



## **CONTERRA Rope Rescue Calibration Seminars 2019**



**Calibration seminars in Level One, Level Two and Level Three Technical Rope Rescue  
(Taught by Master Instructor, Rick Lipke)**

*Conterra Inc. is offering calibration seminars in Technical Rope Rescue, open to professional rescuers who want to improve their understanding and capabilities in this rapidly evolving field.*

*If your team has the potential of performing mutual aid rope rescue in North America, and/or gain experience with the new DCTTRS systems, then these seminars are for you! These seminars reflect the most current research and practices from Emergency Management British Columbia, as well as the third edition “Technical Rescue Riggers Guide” by Rick Lipke, with contributions by Kirk Mauthner.*

*These Seminars will be taught by internationally recognized author, researcher and rescue practitioner, Mr. Rick Lipke. Don't miss this rare opportunity to learn from the man who literally “wrote the book” on modern rope rescue.*

These seminars are being offered to help responding agencies become familiar with the newest rescue practices used by neighboring agencies, and help create common skill sets for multi agency response. These are “instructor level” seminars, but are open to anyone with interest in honing their skills. New students will receive an excellent skill base for rope work, while seasoned instructors will tune up their skills and update information to keep their teams current with what top teams are doing from around the world. *Unlike other rote based courses that simply show techniques, Mr. Lipke and his instructors teach the concepts behind the skills. This allows students and instructors to learn the “whys” of rope rescue, making them safer more effective practitioners.*

The seminars are designed to improve the student's understanding and capabilities of performing an organized rope rescue response in the back country, as well as in the urban/industrial setting. The techniques discussed and practiced represent the most up to date and advanced techniques used today. The seminars focus on light equipment, quick response, and a high degree of safety and flexibility.

Open courses are taught once a year in Anacortes WA. You may also have a course brought to your location anywhere in the world. Please contact us for a quote.

The basic (Level One) course is designed to dovetail in with our level Two and Level Three courses to give the most advanced level of rope rescue training available today. Students who successfully complete the Level One course will be certified as Conterra Level One Rigging Technicians, as well as certification at **NFPA Operations Level\*** for rope rescue. Successful completion of level Two course will carry a Conterra Level Two Rigging Technician Certification as well as an **NFPA Technician level\*** certification. Successful completion of level Three course will carry the **Conterra Rigger Certification**.

#### **Agencies that have utilized this training include:**

- Mountain Rescue Association
- British Petroleum
- Federal Bureau of Investigation (NATIONAL HOSTAGE RESCUE TEAM)
- United States Air Force Para-Rescue Team
- New York State department of Ecological Conservancy
- Adirondak Rock and River Guide Service
- Kentucky State Fire Academy
- National Park Service
- National Ski Patrol
- Sierra SWAT Challenge
- Alameda County Sheriffs
- Tosco Refining & Marketing
- Bolivian Federal Civil Defense Team ( Bombederos)
- Wilderness Medical Associates
- Alcoa Aluminum
- Hand on Training ( San Francisco Academy)
- Aero-Methow Rescue
- Rainier Mountain Guides Inc.
- Army Corps of Engineers
- Seattle City Light
- Department of Transportation
- Urban Shield
- Mountain Guide Service, Taiwan



## Level One Seminar- June 10-13 2019

**Prerequisites-** None **Time-** Four days (40 hours)

### Skill Topics Include:

- Personal rigging skills
- Purcell Safety system
- Basic knots and anchors
- System “package” approach
- DCTTRS Rope Systems
- Mass transference
- Pulley systems
- moderate, Steep and high angle lowering
- Patient Packaging
- Guiding lines
- Moderate, Steep and high angle raising
- Rappelling

### Lecture Topics Include:

- Rescue overview/concepts
- Rescue Equipment
- Mechanical advantage systems.
- Critical Thinking in Rope Rescue
- Rescue Research & History
- Guiding Line Theory

**Course Layout-** The Seminar is designed with the early mornings devoted to classroom lecture, with support by slides, overheads, and videos. Late morning is devoted primarily to hands on skill station practice of the techniques and issues presented during the lecture. Afternoons are spent in the field, performing the skills in a real (but controlled) setting. There is a homework assignment in the work book for each day to help reinforce the days topics. Extreme care is taken to ensure a high degree of safety during all portions of the programs. Students receive a “work book” copy of all lecture materials, as well as a copy of “Technical Rescue Riggers Guide”, (students will also receive 10M of 6mm cord for Purcell Prusiks).

## Level Two Seminar- June 17-20 2019

**Prerequisites-** Conterra Level One Seminar. Acceptable alternatives: Base Camp Rescue Canada, Rigging For Rescue Colorado, Ropes That Rescue, Arizona. **Time-** Four days

### Skill Topics Include:

- Advanced Guiding lines
- Floating focal pt Anchors
- Panorama Pickoff
- B.C. Pickoff
- Artificial High Directionals
- Long term packaging
- Picket work
- Pike and Pivot Technique
- DCTTRS Techniques
- Highlines
- Tilt Lift Rigging

### Lecture Topics Include:

- Intermediate Anchors
- Pick Off Theory
- Physics 1
- Edge Management
- Physics 2
- Highline Theory

**Course Layout-** Same as above, except student are expected to bring their own set of Percell Prusiks. If students need to rebuild their Prusiks, they should call ahead so that we can provide the correct cordage.

## Level Three Seminar- June 24-27 2019

**Prerequisites-** Conterra Level Two Seminar. **Time-** Four days (40 hours)

### Skill Topics Include:

- Lateral Guiding lines
- Improvised Techniques
- Reeve Lines
- Extreme Highlines
- Mid Face Transitions
- Deflected Pull Away’s

### Lecture Topics Include:

- Advanced Anchoring
- Improvised & Alpine Rescue
- Rescue Physics 3
- Medical Aspects of rope rescue
- Reeve theory
- Extreme Highline Theory
- Physics 4

**Course Layout-** Same as above, However, the advanced nature of the techniques may require more time in the field. Additionally, The students needs may cause technique focus to shift (i.e. industrial workers will not need to focus on alpine work etc).

## Prices and Registration

( Food, transportation and Lodging are the responsibility of the student)

### Level One Seminar

- \$700.00

### Level Two Seminar

- \$700.00

### Level Three Seminar

- \$700.00

### You may sign up two ways:

**WEB-** Go to [www.conterra-inc.com](http://www.conterra-inc.com) click on “Calibration Seminar” located at the bottom of the left hand menu. Add the seminar(s) to your cart and check out.

**Phone-** You can call Conterra during business hours and sign up over the phone at 360.734.2311

**These courses typically fill up quickly, so if you are interested in attending, please don’t delay. Call or click in your application ASAP.**

### NOTE REGARDING NFPA-

#### Attention Firefighters;

Although these courses easily exceed NFPA 1006 (2017 ed) guidelines, some skills and techniques suggested in NFPA 1006 may be modified or omitted from these courses because Conterra deems them to be either obsolete, educationally unsound, or superseded by safer and better understood techniques.

Conterra reserves this right in order to ensure the highest quality, most up to date courses possible.



# LEAD INSTRUCTOR



**Rick Lipke**

Rick Lipke is an internationally known expert on rope rescue. He has been involved in emergency pre-hospital care and technical rescue for over 40 years. He has taught courses in wilderness/urban emergency care and high angle rescue programs throughout the world. He is a technical advisor and field team leader for Washington Mountain Rescue. He trains alpine ski patrols in the North Cascades. Rick holds several patents on unique rescue equipment that he has invented, including the SCARAB® rescue tool. His Technical Rescue Riggers Guide is used by teams all over the world and is considered the seminal work of it's kind. An active climber and mt. biker, he lives in Bellingham, WA

# ASSOCIATE INSTRUCTORS



**Chuck Foster**

Chuck is a senior instructor for Conterra, teaching both industrial and general rescue courses. He works as a field team leader for Bellingham Mountain rescue, performing several rescues a month in front country, wilderness, and alpine settings. Chuck is a highly experienced back country skier, Tri-athlete and climber. he lives in Bellingham, WA



**Rune Pedersen**

Rune has been teaching with Conterra for over twenty years. He spent many years as a Ski patroller as well as an active field team leader for Skagit Mountain Rescue Unit. He regularly trains in Urban, industrial, and wilderness/alpine settings. Rune has acted as a technical rope consultant for the Urban Shield Program. He lives in Stanwood WA.



**Peter Ellis**

Peter is an extremely experienced rescuer. Until recently he was a senior Climbing ranger for Mount Rainier National Park, where he performed many dozens of rope and Helo based rescue a season. He is currently a firefighter / paramedic for a local department, and heads up their technical rescue program. He has climbed Mt Rainier over 50 times! He lives in Bellingham WA.



**Ottis Buzzard**

Ottis started his public safety career as a Firefighter/captain. in Twisp WA. He moved on to being a Sherriff's deputy, He currently is a K-9 specialist with Alaska State Troopers. Ottis developed and ran one of the most active technical rescue groups in the Western United States. He lives in Wasilla AK.