

# Fireground Size Up

Five Alarm Leadership  
 Brannigan's Building Construction for the Fire Service  
 Firefighter Survival  
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 First In, Last Out  
 Firefighting Strategies and Tactics  
 The Art of Reading Buildings  
 Fire officer's handbook of tactics  
 Fireground Size-Up, 2nd Ed.  
 Command Safety  
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 Mastering the Fire Service Assessment Center, 2nd Ed  
 Fireground Size-up  
 Air Management for the Fire Service  
 Fireground Operational Guides  
 Firefighter Rescue and Rapid Intervention Teams  
 Preventing Firefighter Disorientation  
 Suburban Fire Tactics  
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 Fireground Size-Up  
 Collapse of Burning Buildings, 2nd Edition  
 Fundamentals of Fire Fighter Skills  
 3D Fire Fighting  
 How To Excel At Fire Department Promotional Exams  
 Chief Officer  
 Responding to Routine Emergencies

*Fireground Size Up*

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## LILLIANNA RIVAS

### Five Alarm Leadership Fire Engineering Books

The National Fire Protection Association (NFPA) and Jones & Bartlett Learning are pleased to bring you the fourth edition of Engine Company Fireground Operations. This expanded edition incorporates the latest recommendations from UL and the National Institute of Standards and Technology (NIST) into every aspect of fire attack and ventilation and presents an extensive study of engine company fire ground operations. This new edition is an ideal resource for fire service personnel preparing for promotion or studying for a civil service examination. Firefighters and company officers will gain knowledge in fire science, building construction, and the effects of burning modern fuels that result in extreme fire behavior. Specific features include: Detailed illustrations that show the tactics and approaches described in each chapter Case studies of strategies and tactics that resulted in firefighter line of duty deaths, as well as those that were successful, incorporated into the recommended practices of engine company fire attack, rescue, and ventilation Detailed information on size-up that applies risk management principles to the Value-Time-Size method, which considers survivability profiling and threshold limits, identifying problems, selecting strategies and tactics, developing a quick incident action plan, and applying a functional accountability system for safety A significant emphasis on attacking residential and commercial basement fires A one-of-its-kind chapter on fireground operations and responsibilities for company level high-rise firefighting, with special attention paid to fire behavior within high-rise buildings In-depth coverage of all the basic engine company responsibilities, including: Equipment Initial hose lays and water supplies The deployment of attack, back-up, and exposure hose lines Rapid intervention teams Search and rescue Master streams Fire protection systems Standpipe operations Salvage and overhaul

### Brannigan's Building Construction for the Fire Service Jones & Bartlett Publishers

The Art of Reading Buildings focuses on the practical art of reading a building and applying its positive and negative attributes in developing a size-up for fireground operations that center on structure fires. First-due company officers, incident commanders, and safety officers will appreciate the practical "street-wise" lessons captured in the book. Chief officers, training officers, engineers, firefighters, and fire science degree candidates will benefit from the wide range of building construction topics covered in this text. Features include:

- Understand the technical and practical aspects of building construction
- Learn on-the-spot building construction assessment using the authors' custom Rapid Street-Read Guides
- Develop a quick construction size-up for immediate application to fireground operations
- Recognize firefighter traps in newer and alternative construction methods
- This text covers objectives for the National Fire Academy's Fire and Emergency Services in Higher Education (FESHE) Building Construction for Fire Protection course

### Firefighter Survival Fire Engineering Books

Uses a scenario simulation method.

### Step Up and Lead Fire Engineering Books

A book that presents Fireground Skills in Fireground Language. This book contains chapters on Managing Your Mayday, SCBA Emergencies, Disorientations Emergencies, and Emergency Escape Techniques. Detailed photos are included on the various skills covered.

### First In, Last Out Fire Engineering Books

Searching Smarter defines the three most common types of search (the standard, oriented, and team search) and applies them to existing common occupancy types (residential and commercial occupancy). It also discusses the relationship between command and other divisions/groups, search basics, and reading buildings for search.

### Firefighting Strategies and Tactics PennWell Books

1. General collapse information 2. Terms of construction and building design 3. Building construction: firefighting problems and structural hazards 4. Masonry wall collapse 5. Collapse dangers of parapet walls 6. Wood floor collapse 7. Sloping peak roof collapse 8. Timber truss roof collapse 9. Flat roof collapse 10. Lightweight steel roof and floor collapse 11. Lightweight wood truss collapse 12. Ceiling collapse 13. Stairway collapse 14. Fire escape dangers 15. Wood-frame building collapse 16. Collapse hazards of buildings under construction 17. Collapse caused by master stream operations 18. Search-and-rescue at a building collapse 19. Safety precautions prior to collapse 20. Why the World Trade Center Towers collapsed 21. High-rise building collapse 22. Post-fire analysis 23. Early floor collapse EPILOGUE: Are architects, engineers, and code-writing officials friends of the firefighters?

### The Art of Reading Buildings Fire Engineering Books

Author John Mittendorf has completely rewritten his best-selling book, Truck Company Operations, a must-have for all firefighters who are assigned to the truck and who have responsibilities for the truck on the fireground. The new second edition covers the many aspects, tasks, and functions of a truck company, and contains new and expanded information related to search, reading a building, reading smoke, the Ten Commandments of truck company operations, operating truck apparatus, and more—all from a truck company perspective.

### Fire officer's handbook of tactics Lulu.com

The most comprehensive book available on firefighter rescue and rapid intervention team operations. Chapters include: Searching for a Firefighter; Assessing, Stabilizing & Packaging; Rescue Techniques; Why Do We Need RIT?; The Rapid Intervention Team; RIT Tools & Staging; Proactive RIT Tasks; The RIT Deployment; Commanding RIT Operations; and Firefighter Rescue & RIT Training Sessions. This book is a must read for all firefighters it may save their life or the life of a fellow firefighter.

### Fireground Size-Up, 2nd Ed. Fire Engineering Books

"This text meets the course outcomes of the National Fire Academy's Fire and Emergency Services Higher 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.

### Command Safety Fire Engineering Books

Response and tactics for common calls, incl. carbon monoxide.

### Searching Smarter PennWell Books

What does it take to lead people into a burning building? How do the leaders of the New York City Fire Department develop so much loyalty, trust, and grace under pressure that their subordinates will risk their very lives for them? As a high-ranking officer of the FDNY, John Salka is an expert at both practicing and teaching high-stakes leadership. In First In, Last Out, he explains the department's unique strategies and how they can be adopted by leaders in any field—as he has taught them to organizations around the country. In a tough-talking, no-nonsense style, Salka uses real-world stories to convey leadership imperatives such as: first in, last out—your people need to see you taking the biggest risk, as the first one to enter the danger zone and the last to leave manage change—the fire you fought yesterday is not the one you'll be fighting tomorrow communicate aggressively—a working radio is worth more than 20,000 gallons of water create an execution culture—focus your people on the flames, not the smoke commit to reality—never allow the way you would like things to be to color how things are develop your people—let them feel a little heat today or they'll get burned tomorrow Illustrated by harrowing real-life situations, the principles in First In, Last Out will help managers become more confident, coherent, and

commanding. On the web: <http://www.firstinleadership.com>

*Tom Brennan's Random Thoughts* Fire Engineering Books

The expert instructors at the Seattle Fire Department offer a comprehensive explanation of how to develop and implement an effective air management program for departments of any size. This handbook includes examples from international departments, the newest technology breakthroughs, and more.

*Common Valor* Fire Engineering Books

This is a "how to" book written by a "know how" person for anyone who practices firefighting strategy. Deputy Chief Vincent Dunn is passing on to the next generation of firefighters the lessons ("strategy summaries") he learned from his years of firefighting experience. He describes firefighting strategies for the most common types of fire scenarios and identifies specific firefighting problems presented to an incident commander by occupancy and construction type. More importantly, he explains firefighting solutions and offers firefighting plans, standard procedures, action plans, ideas, guidelines, explanations, key steps, and systems of firefighting procedures. This book is not about tactics. It's about strategy - plans of firefighting, logical ways to solve problems at fires.

**Microturbine Generator Handbook** Fire Engineering Books

In his new book *Step Up and Lead*, Frank Viscuso--author, speaker, and career deputy chief--shares the secrets of effective fire service leadership, introduces the traits and skills essential for successful fire service leaders, and discusses the importance of customer service. Designed to help you reach the top of your profession, this new book is considered must-read material for anyone who is ready to step up and lead!

**Assessment Center Strategy and Tactics** Fire Protection Publication

Learn how fireground size-up can make your operations efficient, effective, and safe. Fire officers have many decisions to make when they approach a scene—decisions that could mean the difference between life and death. Pre-incident information combined with your on-scene size-up give the fire officer the advantage of knowing what to expect when arriving and operating at a fire scene. In this definitive guide to fireground size-up, author Michael A. Terpak gives firefighters an in-depth and expanded review of 15 size-up points to help them make decisions that are efficient, effective, and safe. In each different type of building referenced, Terpak covers the following points: --Construction concerns --Occupancy --Apparatus and staffing --Life hazard --Terrain --Water supply - -Auxiliary appliances and aides --Street conditions --Weather --Exposures --Area --Location and extent of fire --Time --Height --Special considerations

**Strategy and tactics for initial company operations** Fire Engineering Books

For the first time, the entire 18-year collection of Tom's "Random Thoughts" columns from Fire Engineering magazine are assembled and presented in book format.

**The Evolving Fireground** Across Street Productions

The Complete Fire Officer III and IV Training Solution! Chief officers need to know how to make the transition from company officer to chief officer. *Chief Officer: Principles and Practice* is designed to help make the transition from company officer to chief officer a smooth evolution. Covering the entire scope of Levels III and IV from the 2009 Edition of NFPA 1021, Standard for Fire Officer Professional Qualifications, Chief Officer combines current content with dynamic features and interactive technology to better support instructors and to help prepare future chief officers to

become problem-solving leaders for their organizations. *Chief Officer: Principles and Practice* has a clear focus on instilling fire fighter safety throughout an organization's culture. Reducing fire fighter injuries and deaths requires the dedicated efforts of every fire fighter, fire officer, and fire department. The entire fire community must work together to achieve one common goal: to ensure that everyone goes home. Chief officers therefore set the tone for safety in their organization, and this textbook embraces that philosophy. It is with this goal in mind that the 16 Firefighter Life Safety Initiatives, developed by the National Fallen Firefighters Foundation, are integrated throughout the text. The features in this textbook will help students take that extra step toward becoming outstanding chief officers. These features include: • Scenario-Based Learning. You Are the Chief Officer and Chief Officer in Action are found in each chapter to encourage and foster critical thinking skills. • Practical Tips for the Chief Officer. Chief Officer Tips and Voices of Experience essays are integrated into each chapter to provide helpful advice from experienced chief officers. • Level IV Job Performance Requirements. Fire Officer Level IV content is highlighted to discern Level III JPRs from Level IV. • Walk the Talk. Additional activities encourage students to take what they have learned in the chapter and apply it to their own department.

**Fireground Strategies** PennWell Books

Getting promoted in the fire service is not an easy process. Many people have that desire to promote, but for whatever reason cannot put the pieces together to make it a reality. Over the 20 plus years I have been in the fire service, I have had the opportunity to be on both sides of the promotional process - as a candidate, and as a rater and proctor. This book will assist fire department personnel specifically prepare for their next promotional exam. Promotional candidates will be exposed to and offered key points for the most common tasks and events within a fire department promotional process including, but not limited to: promotional preparation, completing the application, resume preparation, the written exam, the oral interview, the personnel problem, the oral presentation, and the emergency simulation.

**Strategy of Firefighting** NWCG Training Branch

John Norman has updated his best-selling book, a guide for the firefighter and fire officer who, having learned the basic mechanics of the trade, are looking for specific methods for handling specific situations. In this new fourth edition, readers will find a new chapter on lightweight construction, a new chapter on electrical fires and emergencies, updates to many chapters including such topics as wind-driven fires, and many new illustrations.

**Pass it On** PennWell Books

Everything we do--or don't do--affects the fire. Deputy Chief P.J. Norwood and Captain Sean Gray discuss how fireground strategy and tactics have evolved in light of fire research conducted around the world. They discuss the fire tetrahedron and how fuel, heat, and air all affect a fire's growth or extinguishment. Gray and Norwood take the lessons learned from the research as well as their general knowledge of the fireground to illustrate safer and more effective ways to operate on the fireground. They discuss how to apply this new understanding of fire behavior to two of the fire service's most important tasks: search and fire attack. This book is an important resource for anyone wanting to put new fire dynamics research to action. You will learn: --How firefighting activities affect the fire tetrahedron --To stay safe while working in the flow path on the fireground --Search methods that isolate the firefighter and victim --Fire attack methods that minimize the air fed to the fire --Incident command size up and decision making