

Summary Report for Individual Task
052-247-1331
Operate a Raising System
Status: Approved

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 Ft Leonard Wood/MSCOE foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: You are a member of an urban search and rescue (US&R) team and are given an established raising and belay system, a load to be raised and personal protective equipment (PPE). This task should not be trained in MOPP 4.

Standard: Operate a raising system ensuring that the movement of the load is controlled, load can be held in place when needed, operating methods do not stress the system to the point of failure and potential problems are identified, communicated, and managed.

Special Condition: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: All required references and technical manuals will be provided by the local US&R Command.

Performance Steps

1. Confirm that the belay and main-lines are attached to the load.
2. Conduct a system safety check. (See task 031-627-2152)
3. Remove all the slack in the main-line rope and extend the system as far forward as possible.
 Note: Removing all slack in the main-line will maximize the length of the haul before resetting is necessary.
4. Establish a position on the haul line.
5. Raise the load.
 - a. Begin raising the load by walking the main line rope backwards when the haul team leader gives the command "haul".
 - b. Raise the load in a controlled manner until the haul team leader gives the command "stop".
 Note: While raising the load, haul team members may have to change position and rotate from rear to front because of limited hauling space.
6. Set the Progress Capture Device (PCD).
 - a. Release the tension by easing back on the main line to set the PCD once the haul team leader gives the command "set".
 - b. Give slack to the main-line rope to allow the rope to be reset once the haul leader gives the command "reset".
7. Reset the raising system by grasping the prusik and carabiner and move them down the main-line rope as far as possible.
8. Continue raising the load by repeating steps five through eight until the load reaches the desired location.
9. Pull the load over the edge and provide enough slack in the main and belay line ropes to disconnect the load.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all measures are passed (P). Score the Soldier NO-GO if any measure is failed (F). If the student fails any measure, show him how to do it correctly.

Evaluation Preparation: Provide the Soldier with all the items listed in the conditions. Tell the Soldier to neutralize power sources and other hazards for a vehicle and machinery incident.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Confirmed that the belay and main-lines were attached to the load.			
2. Conducted a system safety check. (See task 031-627-2152)			
3. Removed all the slack in the main-line rope and extended the system as far forward as possible.			
4. Positioned yourself on the haul line.			
5. Raised the load.			
6. Set the Progress Capture Device (PCD).			
7. Reset the raising system by grasping the prusik and carabiner and moved them up the main-line as far as possible.			
8. Continued to raise the load by repeating steps five through eight until the load reached the desired location.			
9. Pulled the load over the edge and provided enough slack in the main and belay line ropes to disconnect the load.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	CS&SRR	Confined Space and Structural Rope Rescue, Mosby - 1998, Tom Vines, Michael Roop, Richard Wright	No	No
	IFSTA	International Fire Service Training Association (IFSTA) Fire Service Search and Rescue, 7th Edition	No	No
	IFSTA - 1st Edition	IFSTA Technical Rescue for Structural Collapse, 1st Edition	No	No
	ISBN 13: 9781428320567	Technical Rescuer-Rope Levels 1 and 2	No	No
	NFPA 1006	Standard for Rescue Technician Professional Qualifications	Yes	Yes
	NFPA 1670	Standard on Operations and Training for Technical Search and Rescue Incidents. 2009 Edition	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, 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
052-247-1305	Construct a Load Sharing Anchor System	052 - Engineer (Individual)	Reviewed
052-247-1303	Belay a Falling Load	052 - Engineer (Individual)	Approved
031-627-2153	Operate a Belay System	031 - CBRN (Individual)	Approved
052-247-1304	Construct a Fixed Rope System	052 - Engineer (Individual)	Analysis
031-627-2152	Conduct a System Safety Check	031 - CBRN (Individual)	Approved
031-627-2151	Construct a Belay System	031 - CBRN (Individual)	Approved
052-247-1302	Construct a Simple Rope Mechanical Advantage System for Rope Rescues	052 - Engineer (Individual)	Approved
031-627-2148	Construct a Single Point Anchor System	031 - CBRN (Individual)	Approved
052-247-1306	Construct a Compound Rope Mechanical Advantage System for Rope Rescues	052 - Engineer (Individual)	Approved
052-247-1301	Tie Knots, Bends, and Hitches for Rope Rescues	052 - Engineer (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None