

## High Angle Rescue Techniques 3rd Edition

\* A step-by-step guide for rope rescue \* Chapter illustrations cover knots, ascent, rigging systems, and anchor points \* Identifies critical techniques required for rope rescue This book helps to establish effective and safe technical rope rescue operations. Brennan begins by aiding you in identifying the risks in the area that you are operating in and assessing your organizational strengths and needs, then follows with a discussion of the various rope rescue components. Includes illustrations of the knots and systems mentioned.

Technical yet accessible, *The Avalanche Handbook, 3rd Edition*, covers the formation, character, effects, and control of avalanches; rescue techniques; and research on understanding and surviving avalanches. Illustrated with nearly 200 updated illustrations, photos and examples, the revised edition offers exhaustive information on contributing weather and climate factors, snowpack analysis, the newest transceiver search techniques, and preventative and protective measures, including avalanche zoning and control. It contains new information on the unique characteristics of alpine snow, snow slab instability, terrain variables, skier triggering of avalanches, and the nature of

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avalanche motion. Plus brand-new chapters on the elements of backcountry avalanche forecasting and the decision-making process.

Water Rescue: Principles and Practice to NFPA 1006 and 1670: Surface, Swiftwater, Dive, Ice, Surf, and Flood, Second Edition Includes Navigate 2 Advantage is a complete resource for water rescue personnel and their organizations. All six sub-disciplines are broken down into Awareness, Operations and Technician level chapters to better help you and your organization train to the levels your organization is ready to deliver in your response area. Based on the 2017 Editions of NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications and NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents, this single textbook is the most current and comprehensive water rescue textbook available.

Quickly and decisively manage any medical emergency you encounter in the great outdoors with Wilderness Medicine! World-renowned authority and author, Dr. Paul Auerbach, and a team of experts offer proven, practical, visual guidance for effectively diagnosing and treating the full range of emergencies and health problems encountered in situations where time and resources are scarce. Every day, more and more people are venturing into the wilderness and extreme environments, or are

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victims of horrific natural disasters...and many are unprepared for the dangers and aftermath that come with these episodes. Whether these victims are stranded on mountaintops, lost in the desert, injured on a remote bike path, or ill far out at sea, this indispensable resource--now with online access at [www.expertconsult.com](http://www.expertconsult.com) for greater accessibility and portability-- equips rescuers and health care professionals to effectively address and prevent injury and illness in the wilderness! This textbook is widely referred to as "The Bible of Wilderness Medicine." Be able to practice emergency medicine outside of the traditional hospital/clinical setting whether you are in remote environments, underdeveloped but highly populated areas, or disaster areas, are part of search and rescue operations, or dealing with casualties from episodes of extreme sports and active lifestyle activities. Face any medical challenge in the wilderness with expert guidance: Dr. Auerbach is a noted author and the world's leading authority on wilderness medicine. He is a founder and Past President of the Wilderness Medical Society, consultant to the Divers Alert Network and many other agencies and organizations, and a member of the National Medical Committee for the National Ski Patrol System. Handle everything from frostbite to infection by marine microbes, not to mention other diverse injuries, bites, stings, poisonous plant exposures,

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animal attacks, and natural disasters. Grasp the essential aspects of search and rescue. Respond quickly and effectively by improvising with available materials. Improve your competency and readiness with the latest guidance on volcanic eruptions, extreme sports, splints and slings, wilderness cardiology, living off the land, aerospace medicine, mental health in the wilderness, tactical combat casualty care, and much more. Meet the needs and special considerations of specific patient populations such as children, women, elders, persons with chronic medical conditions, and the disabled. Make smart decisions about gear, navigation, nutrition, and survival. Be prepared for everything with expanded coverage on topics such as high altitude, cold water immersion, and poisonous and venomous plants and animals. Get the skills you need now with new information on global humanitarian relief and expedition medicine, plus expanded coverage of injury prevention and environmental preservation. Get guidance on the go with fully searchable online text, plus bonus images, tables and video clips - all available on ExpertConsult.com.

Evidence-Based Practices for Strategic and Tactical Firefighting is a synopsis of the UL/NIST research studies and experiments on fire behavior and techniques for ventilation, fire suppression, and search and rescue as a result of the changes in modern building construction and furnishing

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materials. As a result of these changes, today's fires release energy faster, reach flashover potential sooner, may reach higher temperatures, and are much more likely to become ventilation-limited than building fires of even a few years ago. Developed in partnership with the International Association of Fire Chiefs (IAFC) and National Fire Protection Association (NFPA), Evidence-Based Practices for Strategic and Tactical Firefighting details many of the findings discovered as the result of an ongoing series of experiments conducted by NIST, UL, and the New York City Fire Department (FDNY) and provides the most up-to-date information available today for Fire Fighter, Fire Officer, and Fire Science students. Additional information about these –and other fire experiments can be obtained online at the NIST website by searching under Fire– Fighting Technology and at the UL website by searching under Fire– Fighter Safety Research Institute. This Exam Prep is designed to thoroughly prepare you for a swift water certification, promotion, or training examination. To help improve examination scores, this preparation guide follows Performance Training Systems, Inc.'s Systematic Approach to Examination Preparation. Exam Prep: Technical Rescue-Swift Water is written by fire personnel explicitly for fire personnel, and all content has been verified with the latest reference materials and by a technical review committee.

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In David Black's *Canyoneering: A Guide to Techniques for Wet and Dry Canyons*, readers learn the hazards and risks of canyoneering, the skills required to gain mastery of canyoneering style and technique, and simple, effective ways to negotiate hazardous terrain. This completely updated, thorough, and to-the-point guide will provide easily understood descriptions of skills used by leading-edge canyoneers and promote simple techniques for solving complex problems. The purpose of this book is to equip canyoneers at all levels with the technical skills they need to enjoy a clean canyoneering experience and avoid dangerous mistakes. This full-color book is the only guide endorsed by the American Canyoneering Association. Includes information on:

- The right way to apply climbing, caving, and whitewater skills to technical canyoneering
- An explanation of technical canyon ratings
- Simple, effective ways to negotiate hazardous terrain
- Twelve classic canyons in North America and their ratings
- ACA-certified instructors, guides, and guide service

Everything you need to know about high angle rescue! High angle rescue is difficult. Learning how to do it shouldn't be. The step-by-step approach of this unique, full-color text makes it easy to learn everything you need to know about high angle rescue - including planning for an incident, managing a team, troubleshooting problems, operating

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equipment, and so much more!

From basic first aid and campcraft to strategies for coping with any type of disaster, this is the definitive survival guide. Two 16-page color sections. Line art throughout.

Fire Service Technical Search and Rescue, 8th Edition is a primary training text for Level I Rescuers according to NFPA® 1006. The manual presents the knowledge and skills for fire service search and technical rescue for Level I Rescuers to safely and effectively conduct Operations-level rescues as defined in NFPA® 1006. The book also supports the corresponding chapters of NFPA® 1670, Standard on Operations and Training for Technical Search and Rescue Incidents (2014 Edition). According to NFPA® 1670, an Operations Level Rescuer is able to participate in more complex search and rescue incidents under the supervision of a Rescue Technician. This NEW training manual focuses on Operations-level situations most common for firefighters and rescue squad members. Technician-level information has been included to provide Operations-level fire/rescue personnel with the background information needed to effectively support complex technical rescue operations. A firefighter or rescue squad member will find the knowledge and skills in this manual, to safely and effectively perform basic search and rescue operations under appropriate supervision.

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Curriculum USB Flash Drive is now available. This customizable curriculum includes lesson plans for the instructor complete with learning objectives, lesson outlines and assignment sheets.

PowerPoint® visuals, skill sheets, quizzes and clip art are also included in the curriculum.

\* Climbing self-rescue procedures for teams of two - the most common climbing party size \* Techniques equally effective on rock, snow, and ice \* Utilizes gear climbers already carry in their rack\* Includes 40 one-page rescue scenarios and solutions for climbing accident analysis

The rope is stuck, or too short. A crucial piece of gear is MIA. You've wandered off route into dicey terrain. An injury leaves you or your partner in need of help. Climb long enough and finding yourself in a jam far from help is inevitable. In *Climbing: Self Rescue*, two long-time climbing instructors and guides teach how to improvise your own solutions, calling for outside help only when necessary. Because few climbers carry fancy (and expensive) search and rescue gear, all skills taught in this book use the items typically found on a climbing rack: rope, carabiners, slings, and cord. Text, illustrations, and photos explain knots, belaying and hauling systems, rappelling, ascension, passing knots, how to safely assist and rig an injured climber, and more. Roughly half of the book is devoted to real-life climbing scenarios and solutions ranging from moderate to severe. Because real-life



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situations rarely unfold as they do in practice, Climbing Self-Rescue teaches how to analyze and improvise your way out of a crisis.

This book features selected papers from the 11th Asia-Oceania Symposium on Fire Science and Technology (AOSFST 2018), held in Taipei, Taiwan. Covering the entire spectrum of fire safety science, it focuses on research on fires, explosions, combustion science, heat transfer, fluid dynamics, risk analysis and structural engineering, as well as other topics. Presenting advanced scientific insights, the book introduces and advances new ideas in all areas of fire safety science. As such it is a valuable resource for academic researchers, fire safety engineers, and regulators of fire, construction and safety authorities. Further it provides new ideas for more efficient fire protection.

Wilderness EMS is designed for EMS providers and leaders who deliver medical care in the wilderness, and those practicing wilderness medicine as part of a formal team. The textbook is a comprehensive, expertly-written reference ideal for this fast-changing and multidisciplinary specialty. This first-of-its-kind text provides specialized instruction and best practices for wilderness EMS practitioners and students – crucial information for the success of today's rescue missions. A strong foundation in evidence-based medicine, clinical experience, and field applicability makes it especially useful for any

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EMS provider in a wilderness environment. A vital resource for pilots, instructors, and students, from the most trusted source of aeronautic information.

“A fabulous read, filled with heroism, history, and hi-jinks, as author William F. Sine recounts his life as an Air Force Pararescue Jumper” (Readers’ Favorite). US Air Force Pararescue is the most skillful and capable rescue force in the world, taking on some of the most dangerous rescue missions imaginable. PJs (short for para-jumpers), are members of an elite unit whose commando skills are so wide-reaching they often seem like something out of science fiction. They routinely tackle perilous operations that are beyond the capabilities of other rescue organizations, and sometimes dare the seemingly impossible. Since their inception in 1947, PJs have saved more than thirty thousand lives. They can pluck near-frozen climbers off jagged mountaintops and recover shot-down jet pilots stranded deep in hostile territory. In the dead of night, the PJs parachute into ominous, black, twenty-foot-tall waves to save distressed seamen, and they brave the cruelest and most desolate deserts to recover victims. US Air Force pararescuemen have played a prominent role in every armed conflict since the Korean War, rescuing thousands of soldiers from behind enemy lines. Guardian Angel provides a rare glimpse at a PJ’s mind-blowing adventures. You follow Sgt. Sine’s trek across exotic lands and share his encounters with mysterious cultures. Learn what it takes to lower from a helicopter onto the slippery decks of storm-tossed ships to rescue dying sailors. Feel what it’s like to be caught in the middle of a bomb blast so powerful that it tears high-rise buildings in half, and flattens armored vehicles hundreds of yards away. Soar high above towering jungle trees and experience the danger

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of swinging on a slim cable below a helicopter, while performing a mid-air rescue of a pilot, dangling from his chute a hundred feet above a mountain slope. Go to war in Afghanistan and parachute onto a nocturnal battlefield, surrounded by land mines, to help a mortally wounded soldier. This is a deadly serious business: When things go wrong, they can go terribly wrong. Aircraft crash into mountainsides, killing all onboard, while some PJs live through horrendous helicopter crashes only to struggle with freezing temperatures, snapped limbs and torn flesh in a desperate fight for survival. This book presents true stories of uncommon courage told from the perspective of the actual men in the arena. PJs belong to an exclusive brotherhood and forge unbreakable bonds of loyalty, commitment, and sacrifice. They do these things for their country, to protect their brothers in arms, and to honor their motto: "That Others May Live."

A giant whale trapped in nets and ropes. Can she be helped? A humpback whale migrating south along the California coast becomes tangled in a fishing trawler's ropes and nets. As she struggles to free herself, the ropes twist more tightly around her body, digging into her skin. The whale fights until she is too tired to continue. What happens next will astound and inspire. Based on true events, this is a story of interspecies cooperation and the importance of human responsibility to protect the earth and its many inhabitants. Wendell Minor's breathtaking paintings illustrate the majesty of the gentle humpback whale in her blue-green undersea world and the amazing efforts of humans—creatures a mere fraction of her size—who risked their lives to save her. Back matter includes the story behind the story, further information about humpback whales, and facts about whale rescue efforts

Pulley Systems Explained has evolved into a full 300 dpi color

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book, with more than 280 pages. It includes many more diagrams, drawings, examples, pictures, and applications. It explains the difference between simple, complex pulley systems, and how compounding effect works, how to determine the pulley advantage of any pulley system, ways to use them at work, for rescue, or while on an adventure. Including a special section of applications, strategies, and tactics. A sampling of many situations we run into while working in real life. It teaches skills, and helps prepare you to handle those complex situations we all must deal with, yet there is no simple answer. I share other related things that 40 years of "walking the talk" has brought. "Book knowledge is good information, combine training, and it becomes usable knowledge, add experience and you have the pure gold of knowledge." This is the "Pulley Section" of the "Ropes, Pulleys, Rigging Systems, and Avoiding Dangerous Resultants Book Series. "Pulley Systems Explained" is the evolution of many years of writing, collecting, drawing, taking pictures, working with other professionals, rewriting, organizing, and fine tuning articles and books about Ropes, Pulleys, Rigging System, and Safety (Avoiding Dangerous Resultants). Rope is one of the most common simple machines, add pulleys and we now have a system. This book is full of systems you can use at work, during rescues, and at home, or while on adventures. There are examples, challenges, quizzes, charts, diagrams, and pictures, and more ways we can work with pulleys to make our lives better. "Maximum Efficiency and Simplicity with a Minimum of Effort and Equipment; while maintaining low risk exposure." It defines an approach to assembling our systems. Pulley Systems Explain is also a good companion book to use with vRigger Software for learning various pulley rigging systems.

This bundle includes High Angle Rope Rescue Techniques,

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Fourth Edition + Field Guide to Accompany High Angle Rescue Techniques, Third Edition

While helping the Portland County Sheriff's Search and Rescue to seek a missing autistic man, teens Alexis, Nick, and Ruby find, instead, a body and join forces to find the girl's murderer, forming an unlikely friendship, as well.

Third edition of The technical Rescue Riggers Guide, By Rick Lipke, Includes dual capability two tension rope systems. 220 color pages, waterproof, tear resistant.

This second edition of Fire Service Pump Operator has been thoroughly updated to serve as a complete training solution that addresses pump operation, safe driving techniques, tiller and aerial apparatus operation, and water supply considerations. From basic apparatus maintenance to fire pump theory and advanced hydraulic calculations, this single manual covers everything a fire service driver/operator needs to know. Fire Service Pump Operator: Pump, Aerial, Tiller, and Mobile Water Supply, Second Edition meets and exceeds the job performance requirements of Chapters 4, 5, and 10 of NFPA 1002, Fire Apparatus Driver/Operator Professional Qualifications, 2014 Edition. It also addresses all of the course outcomes from the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) Associates (Core) Fire Protection Hydraulics and Water Supply course.

Designed to thoroughly prepare you for a Technical Rescuer certification, promotion, or training examinaion.

The third edition of Water Rescue: Principles and Practice to NFPA 1006 and 1670: Surface, Swiftwater, Dive, Ice, Surf, and Flood is a complete resource for water rescue personnel and their organizations.

Prehospital Care Pearls and Pitfalls, is a unique, stimulating, and easy-to-read way, provide practical

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information applicable to the prehospital setting and help the prehospital emergency care provider be prepared to manage the myriad of emergency and non-emergency situations that he or she will be called upon to assist.

Exam Prep: Technical Rescue-High Angle is designed to thoroughly prepare you for a Technical Rescue certification, promotion, or training examination by including the same type of multiple-choice questions you are likely to encounter on the actual exam. To help improve examination scores, this preparation guide follows Performance Training Systems, Inc.'s Systematic Approach to Examination Preparation. Exam Prep: Technical Rescue-High Angle is written by fire personnel explicitly for fire personnel, and all content has been verified with the latest reference materials and by a technical review committee. Your exam performance will improve after using this system!

Get the tools you need to succeed! With its conversational, easy-to-read style, Volume 2 of Paramedic Practice Today: Above and Beyond simplifies topics and helps you master National Standard Curriculum objectives and meet the new National Education Standards. It also includes a companion DVD-ROM with step-by-step videos demonstrating key skills in the textbook, along with medical animations and video lectures. Because this book corresponds to the National Registry of EMTs National EMS Practice Analysis, it provides you with the best possible preparation for the National Registry exam. A JB Course Manager resource is available to accompany this title. JB Course Manager is an easy-to-use and fully hosted online learning

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platform. For additional information, or to make your request, contact your Account Specialist or visit <http://go.jblearning.com/JBCM>.

Your Definitive High Angle Rope Rescue Guide! The fourth edition of High-Angle Rope Rescue Techniques: Levels I & II provides comprehensive coverage of all aspects of high-angle rescue, including planning, PPE and equipment, medical considerations, evacuations, and special rescue operations. Based on the 2013 edition of NFPA 1006, Standard for Technical Rescuer Professional Qualifications, High-Angle Rope Rescue Techniques: Levels I & II provides a broad overview of all rescue techniques to meets the needs of fire service, search and rescue, and many other rope rescue professionals. The fourth edition has been updated to include: Coverage of new protective equipment, terminology, rescue products, and techniques. All new Skill Drills that provide step-by-step instruction on how to execute important skills and procedures. Separation of High-Angle Rope Rescue I and II Level content throughout the textbook and instructor resources.

This book provides an overview of all aspects of search and rescue procedures and equipment, It teaches the absolutely essential techniques employed by nearly all search and rescue personnel. This book offers an in-depth and practical approach to search and rescue and is recommended for all emergency responders. For both paid and unpaid professionals, this resource combines dynamic features with the latest comprehensive content. "This text meets the course outcomes of the National Fire Academy's Fire and Emergency Services Higher

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Education (FESHE) associate level strategy and tactics course. It provides an overview of common firefighting concepts from fire dynamics to extinguishing agents, to incident management, to fire fighter safety, to building construction, to preincident planning to post incident analysis"--Back cover.

Completely updated in a new edition and written by the best-selling author team of Bryan E. Bledsoe D.O., F.A.C.E.P., EMT-P, Robert S. Porter M.A., NREMT-P, and Richard A. Cherry, M.S., NREMT-P, this student-friendly easy to understand series covers the DOT National Standard Curriculum. The fifth of 5 titles in the Brady Paramedic Care Principles and Practice series, Volume 5 - Special Considerations/Operations - contains neonatology, pediatrics, geriatrics, abuse and assault, the challenged patient, chronic-care patient, assessment-based management, operations, incident command, rescue awareness and operations, hazmat, crime scene awareness, rural EMS, and a new chapter on EMS response to WMD. Paramedic Level Emergency Responders or Intermediate level responders training to enter into Paramedic.

The Third Edition provides a comprehensive introduction to trench rescue, focusing on the knowledge and skills required to effectively perform rescues in a variety of trench environments.

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