

ROPES AND KNOTS

RADIUM RELEASE HITCH

July 2009

RESCUE TRAINING

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Demonstrate Tying a Radium Release Hitch

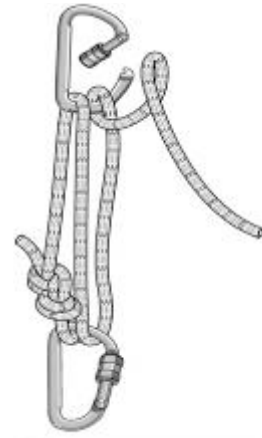
References:

Delmar Rope Levels I and II,
pages 83 & 86-87

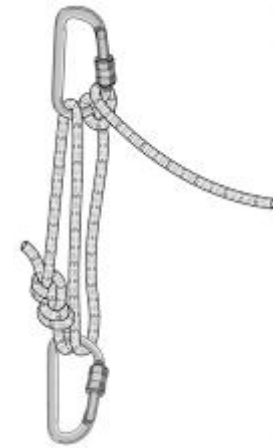
NFPA 1006, 2008 JPRs
5.5.1

Equipment Needed – 30ft of 8mm cord and two approved locking carabiners.

Step 1 – Tie a figure eight on a bight in one end of the cord and clip into one of the carabiners. This will be the load side of the hitch. Clip the standing part of the cord through the other carabiner (anchor side) and run it back through the load carabiner. As the cord goes back up to the anchor carabiner, a twist should be placed into the cord thus starting the creation of a munter hitch.



Step 2 – Finish the munter hitch on to the anchor carabiner making sure that it is in the release position. The cord should feed into the munter hitch on the gate side of the carabiner.



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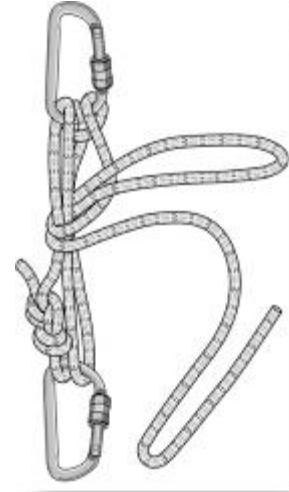
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Step 3 – To secure the hitch, form a bight around the hitch and tie a half hitch around the entire system (make sure that it is below the munter hitch).



Step 4 – To finish, tie an overhand knot to back up the half hitch noted in step 3. The overhand should be tied around the entire system. Assure that the tail of the overhand is minimal so that it does not get mistakenly pulled loose.

