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# CASUALTY LOWERING SYSTEM

**Action:** Prepare a casualty for a near vertical descend

**Conditions:** In a field environment given all necessary equipment.

**Standard:** Prepare a casualty for near vertical descend IAW SLC POI





**Prep Time:** 5mins- Inventory equipment, single back stack rope, tie continuous loop in 7 mm cordage, rig in Rappeller's uniform, RMPI, Conduct Site Layout.

**Execute:** 10mins-must fully assemble casualty lowering system to include rigging of Sked.





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**Uniform:** Full Rappeller's uniform to include ACH, Gloves, Harness, Eye Pro, 1X 7mm Cord and 51KN Steel Locking Carabineer.

**Positions:** Safety, Mule, Casualty Assistant, Casualty

**Equipment Required:**

- 1- 7 mm Cordage (13')
- 1- Squad Rope (120' 11mm or 13mm)
- 2- 24 KN Aluminum Non-locking Carabineer
- 1- Litter (SKEDCO)
- 1- 30ft Static Rope



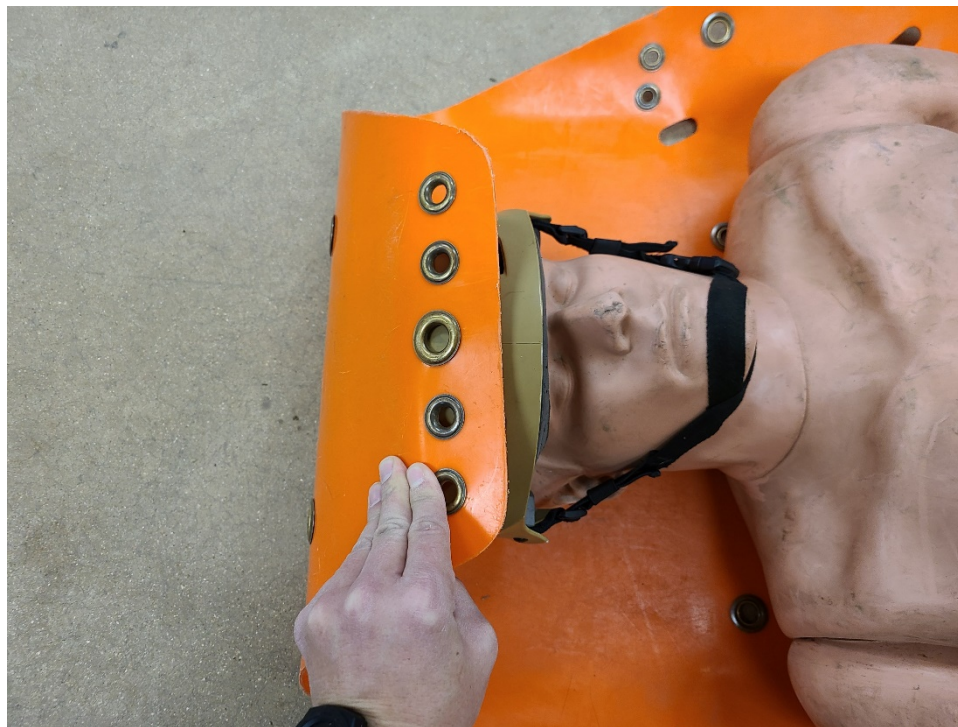


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# Step 1

Properly position the casualty centered on the Skedco ensuring that the top of the Skedco does not surpass the brim of the ACH/ NVG mount.







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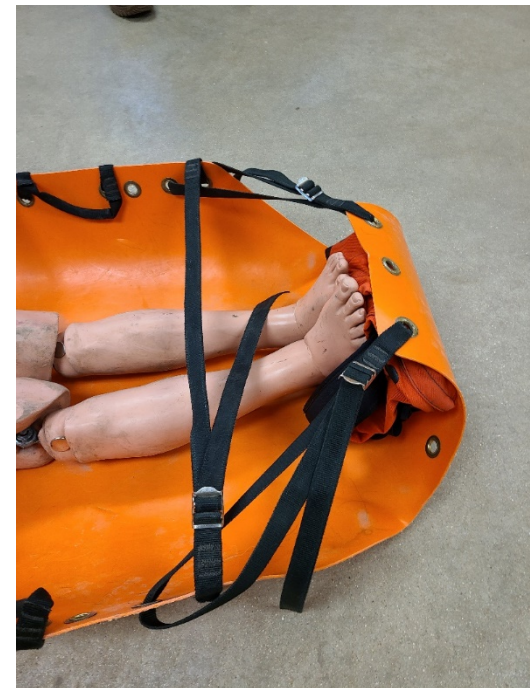
## Step 2

(Soft Taco)

Fasten all 4 cross straps to the buckles directly across from the straps. Ensure there are **no twist**.



Secure foot straps thru first unused size 5 grommet from inside to out pull back on itself to foot strap buckle and fasten ensure **no twist**. Place the Skedco bag at bottom of feet.





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## Step 3

Tie a double figure of 8 knot in the middle of your 30 foot static rope. Insert the running ends of your rope thru the size 5 grommet. Ensuring you pull out all the slack.





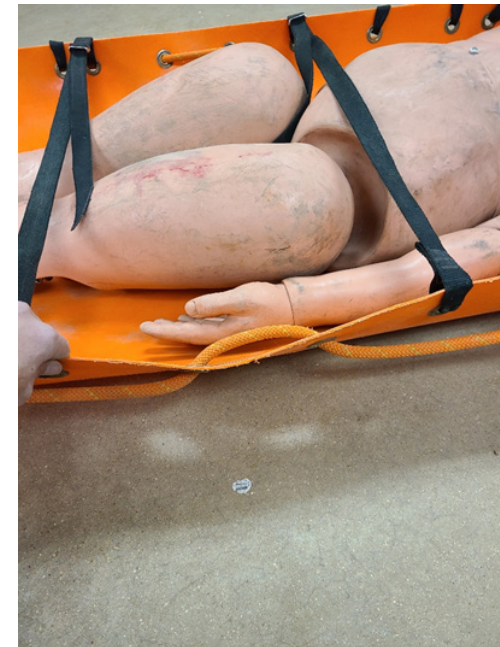


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## Step 4

Feed the running ends of your 30 foot static rope on the inside of the Skedco thru the next size 5 grommet from inside to out. With running ends on the outside of the sked feed thru the carrying handle from bottom to top and thru the next size 5 grommet from outside to in, from inside take the running end out of the next size 5 grommet.





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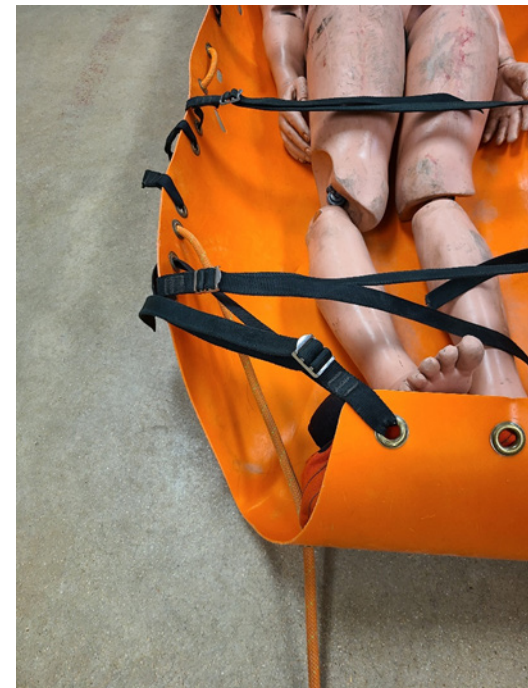
## Step 4

(CONT.)

Feed the running ends of your 30 foot static rope thru the carrying handle from bottom to top thru the next size 5 grommet.



With running ends on the inside of the skedco but on the outside of the foot run thru the last size 5 grommet.







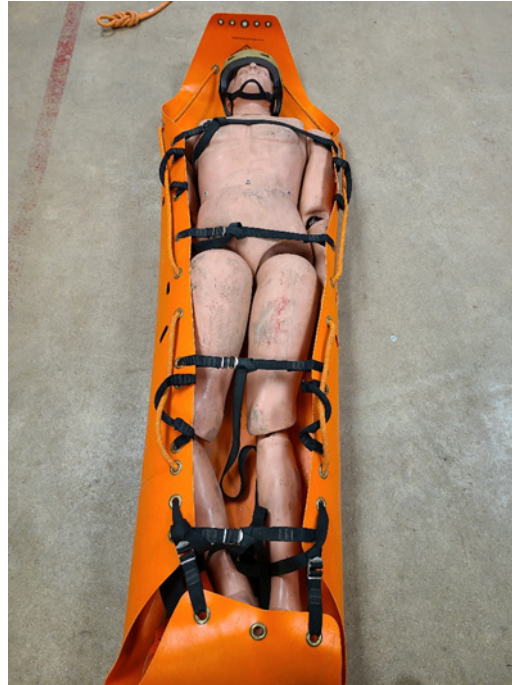
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# Step 5

(HARD TACO)

Tightly secure all straps ensure you create a half hitch with the running end of the strap moving in a downward direction of pull.





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## Step 6

At this time remove all the excess slack from your 30 foot static rope. Once all excess slack has been removed tie an unsafety square knot on the outside of the sked.



With the running ends feed thru the bottom carry handle from the outside in. secure with safety square knot tuck the excess rope in the skedco.





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# Step 1

Tie a bow line around the anchor.







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## Step 2

Tie a double figure of 8 no more than 12" from bow line. Attach 2 51KN Steel Locking Carabineers IAW Sapper School POI.





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## Step 3

Tie Muntar Mule thru the remaining 51KN Steel Locking Carabineer no more than 18 in. away



## Step 4

With running end off the top back stack tie a Muntar hitch thru 1 51KN Steel Locking Carabineer.





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## Step 5

With running end of the squad rope bring to the top of the sked and tie a unsafety Bow line and attach 2-24 KN Aluminum Non-locking Carabineer opposite and opposed.





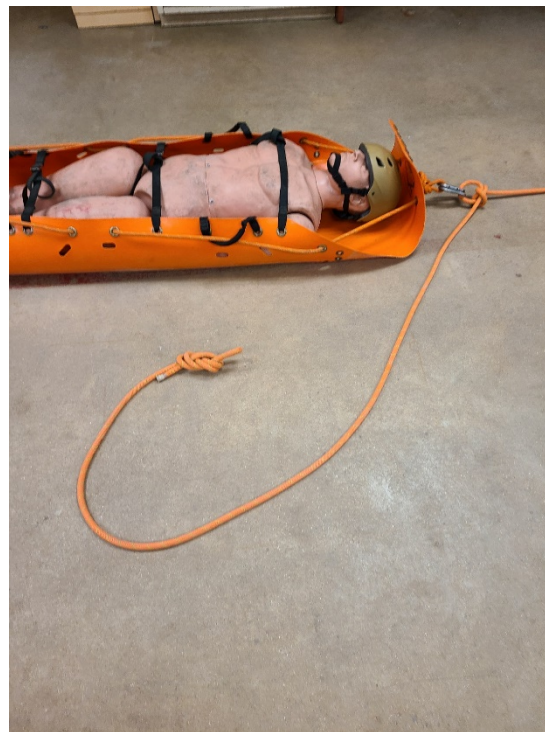


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## Step 6

Tie a double figure of 8 at the end of the rope and double arms distance from unsafety low line.





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