2019 Canadian Program INFO Sheet

Team Skills Rescue Workshop (TSRW)
June 23—29, 2019
An instructor-level workshop held in Canadian Rockies near Jasper, Alberta CA
Host: TurnAround Rescue Ltd.
Use the information provided here to help you plan your seven full days of rigging in the vertical realm

TurnAround Rescue Ltd. of Edmonton, Alberta is proud to bring Reed Thorne from US Arizona-based Ropes That Rescue Ltd. to Jasper National Park in Alberta, Canada for 2 week long rope rigging/rescue workshops. This is within Parks Canada boundaries. Lots of great venues and slot canyons! The contact and liaison for these programs is Tim Casavant of TurnAround Rescue Ltd. Cell: (780) 405-2214 Email:
Program Cost & Registration:
$1,850 CAD Canadian dollars per workshop (GST Tax Included) $1,350 US dollars.
NOTE: Canadians register with TurnAround Rescue with CAD. All others, register through RTR with US dollars. Go to RTR Application fill out and return to TAR or RTR with minimum of 50% deposit. Read Contract Terms on Application.

Flights into Alberta, Canada:
Either Edmonton or Calgary work well within Alberta..... flying to Calgary is a longer drive to Jasper but allows you to drive the Icefield Parkway (Ranked #1 most beautiful drives in world!!)

Car Rental:
http://www.rentalcar.com/us/airport/ca/yeg/

Accommodation:
Special Note!! Don’t delay in making your reservations. Sites fill up very early.
https://www.airbnb.ca/s/Jasper--Canada
https://www.bbcanada.com/alberta/alberta_rockies/jasper
http://www.jasper.travel/where-to-stay/
http://www.hihostels.ca/westerncanada/1478/HI-Jasper.hostel
http://jasperdowntownhostel.ca/

Camping:
There are many primitive tent and travel trailer camp sites along the Icefield Parkway and also in and around Jasper. Book early! These will fill up! Booking starts January 10, 2019

Jasper Attractions:
http://www.jasper.travel/things-to-do/
About the Team Skills Rescue Workshop (TSRW) Program:
The TSRW is a demanding 7-day long program and is ideal for industrial, tower, and wilderness rescue teams, riggers, or rope access technicians while focusing on the ART of Clean Rigging based on sound principles and understanding. This program will fulfill the "90% solution" on most rope rescues. Lectures on intermediate physics and how it relates to rope rigging are common throughout the 7-day course. Emphasis is placed on "why" we do something, rather than just "how". Students, as a team unit, learn how to build seemingly complex arrangements for reaching, treating, and extricating a patient from the vertical high-angle environment whether in industrial locations or in the wilderness. Also ideal for those who work on rope and are charged with moving materials or personnel. All the while, emphasis is placed on building everything from the basic materials most teams will have: rope, carabiners, pulleys, accessory cord, webbing, and know-how. The more you know, the lighter your pack should get. The TSRW includes an extensive lecture and practical section on alternatives to highlines in the form of "offsets". In the past 15 years, RTR was instrumental for championing high-angle offsets as an alternative to training-intensive highlines. Offsets employ standard high-angle techniques that most rescuers already know and so are more forgiving in the training curve than more elaborate systems.

Please Note:
The TSRW is by no means a rope rescue course for beginners. It is a serious venture and complete immersion into advanced systems that can sometimes be overwhelming for some less experienced practitioners. If you are a rope rescue or rigging instructor or desire more depth of understanding, this program is one you should not miss.

TSRW Key Points:
- Over 200-page manual with reproduction of part of the lectures and slide shows (available in color for extra charge)
- Technical evacuations using litter: High angle and steep angle
- Strong emphasis on team-oriented skills
- Knot craft and mastery of rigging - learning to lash and secure things
- Intermediate pulley systems (simple through complex)
- Physics of rope rescue
- Two tensioned rope systems analysis (Steep angle evac)
- Frames: Arizona Vortex® (as options)
  - Gin pole monopods - Rigging pods
  - A-frames
  - Sideways A-frames - Lazy leg SA frames
  - Easel A-frames
- Arizona “Doortex” - Jamb poles
- Directionals and anchor angle force calculations
- Batwing compound pulley systems - AZ progression of 7
- Complete AZTEK kit orientation for team operations:
  - Personal travel restrict and fall protection
  - Single and double part hasty rappels
  - Belay and self belays
  - Dynamic fixed brakes, directionals, butt blocks, etc.
  - Dynamic directionals
  - Personal travel restrict and fall protection
  - Mid face attendant-based and team-based litter scoops
  - Team-based pick offs
  - Belay, self belays, conditional belays and conditional self belays
  - Sound anchoring principles: intermediate through advanced systems anchors, beach head anchors, etc.,
  - Focused and focused-floating anchors using opposition anchors
  - Low edge mitigation - no high directional
  - Hot and cold changeovers using the CMC MPD®
  - Non-highline solutions to rescue scenarios
  - Offsets for the high-angle evacuation:
    - Deflected offsets
    - Tracking line offsets (with belay and self belay elements)
    - Skate block offsets (with belay and self belay elements)
    - Two rope offsets
  - Lecture on safety factor and safety margin and “bracketing” rope strength
  - Much, much more...
Additionally, the program is taught in an environment conducive to this kind of discipline. This is NOT a rescue course only: While the techniques can be applied to rescue work and often are, these methods may be used in any rope access endeavor. The real difference is that when human loads are applied, secondary safety lines must be employed at all times throughout the process of movement.

**Special Note: PLEASE READ THIS**

This program is student-driven in what is covered. In seven short days (even though we are doing 10 to 12 hour days) we cannot cover it all. Students are encouraged to come forth with ideas given our available venues early in the class to help delineate the direction the program takes. See our RTR web site and RTR Facebook Page to see the rigging from last year’s Canadian TSRW.

This RTR program is by no means a rope rescue course for beginners. It is a serious venture and complete immersion into advanced systems that can sometimes be overwhelming for some less experienced practitioners. If you are a rope rescue or rigging instructor or desire more depth of understanding, this program is one you should not miss.

**Required Equipment:**

In order to participate fully, you will need to have the required personal gear found on this list. [http://www.ropesthatrescue.com/images/RTRgeneralequip.pdf](http://www.ropesthatrescue.com/images/RTRgeneralequip.pdf)

**KNOTCRAFT to know for this Ropes That Rescue program** (to get you started)

Here is a list to get you started:
- Figure of eight on a bight
- Butterfly knot
- Double overhand stopper
- Double overhand noose
- Inside bowline with retrace
- Bowline with a bight
- Doubled long tail bowline
- Bowline on a bight
- Water knot in webbing
- Water bend in webbing
- Munter hitch
- Clove hitch
- Becket Bend
- Double becket bend

It is advised that you be familiar with some of the knots, bends and hitches we will be using in this workshop. It is always best to have some under your belt before arriving. Much of the workshop you are attending depends in large part on the roped and webbing connections YOU form! Don't worry so much at this time about the somewhat exotic knots like the retraced double bowline but concentrate on the easier figure of eights and simple bowlines. We will be going over many many different knots which are somewhat useful for rigging. Be prepared to tie some new ones!