSN)**

NSN	LIN	Title	Qty
No materiel items 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 the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. .

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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. .