

052-247-1201
Package a Victim for Removal From an Urban Search and Rescue Incident
Status: Approved

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 FLW, MO 65473 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: You are a member of a Urban Search and Rescue (US&R) team and are given a victim, medical packaging equipment, first aid kit, rescue litter(s), webbing, rope, associated hardware and required Personal Protective Equipment (PPE). You have taken body substance isolation (BSI) precautions. This task should not be trained in MOPP 4.

Standards: Package a victim in appropriate packaging device for removal from an Urban Search and Rescue (US&R) incident ensuring the medical needs are met, the packaged victim is given smallest possible profile, and lifesaving steps are made without causing further injury to the victim IAW National Fire Protection Association (NFPA) 1006.

Special Conditions: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

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

Notes: None

Performance Steps

1. Take body substance isolation (BSI) precautions.

WARNING

All body fluids should be considered potentially infectious. Always observe BSI precautions by wearing gloves and eye protection as a minimal standard of protection.

2. Don appropriate level PPE for given incident.
3. Perform a scene assessment.
 - a. Determine the safest route to access the victim.
 - b. Determine the number of casualties.
 - c. Request additional help, if necessary.
 - d. Consider the need for spinal stabilization.
4. Perform an initial victim trauma assessment.
 - a. Perform basic management of traumatic injuries and medical conditions, including spinal immobilization.
 - b. Support respiratory efforts as needed.
 - c. Perform CPR as required based on the environment.
 - d. Perform victim triage assessment as appropriate.
 - e. Determine the mechanism of injury (MOI).
 - f. Give first aid for life-threatening injuries.
5. Immobilize victim as needed in appropriate packaging device to provide for smallest possible profile without causing further injury (See tasks 081-833-0176, 081-833-0177, 081-833-0178, 081-833-0181, 081-833-0096 if required).
6. Secure victim in Stokes basket litter device (if required).
 - a. Prepare the basket litter.
 - (1) Inspect basket litter.
 - (2) Select appropriate webbing/equipment.
 - b. Lash victim in litter.
 - (1) Secure interior chest lashing harness.
 - (2) Lay the length of the webbing across the litter, just below the mid-point.
 - (3) Position victim and secure to litter.
 - (a) Place the victim in the litter.

1 Route all monitoring leads and IV tubing towards victims head.

2 Cover victims head with hood or towel.

3 Place face shield on victim.

(b) Secure interior chest lashing harness.

Note: It is recommended that webbing not be allowed to cross the top side of the litters main frame rail because this can expose the webbing to abrasion.

1 Lay 20' section of webbing across victim's chest.

2 Run each end under the victim's armpits and cross them in an 'X' behind the back.

3 Pass ends over the shoulders.

4 Create a half hitch in center of chest with the webbing.

5 Pass the two ends through the half-hitch.

6 Secure ends with a clove hitch on a post below the victims waist.

(c) Secure interior pelvic lashing harness

1 Reach between victim's legs and pull up the center of the webbing until the bight is at the victim's waist.

2 Run each end of webbing through the bight in the direction of foot-to-head.

3 Snug harness around victim.

4 Run both ends straight up over the subjects head and tie them off with safetied clove hitches.

(4) Secure exterior lashing (Diamond Lashing).

(a) Attach center of a 30-foot piece of one-inch tubular webbing to bottom rail of stokes basket with a girth hitch.

(b) Lace the webbing back and forth through opposite points along the side rails, towards the head.

Note:

The webbing should go around vertical supports, but not the top rail.

(c) When lashing reaches chest level, tighten each side securely from bottom to top, and then tie off to a vertical support with a safetied clove hitch.

Note:

Never lash horizontally across upper chest near neck, this could strangle subject if he or she slides down.

c. Rig Stokes basket for vertical or horizontal lift (if required).

(1) Rig for vertical lift.

(a) Wrap the end of the rope around the main frame at the center head of the rescue basket avoiding welds if present.

(b) Secure the end of the rope with a figure-eight follow through and tie off the tail for safety.

(c) Perform a system safety check.

(2) Rig for a horizontal lift.

(a) Construct pre-rig rope harness.

1 Tie a figure-eight on a bight in the middle of a 16-20 foot rescue rope.

2 Tie a figure-eight on a bight at the end of each leg of the pre-rig

3 Attach a Prusik loop above each figure-eight on a bight with a three-wrap hitch.

4 Attach a carabiner to the bight and the Prusik loop on each leg of the pre-rig.

5 Repeat steps (a) through (d) to construct second pre-rig.

(b) Attach pre-rig harness to rescue basket.

1 Attach the legs of the pre-rig into anchor point openings on each side of the head and foot ends of the litter with carabiner.

2 Adjust the harness so that the victim's head is higher than his feet.

(3) Perform a final system safety check of entire system.

7. Secure victim in Sked litter for removal (if required).

a. Prepare Sked for operation.

(1) Remove Sked from pack and place on ground.

(2) Unfasten retainer strap, step on foot end of Sked and unroll completely. While standing on the foot end, pick up head end and fold it over your arm and back roll.

(3) Repeat back roll on foot end. Litter should now lay flat.

b. Immobilize victim as necessary.

c. Load victim onto Sked.

(1) Log roll.

(2) Slide method

d. Secure victim in Sked.

(1) Lift sides of Sked and fasten the four cross straps to buckles directly opposite the straps. Tighten straps enough to hold victim in place but not so tight that the victim's ability to breathe is affected.

(2) Feed foot straps through their respective grommets at foot of Sked and to buckles. At this point the victim is packaged correctly for towing evolutions. The Sked can be towed using the pre-attached handle or the tow strap.

e. Horizontal lift/descent set-up (as needed).

(1) Secure the head end of the stretcher up and over the patient's head by tying the pre-attached handle to a convenient cross strap.

Note: Do not secure so tight that patient's cervical spine or airway is compromised.

(2) Use the shorter of the lifting straps at the head end of Sked. Insert one end of head strap through angled slot at head end of stretcher.

(3) Bring strap under Sked and through lift slot on opposite side.

(4) Repeat procedure with other strap at foot end.

(5) Equalize all four straps and secure to two steel locking carabiners.

(6) Connect carabiners to rope rescue system.

f. Vertical lift/descent set-up (as needed).

(1) Secure the head end of the stretcher up and over the victim's head by tying the pre-attached handle to a convenient cross strap.

- (2) Tie a figure 8 with a bight in the middle of the 30' by 3/8" kernmantle rope.
 - (3) Pass each end of the rope through grommets at the head end of stretcher from the outside inward.
 - (4) Pull the knot up against the stretcher.
 - (5) Feed rope through unused grommets and each carrying handle all the way to the foot end of the Sked.
 - (6) Pass rope ends through grommets at the foot end of stretcher from the inside outward.
 - (7) Tie the ends of the rope together with a square knot (tie a safety double overhand knot).
 - (8) Bring ends of rope up over end of Sked and pass through carrying handles and tie ends together with a square knot (tie a safety double overhand knot).
 - (9) Tie a safety overhand knot with each end.
8. Transfer victim to appropriate Emergency Medical Services group using appropriate medical protocols.
9. Update IC on victim status.

(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 Soldier fails any measure, show him how to do it correctly.

Evaluation Preparation: Setup: Provide the Soldier with all the items listed in the conditions.

Brief Soldier: Tell the Soldier to package victim(s) for US&R operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Took BSI precautions.			
2. Donned appropriate level PPE for given incident.			
3. Performed a scene assessment.			
4. Performed an initial victim trauma assessment.			
5. Immobilized victim as needed in appropriate packaging device to provide for smallest possible profile without causing further injury.			
6. Secured victim in Stokes basket litter device (if required).			
7. Secured victim in Sked litter for removal (if required).			
8. Transferred victim to appropriate Emergency Medical Services group using appropriate medical protocols.			
9. Updated IC on victim status.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	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
	NFPA 1006	Standard for Rescue Technician Professional Qualifications	No	No
	NFPA 1670	Standard on Operations and Training for Technical Search and Rescue Incidents. 2009 Edition	No	No
	TC 4-02.1	First Aid	No	No

TADSS : None

Equipment Items (LIN):

LIN	Name
HA4055	Basket, Rescue
HA4020	Rescue Equipment
NA4578	First Aid Kit
NA301K	Spine Splint Assembly
HA407L	Rescue Extraction Kit
NA309Y	SKED Stretcher
NA301B	Spineboard
NA153F	Splint Traction-Extri
BB8055	Bag, Equipment, Rescue
NA454E	Trauma Kit

Materiel Items (NSN) :

Step ID	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. 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 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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
081-833-0181	Apply a Long Spine Board	081 - Medical (Individual)	Approved
052-USR-1316	Construct Support Systems for a Non-Intersecting Straight Wall Trench	052 - Engineer (Individual)	Approved
081-833-0177	Apply a Cervical Collar	081 - Medical (Individual)	Approved
081-833-0124	Control Bleeding	081 - Medical (Individual)	Approved
052-249-1131	Perform Rescue Carries	052 - Engineer (Individual)	Approved
052-247-1228	Perform a Rescue of an Injured or Entrapped Victim from a Collapsed Structure	052 - Engineer (Individual)	Approved
081-833-0178	APPLY A KENDRICK EXTRICATION DEVICE	081 - Medical (Individual)	Approved
052-USR-1221	Perform Rescue of an Entrapped or Injured Victim from a Trench	052 - Engineer (Individual)	Approved
081-833-0176	TREAT A CASUALTY WITH A SUSPECTED SPINAL INJURY	081 - Medical (Individual)	Approved
081-833-0281	Triage Casualties	081 - Medical (Individual)	Approved
081-833-0096	Perform Extrication Using a Seated Device	081 - Medical (Individual)	Approved
081-833-0155	PERFORM A TRAUMA CASUALTY ASSESSMENT	081 - Medical (Individual)	Approved
081-830-0060	ADMINISTER BASIC LIFE SUPPORT TO A PATIENT	081 - Medical (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
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052-247-1319	Perform a Search for Victims in a Structural Collapse Incident	052 - Engineer (Individual)	Approved
052-USR-2102	Direct a Highline Rope Rescue Operation	052 - Engineer (Individual)	Approved
052-247-1312	Conduct a Rescue of a Victim from a High-Angle Man-Made Structure	052 - Engineer (Individual)	Approved
052-247-1301	Tie Knots, Bends, and Hitches for Rope Rescues	052 - Engineer (Individual)	Approved
052-USR-1221	Perform Rescue of an Entrapped or Injured Victim from a Trench	052 - Engineer (Individual)	Approved
052-247-1218	Perform Rescue of an Injured or Unconscious Victim from a Confined Space	052 - Engineer (Individual)	Approved
052-USR-1328	Perform a Rescue of an Injured or Entrapped Victim from a Light Vehicle Incident	052 - Engineer (Individual)	Approved
052-247-1208	Perform Litter Tender Duties for a Low Angle Rescue	052 - Engineer (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
05-CO-8002	Conduct Technical Rescue Operations	05 - Engineers (Collective)	Approved
05-PLT-8014	Perform a Structural Collapse Rescue Operation	05 - Engineers (Collective)	Approved
05-PLT-8011	Perform Rope Rescue Operations	05 - Engineers (Collective)	Approved
05-PLT-8012	Perform Trench Rescue Operations	05 - Engineers (Collective)	Approved
05-PLT-5413	Perform Machinery Rescue	05 - Engineers (Collective)	Approved
05-PLT-5408	Perform Vehicle Rescue	05 - Engineers (Collective)	Approved
05-PLT-8013	Perform Confined Space Rescue Operations	05 - Engineers (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
US&R Extractor Level II	Any	
US&R Rescuer Level II	Any	
US&R Rescuer Level I	Any	
US&R Extractor Level I	Any	