DUTLINE OF BASIC VERTICAL ROPEWORK

3 Recovery

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II Knots- see handout
III Rope Handling
    A Uncailing & Stacking
    8 Inspection & Testing
    C Ringing
    D Deployment
    E Coiling
    F Carrying
 IV Equipment
    A Ropes & Webbing
       1 Naterials- Nylon, Polypro, Manila
       2 Construction-Laid, Breided, Kernmantle, Flat Tubular
          a Problems- Hou, dirt, stress, loads...
          b Inspection
          c Cleaning
          d Processino
          e Marking
          f Retireino
    8 Carabiners
       1 Materials- Aluminum, Steel
       2 Construction- Oval, D, Locking
       3 Use & Care
          a Problems
          b Inspection
          c Cleaning
          d Markino
          e Retiring
      Brakebars
     D Clothing- Helmets...
  V Safety
     A Everybody!
       Hazards- People first ...
     C Inspection
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 VI Sionals- see handout
VII Belaying
     A Climbers or Rappels From Above
        1 Setup
       2 Handling
        3 Static & Dynamic
        4 Recovery
     8 Rappels From Below
       1 Setup
       2 Handling
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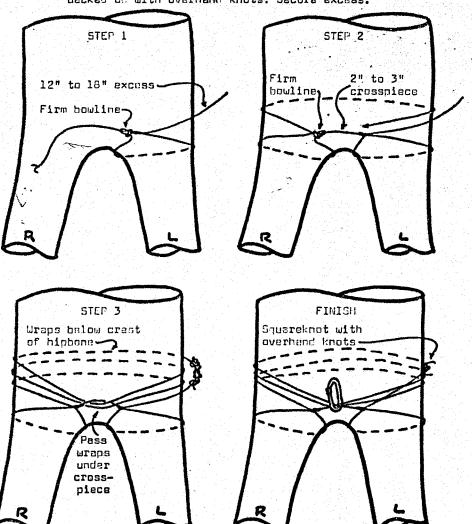
OUTLINE OF BASIC VERTICAL ROPEWORK, Cont.

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VII
     Seat Harness
     A Why
     8 Considerations
       Materials
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 IX Prussiking
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  X Rappelling
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        General
        Back Rappel
        Body Rappel
        Double-Brake-Bar Rappel
        1 Setup
        2 Sterting
           Movement
        4 Tieing off
        5 Hazards
 XI Examination
XII Critique
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Semi-permanent seat harness using 1" wide tubular webbing:

- 1 Tie o fire howline high on the left thigh with on excess of 12" to 13" on the short end.
 - 2. Tie a second bowline high on the right thinh with a 2" to 3" crosspiece separating the leg leeps. Hend over and rotate the loops to move the crosspace high in front.

3 Wree the remaining webbing around the hipbone, just below the creats, passing the end under the crossiece each time. Tie the ends on the left hip with a squareknot backed up with overhand knots. Secure excess.



I USAGE: Anytime while in a vertical or ronework environment. All signals have a response, several of which are the reverse order. Relayed signals are repeated exactly as heard. Fultiple romes are numbered from left to right, facing the mitch, and the number is added to the signal.

II GENERAL SIGNALS: Ginnal

	Sidual Response	<u>Feaning</u>
	A Rock!	Universal warning of falling objects!
	8 Freezel	Don't move! - No time to explain.
. # 1 m	C Clear!	Situation no longer dangerous.
. 🧆	O Rope!	Warning of rope toss- use twice.
ૼૢૼ૽	E Down!	At the bottom of pitch or rops.
	F Up!	At the top of pitch or rope.
	u tocieda)i	Orobably falls
III	CLIMBING SEQUENCE	Probably falling- catch with belay.
	District Chique HDC	회사 이번에 이번 바로 사고 등에서 교육하다면 된 생각으로 보고 가능하는데?

Climber Belayer Meaning

	nu peray.	Is m	y belay rea	adv?	
	Bela	v Onl. Your	helay to t	200014 00	ahond
В	Climbing: Clim	b AwaylI am	starting t	n niin	difean.
Г.	Slack! et		mogratich (O CITIMO.	

Give me more rope or less tension. Slacki Up Rope! Rope Upl Give me less rope or more tension. Holdi HoldI Stop movement of me and/or rope.

Tension! Pull to give me support. Tension! G Fellinni Fallingi I'm slipping and/or falling.

H Lower! Lowert Lower me on the belev.

I Off Selay!

I assume my own responsibility—Thanks! Belay Off! You're on your own- You're welcome! J Off Rope! Rope Off! The rope is available.

IV RAPPELLING SEQUENCE Repoeller Belayer

Meening On Belay? Belay On! Is belay ready?/Yes, go shead. B On Rappel! Rappel On! I am starting to rappel.

C through J are the same as in climbing.

V PRUSIKING SEQUENCE

Prusiker Others Meaning On Rope! Roce On! I am attached to the rope. On Prusik! Prusik On! I am starting to prusik. Lowerl Loweri

Lower me on the rope. O Off Rope! Rope Off! The rope is available.