

**RGE Rescue Segment** ( must be completed in 30min. or less )

**Maximum of Gear Available:**

- 6 - Locking Carabiners
- 4 - Slings, shoulder length
- 2 - Cordelette
- 4 - Carabiners, non-locking
- Anchors are preset and guide and client start two pitches up.

**I. Start, you have 30 minutes to get to the ground w/ your client safely.**

**A. Client is hanging from the climbing rope with all of his weight.**

**1. Go to “Baseline”** (hands free).

- a) Belay Escape.
  - (1) Munter / Mule.
  - (2) Back-up to anchor with figure-of-eight bight knot.
  - (3) Bachmann / Kleimheist onto rope to client.
    - (a) munter / mule to anchor with cordelette.
  - (4) Full belay escape usually would include munter / mule of client’s rope to master point. Here, since you know exactly what’s next, skip this step.
  - (5) Hands Free.

**2. Raise Client One Meter ( 3:1 ).**

- a) Add Prussik w/ carabiner on anchor side of Bachman / Kleimheist.
- b) Add pulley (or locking carabiner) at master point of anchor.
  - (1) Take rope from anchor side of Bachman / Kleimheist and place through pulley.
  - (2) Take same rope and continue to place it through the carabiner in the prussik.
- c) Once the prussik is slid towards the client as far as you can reach, pull the rope that passes through the carabiner on that prussik.
  - (1) Reset Bachman / Kleimheist often in order to keep the client from dropping back down.
  - (2) Reset the prussik as needed.

**3. Raise Client One Meter ( 5:1 ).**

- a) Make sure system is backed-up and Bachman / Kleimheist is holding the load (client).
- b) Reset the prussik as needed.
- c) Place a second prussik onto the rope that passes through the carabiner on the original prussik.
- d) Place a carabiner onto the second prussik.
- e) Take the rope from your tie-in at the anchor opposite of yourself and place it through the carabiner on the prussik.
- f) Once both prussiks are slid towards the client as far as you can reach, pull the rope that passes through the carabiner on the second prussik.
- g) Reset the prussiks as needed.

**4. Lower the Client Three Meters.**

- a) Go to “Baseline” (hands free).
- b) Make sure system is backed-up and Bachman / Kleimheist is holding the load (client).
- c) Munter / mule the client’s rope into the master point (the old pulley point) w/ a locking carabiner.
- d) Make sure that the system is backed-up (figure-of-eight bight on anchor).
- e) Carefully remove the Bachman / Kleimheist - Munter / Mule from

the system.

- f) Place a new back-up on your side of the rope that exits the munter / mule at the master point.
  - (1) Use an autoblock off of your harness leg loop, secured w/ a locking carabiner.
- g) Remove the original figure-of-eight bight knot back-up from the anchor.
- h) Carefully release the munter / mule on the client's rope that is on the master point and lower client three meters.

#### **5. Counterbalance Rappel with client and descend to next anchor.**

- a) Secure the client's rope to the master point w/ a munter / mule.
- b) Make sure system is backed-up and Bachman / Kleimheist is holding the load (client).
- c) Place a figure-eight bight knot as back-up on your side of the rope that exits the munter / mule at the master point.
- d) Carefully release the munter / mule at the master point.
- e) Set yourself up for rappel on the rope that's on your side of the munter / mule at the master point. Leave no slack above the rappel device.
- f) Make sure that the system is backed-up (figure-of-eight bight on anchor).
- g) Carefully remove the Bachman / Kleimheist - Munter / Mule from the anchor, leave it on the client's rope.
- h) Making sure that the friction knot will always be within your reach, secure the end of the cordelette to your harness.
- i) Remove the back-up figure-of-eight from the anchor.
- j) Back-up the rappel w/ an autoblock off your harness leg loop.
- k) Rappel down, sliding the Bachman / Kleimheist with you until it is stopped by the client's tie-in.
- l) Continue down to the next anchor.
- m) Secure the client to the anchor first w/ the rope from their tie-in, then w/ a cordelette tied in an inverted "Y" w/ locking carabiners.
- n) Secure yourself w/ a daisy.

#### **6. Tandem Rappel w/ Client to Ground.**

- a) Retrieve the rope and thread it through the master point carabiners.
- b) Secure the rope temporarily by using a figure-of-eight bight knot to the anchor.
- c) Have the client untie from the end of the rope and anchor, taking out all of the knots. First make sure everyone is still anchored in.
- d) Even the rope ends as appropriate and toss them down.
- e) Set up for rappel on the double rope, clipping the rappel device to the top of the cordelette "Y" w/ a locking carabiner.
- f) Clip yourself to the remaining unused arm of the cordelette "Y."
- g) Back-up the rappel w/ an autoblock off your harness leg loop.
- h) Remove the back-up figure-of-eight from the anchor.
- i) Unclip both you and the client from the anchor, rappel to ground.