

Efficient Rescue Operations: Building Your Rescue Playbook

Welcome to the "Efficient Rescue Operations" class at the NYS 2025 Technical Rescue Conference.

In the critical realm of emergency rescue operations, the ability to act swiftly and effectively can save lives. This course is designed to equip participants with the tools and knowledge necessary to create and implement a "Rescue Playbook"—a dynamic resource that enhances the efficiency of rescue efforts across varied environments, including rope and confined space rescue scenarios.

Participants will explore key topics such as personal and positional kits, patient packaging strategies, and the importance of clear communication and commands during rescues.

The course will cover:

- Personal Kits and Positional Kits: Discussing the integration of standard kits with position-specific additions to streamline the gear selection process.
- Patient Packaging: Identifying the most efficient packaging devices for diverse team capabilities, ensuring readiness without overwhelming resources.
- The Rescue Playbook Concept: Similar to a football coach's playbook, this section
 will include rigging diagrams and photos of proven systems, accompanied by insights
 into their advantages, disadvantages, and equipment requirements. This
 quick-reference guide will help teams execute rescues with confidence and clarity.
- Personal Skills and Techniques: Focusing on the foundational skills necessary for effective rope and confined space rescue operations, including terminology and communication protocols.

Throughout the course, participants will be exposed to efficient rescue systems that can be built rapidly using predetermined rigging and roles. The goal is to cultivate a mindset where efficiency is prioritized, emphasizing that a "70% plan now is better than a 100% plan an hour from now."

By the end of the course, attendees will have the opportunity to modify the rescue playbook content to align with their agency's specific needs, fostering a culture of preparedness and adaptability in rescue operations.



Resources Included

Equipment, Positions, SME, and Commands

Rescue Playbook

Student Workbooks: Detailed guides to accompany your learning experience. **CTR ROE**: Detailed "Rules of Engagement" for rope and confined space rescue **QR Codes**: Access our Confined Space Rescue Student Manuals and Rope Rescue

Operations and Technician Student Manuals.

Photo and Video Gallery: Links to our SmugMug gallery for viewing shared class media

and uploading your own photos and videos.

Contact Information: Stay connected with instructors through provided contact links.

Motivation and Credit

We extend our gratitude to Ronin Rescue, AERT, Giro Rescue Systems, Rope Geeks, RopeLab, Sterling Rope, Petzl, SPRAT and ITRA for their influence on our training philosophy. Their commitment to developing both personal and technical skills in rescue operations has been instrumental in shaping this program.

Prepare to challenge yourself, collaborate with your peers, and expand your rescue capabilities. We look forward to a dynamic and transformative training experience with you.

If you have any questions or need further information, please don't hesitate to reach out. Let's get started!



Individual Response Kit (IRK)

- Class 3 Harness (AHJ preference)
 - Installed on Harness
 - Chest Ascender (AHJ preference)
 - Petzl Interfast
 - o CMC Clutch by Harken 11mm
 - Petzl ASAP Lock with ASAP'SORBER AXESS
 - o Petzl Progress Adjust-Y Lanyard
 - o CT Ascender Simple+
 - KONG Argon K Carabiner
 - o Bluewater Titan Footloop
 - o Petzl Grillon Plus 3m
- CTR Petzl Toolbag 3
 - Sterling 12mm Dyneema Sling
 - **24**" (2)
 - **48**" (2)
 - Petzl OK Triact Lock Carabiner (6)
 - o Petzl RollClip A Non-Locking
 - o CT Roll N Lock
 - Petzl Spin S1 Swivel Pulley
 - o Sterling 8mm Sewn Prusik
 - **16**"
 - **22**"
 - o Bluewater 7mm VT Prusik
 - Petzl PAW S Plate

Quick Intervention Kit (QUIK)

- 100" 11mm rope
- <u>Texora Black Mamba Sling 1.5m</u> (2)
- Auto-locking Carabiner (2)

First Aid Kit (FAK)

- Leatherman Raptor Multi-Tool
- Tourniquet (<u>SOF-T</u> or <u>CAT</u> or <u>SnakeStaff Systems</u>)
- Chest Seal
- Emergency Trauma Dressing
- Rolled gauze



Patient Comfort Kit (PACK)

- Safety Glasses/Case
- Small Pillow
- Thermorest Folding Pad
- Waterproof Thermal Tarp
- Woobie
- Balaclava

System Bag

- 200' 11mm Rope
- Anchor Plate
- Auto-locking Carabiner (13)
- Kong DNA Carabiner (2)
- Petzl Maestro S
- Single Swivel Pulley
- Double Swivel Pulley
- Petzl Rescuscender
- Edge Protection Mat
- Petzl Roller Coaster
- Assorted Anchor Straps (no hardware)



Position	Role/Responsibility	Equipment
Lead	 Command and control (may not be the overall Incident Commander) Safety (unless a dedicated Safety Officer is assigned) Establish communications Liaison for other Teams/Divisions 	 Command board Portable radios May require harness/fall restraint depending on geography
Rescuer 1	 Deploy Quick Intervention Kit (QUIK) to access patient(s) Patient triage and stabilization Identify and communicate additional needs Begin patient packaging 	 Harness kit First Aid Kit (FAK) Victim harness Quick Intervention Kit (QUIK) Additional hazard-specific kits as needed
Rescuer 2	 Ready appropriate patient packaging device Ready appropriate medical equipment based on Rescuer 1 report Raised/lowered on system to assist Rescuer 1 with patient packaging if necessary Attend patient during movement if necessary 	 Harness kit Patient packaging device as needed Patient comfort kit (PACK) Additional medical equipment as needed
Rigging	 Select/build anchor(s) Deploy system bags Connect ropes to Rescuer 2 and/or patient packaging device Build mechanical advantage for raise Manage lower/raise operations 	 System bags Additional anchorage as needed May require harness/fall restraint depending on geography
Edge	 Identify type of edge transition and associated equipment needs Assist Rescuer 1/2 with edge transitions IC may delegate commands to the Edge position when necessary Assist with lower/raise operation 	Harness/fall restraintEdge protectionAHD if necessary

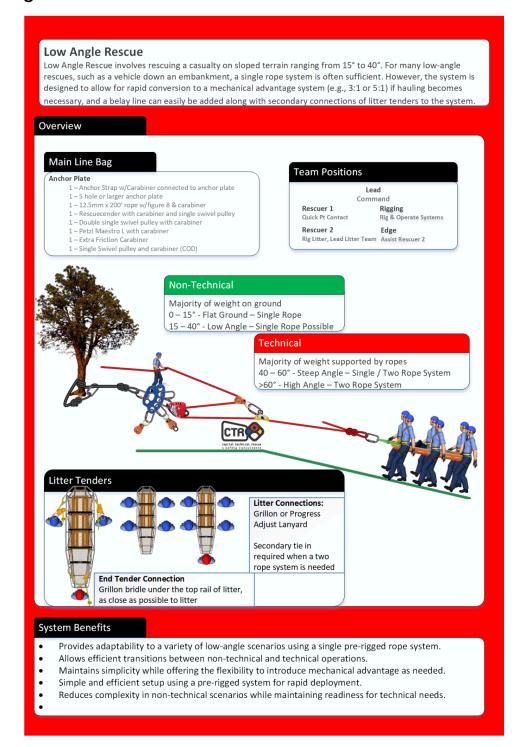
Briefing Format (SME)				
	Patient			
SITUATION	Environment			
	Hazards			
MISSION	End State			
MISSION	Phases			
EXECUTION	Assignments			



Commands				
STOP	1 Whistle Blast			
RAISE	2 Whistle Blasts			
LOWER	3 Whistle Blasts			
TENSION	Tension by Hand			
SLACK	Make Soft / Slack the Line			
REPEAT COMMAND BACK				
(ensures it was heard correctly)				

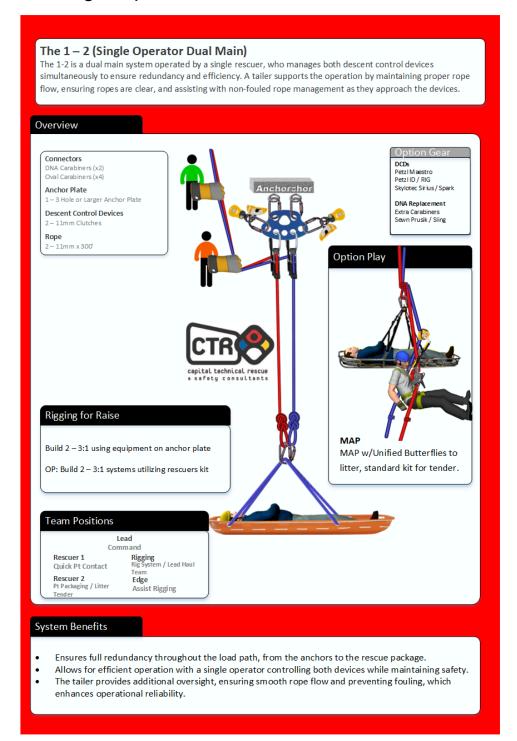


Low Angle Rescue



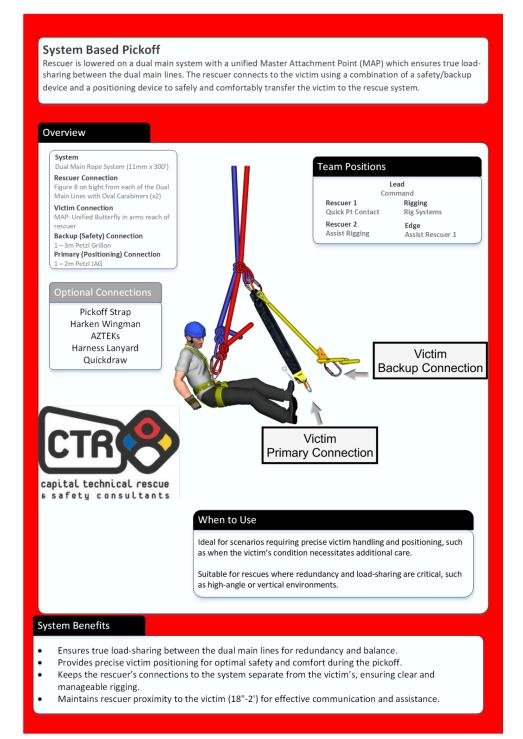


The 1 - 2 - Single Operator Dual Main



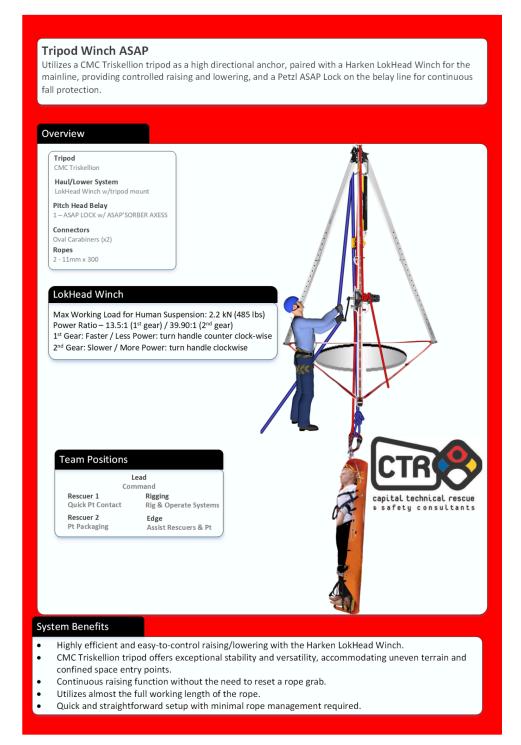


System Based Pickoffs



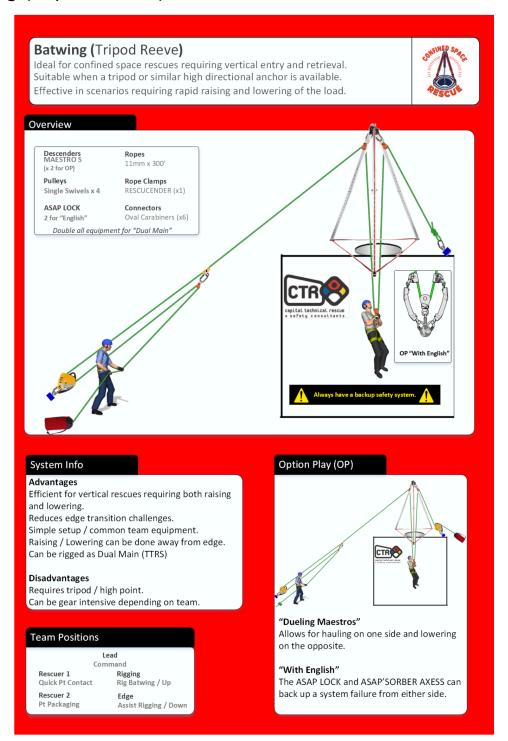


Tripod Winch ASAP





Batwing (Tripod Reeve)





CTR Student Manuals

Confined Space Rescue Technician	NFPA CSR Technician ITRA Levels 1 - 3
Rope Rescue Operations	NFPA Rope Rescue Operations ITRA Levels 1 & 2
Rope Rescue Technician	NFPA Rope Rescue Technician ITRA Level 3 Technician

CTR Rules of Engagement

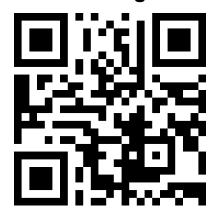


https://tinyurl.com/CTR-RulesOE



Photo Gallery

Viewing:



https://tinyurl.com/trc25eroview

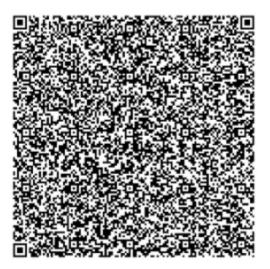
Share Your Photos:



https://tinyurl.com/nystrc25eroup



Contact Information



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