

Cartridge List Burris Optics

This new edition of Cooper's classic Principles of Personal Defense - with a fitting tribute by firearms expert Louis Awerbuck and all-new drawings by renowned illustrator Paul Kirchner - presents his timeless theory of individual defensive behavior clearly, concisely and practically. All free people who aspire to stay that way should read, study and share the wisdom found within these pages. Considered by many to be one of the greatest books on combat mindset and proper defensive mental conditioning ever writte, it deserves a place of honor in every library.

A directory of distributors offering address information and a description of merchandise available

With the popularity of IDPA, IPSC and silhouette competition, and a variety of available choices for hunting and concealed carry, handgun accuracy has never been more important. In the personal defense field, accuracy and precision could mean the difference between life and death. Gun Digest Media's newest title, The Accurate Handgun by author Robert Campbell, details how to make any handgun more accurate--from choosing the best revolvers and autoloaders, to honing shooter mindset and skill. Serious target shooters, hunters and armed citizens demand accurate handguns. The upgrades and accessories covered in The Accurate Handgun are invaluable to make any sidearm perform better. In addition, the author illuminates the road to expert marksmanship. Readers learn how to perfect the human component of accuracy. Inside the book: Handgun shooting techniques that will immediately improve accuracy for any shooter Reloading tips and tricks to make more reliable and precise loads Expert insights into handgun ammo selection--from rimfire to big bore DIY projects to improve handgun function and accuracy in popular makes and models From in-depth accuracy tips and gun tests of handguns from Glock, Colt, SIG, CZ, Springfield Armory and many more, to honest evaluations of the latest handgun ammunition, The Accurate Handgun highlights the technical aspects of the handgun, which shooters must understand to achieve truly high performance and precision. Plus, how to interface human ability and biomechanical aspects such as hand fit and trigger action with shooting technique.

Collected articles survey developments in gun technology and ballistics as well as providing information on antique guns and collector's items

Gun Facts debunks common myths about gun control. It is intended as a reference guide for journalists, activists, politicians, and other people interested in restoring honesty to the debate about guns, crime, and the 2nd Amendment. Divided into chapters based on gun control topics (assault weapons, ballistic finger printing, firearm availability, etc.), finding information is quick and easy. Each chapter lists common gun control myths, then lists a number of documented and cited facts (with nearly 500 detailed footnotes). Thus when a neighbor, editor or politician repeats some sound bite about firearm control

policy, you can quickly find that myth then rebuke with real information. The definitive interdisciplinary reference work for wound ballistics Fundamentals in Physics, arms and ammunition, ballistics Simulating gunshot wounds: Virtopsy – a virtual autopsy method, combining CT, MRT and surface scanning and Materials that reproduce the interaction of soft tissue, bone and blood vessels with a bullet that penetrates the body. Wound ballistics for Short-range and long-range weapons, fragments, such as those from bombs and hand grenades, gas jets from blanks, gas weapons, etc., “Non-lethal” weapons as used by the police, in military operations or in urban settings Specialist knowledge and reference detailed tables: ballistic tables for typical ammunition, ballistic values for numerous types of ammunition, including older types, materials properties, plus additional, hard-to-find data. Most tables are in both metric and U.S. units., an extensive trilingual glossary of specialized terminology in German, English and French NEW: the latest diagnostic / simulation methods and the latest types of ammunition The practice and application of wound ballistics in: forensic medicine, surgery – especially emergency and war surgery and international conventions Globalized conflict zones, terrorism and crime – these issues affect a wider circle than just the armed forces and medical services abroad. Police officers, surgeons, forensics specialists and criminalists also need to be familiar with ballistics and gunshot wounds and must be able to assess the complex factors involved. The practice and application of wound ballistics in forensic medicine. surgery – especially emergency and war surgery and International conventions. Globalized conflict zones, terrorism and crime – these issues affect a wider circle than just the armed forces and medical services abroad. Police officers, surgeons, forensics specialists and criminalists also need to be familiar with ballistics and gunshot wounds and must be able to assess the complex factors involved.

A guide to shooting profiles techniques and competitive societies associated with different types of shooting sports, and also features information on women and guns, safety, and practicing.

Thorough and practical advice that will enable firms of all sizes to develop fit-for-purpose compensation systems that can be effectively managed to drive the right behaviors and, in turn, financial success.

This book comprehensively discusses essential aspects of terminal ballistics, combining experimental data, numerical simulations and analytical modeling. This new, 3rd edition reflects a number of recent advances in materials science, such as the use of polyurea layers on metallic plates in order to improve their ballistics. In addition, more data and analyses are now available on dwell and interface defeat in ceramic tiles coated with polymers, and are presented here. Lastly, the new edition includes new results, numerical and empirical, concerning the DIF issue in brittle solids, as well as the “upturn” phenomenon in the stress–strain curves of ductile solids. The author also added a new analysis of concrete penetration experiments which accounts for the scaling issue in this field. This is a new, and important, addition which we are happy to announce. They also added some new insights into the interaction of EEP’s and FSP projectiles with metallic plates. Throughout the book, the authors demonstrate the advantages of the simulation approach in terms of understanding the

basic physics behind the phenomena investigated, making it a must-read for all professionals who need to understand terminal ballistics.

Two distinguished neuroscientists distil general principles from more than a century of scientific study, “reverse engineering” the brain to understand its design. Neuroscience research has exploded, with more than fifty thousand neuroscientists applying increasingly advanced methods. A mountain of new facts and mechanisms has emerged. And yet a principled framework to organize this knowledge has been missing. In this book, Peter Sterling and Simon Laughlin, two leading neuroscientists, strive to fill this gap, outlining a set of organizing principles to explain the whys of neural design that allow the brain to compute so efficiently. Setting out to “reverse engineer” the brain—disassembling it to understand it—Sterling and Laughlin first consider why an animal should need a brain, tracing computational abilities from bacterium to protozoan to worm. They examine bigger brains and the advantages of “anticipatory regulation”; identify constraints on neural design and the need to “nanofy”; and demonstrate the routes to efficiency in an integrated molecular system, phototransduction. They show that the principles of neural design at finer scales and lower levels apply at larger scales and higher levels; describe neural wiring efficiency; and discuss learning as a principle of biological design that includes “save only what is needed.” Sterling and Laughlin avoid speculation about how the brain might work and endeavor to make sense of what is already known. Their distinctive contribution is to gather a coherent set of basic rules and exemplify them across spatial and functional scales.

his book has been prepared with the aim to present the application of these two state-of-the art technologies in agricultural sciences and food technology, and to explain the protocols for analyses of different plant, animal, microbiological and food samples as well as for different biotechnology procedures. Selected methods and protocols which are used in plant stress physiology, weed science, fruit breeding research, microbial ecology, plant virus and fungus diagnostics, phytobacteriology, fishery, food biochemistry, food materials and food technology are described. Special adaptation of certain protocols is required for application in each of these sciences, for every type of GMO organism, food technology raw material, and food technology product, as well as for every type of bacteria, virus, fungus or fungus-like organism, for each type of raw material in terms of plant host species, plant organs, year period and conditions in the laboratory. Application of molecular methods, primarily qPCR, and Raman microscopy/ spectroscopy in agricultural and food sciences provides substantial opportunity for increased production efficiency, food safety, better product quality and improvement of plant and animal health. This book is aimed for students, scientists and professionals working in the field of agriculture and food technology.

The Gun Digest Book of Long-Range Shooting Gun Digest Books

Reflecting changes in the field in the ten years since the publication of the first edition, The Handbook of Photonics, Second Edition explores recent advances that have affected this technology. In this new, updated second edition editor Mool Gupta is joined by John Ballato, strengthening the handbook with their combined knowledge and the continued contributions of world-class researchers. New in the Second Edition: Information on optical fiber technology and the economic impact of photonics Coverage of emerging technologies in nanotechnology Sections on optical amplifiers, and polymeric optical materials The book covers photonics materials, devices, and systems, respectively. An introductory chapter, new to this edition, provides an overview of photonics technology, innovation, and economic development. Resting firmly on the foundation set by the first edition, this new edition continues to serve as a source for introductory material and a collection of published data for research and training in this field, making it the reference of first resort.

The story of an anonymous Englishman who, in the spring of 1963, was hired by the Operations Chief of O.A.S. to assassinate General de Gaulle.

Top deer biologists and deer hunting authors discuss how and when hunters should harvest bucks and antlerless deer, and how to ensure a better chance of getting that trophy buck.

Appeals to handgun shooters and hunters Only annually updated handgunner's guide - competing books pale in depth of reference information and new model performance and pricing details

Become a better long-range shot! How well can you shoot at 200 yards? 500? How about 1,000? L.P. Brenzy has taught many shooters the art of accurate, long range rifle work, and in Gun Digest Book of Long-Range Shooting he shares the skills and practice techniques that will put you on target. You learn: How to select the best rifle and caliber to make the shots you want to make How to select the proper bullet and loading information to get the best performance Practice techniques and how to keep the edge needed to routinely make long, accurate shots How to make accurate distance judgments without the use of high dollar electronics How to know your limitations in hunting situations and make ethical shots

Published annually for more than eighty years, and with over seven million copies sold worldwide, Shooter's Bible is the most complete and sought-after reference guide for new products, specifications, and current prices on thousands of firearms and related equipment. The 103rd edition contains up-to-date handgun and rifle ballistic tables along with extensive charts of currently available bullets and projectiles for handloading, as well as a new products section. Complete with color and black and white photographs showcasing various makes and models of firearms and equipment, Shooter's Bible is the perfect addition to the bookshelf of any beginner or experienced hunter, firearm collector, or gun enthusiast.

This volume is the first of a short series dedicated to enabling quality reloading of the 6.5 Grendel in AR-15 Rifles. Volume 1 is a brief synopsis of the origins and development history plus commercial sources of Grendel rifles and ammunition. The Grendel is rapidly proving to be an excellent deer and medium game hunting cartridge. The handbook presents a quasi-analytic discussion of why. The handbook also discusses the SAAMI-specified 6.5 Grendel chamber as well as chambers Grendel factory ammunition is used in even though at slight variance with the standard. We also present a short tutorial about the AR-15 gas-operated mechanism. included handloading data from four significant commercial sources.

A resource with two hundred color photographs includes complete up-to-date information on new products, specifications, and prices for thousands of firearms and related equipment, and offers feature articles written by experts and comprehensive ballistics tables.

The #1 New York Times bestselling memoir of U.S. Navy Seal Chris Kyle, and the source for Clint Eastwood's blockbuster movie which was nominated for six academy awards, including best picture. From 1999 to 2009, U.S. Navy SEAL Chris Kyle recorded the most career sniper kills in United States military history. His fellow American warriors, whom he protected with deadly precision from rooftops and stealth positions during the Iraq War, called him "The Legend"; meanwhile, the enemy feared him so much they named him al-Shaitan ("the devil") and placed a bounty on his head. Kyle, who was tragically killed in 2013, writes honestly about the pain of war—including the deaths of two close SEAL teammates—and in moving first-person passages

throughout, his wife, Taya, speaks openly about the strains of war on their family, as well as on Chris. Gripping and unforgettable, Kyle's masterful account of his extraordinary battlefield experiences ranks as one of the great war memoirs of all time. Armed Defense for the New Gun Owner Firearms for Personal Protection provides the armed citizen with comprehensive information and education on critical aspects of practical personal-protection gun ownership and use, featuring: Solid, practical information on firearms, free of pseudo-tactical attitude. Technical information on various models of suitable personal protection firearms. How-to: choosing the right gun, becoming proficient, methods of carry, and more. Special section on Prepping, for those whose fears extend beyond dark parking lots. Achieve a solid, quiet competence with the help of the old-fashioned, practical, common sense approach you'll find in Firearms for Personal Protection.

A Year Older A Year Bolder 6th Birthday Gift Journal / Diary / Notebook is an IDEAL gift idea! It is 6 x 9 inches in size with 110 blank lined pages with a Floral theme for writing down thoughts, notes, ideas, or even sketching.

The entirely updated and revised Ammo & Ballistics 6 is now available and is better than ever! Ammo & Ballistics 6 contains data and illustrations on virtually every sporting cartridge sold in the USA. Besides clear and concise writing that clarifies the complexities of ballistic coefficients and energy versus momentum, this revised edition covers 200-plus calibers . . . from the .17 Mach 2 to the .700 Nitro Express. It contains information on rifle and handgun calibers, and it covers manufacturers, bullet weights, types, and construction. In addition, each caliber has an exact technical drawing with all dimensions and angles. There are over 3,000 tables with ballistic data for every caliber and every load for all commercially loaded hunting ammunition sold in the United States. Tables include velocity, energy, wind drift, bullet drop, and ballistic coefficients up to 1,000 yards. Manufacturers include A-Square, Aguila, ATK, Black Hills, CCI/Speer, Cor-Bon Bullet, Dakota Arms, Eley Ltd., Federal Cartridge, FIOCCHI, Hirtenberger, Hornady, Patria Lapua Oy, Lazzeroni, Kynoch (Kynamco Ltd.), MagTech, Norma, Nosler, Inc., PMC (Eldorado Cartridge Corp.), Remington, Dynamit (Nobel-RWS Inc.), Sellier and Bellot, Ultramax, Weatherby, and Winchester. If you want to know where you will be hitting at long distances, this is the book for you. This book is, quite literally, indispensable for the hunter or shooter.

The updated second edition of Handbook of Firearms and Ballistics includes recent developed analytical techniques and methodologies with a more comprehensive glossary, additional material, and new case studies. With a new chapter on the determination of bullet caliber via x-ray photography, this edition includes revised material on muzzle attachments, proof marks, non-toxic bullets, and gunshot residues. Essential reading for forensic scientists, firearms examiners, defense and prosecution practitioners, the judiciary, and police force, this book is also a helpful reference guide for undergraduate and graduate forensic science students.

This book investigates how national courts 'react' to disputes involving international organizations.

Deforestation. Desertification. Species extinction. Global warming. Growing threats to food and water. The driving issues of our times are the result of one huge problem: Us. As the population continues to grow, our problems will increase. And this means that every way we look at it, a planet of ten billion people is likely to be a nightmare. Stephen Emmott, a scientist whose lab is at the forefront of research into complex natural systems, sounds the alarm. TEN BILLION is a snapshot of our planet, and our species, approaching a crisis, and a stark analysis of where this leaves us. TEN BILLION is not another climate book. TEN BILLION is a book about us.

YOUR GO-TO GUIDE FOR GUNS, AMMO & GEAR Get the complete low-down on what's new in the shooting industry with Guns Illustrated 2011. Stuffed with photos and behind-the-scenes peeks at today's hottest guns and gear, Guns Illustrated 2011 is an economical guide to the latest and greatest guns, shooting supplies and accessories. Before you spend another dollar on guns or gear, arm yourself with the facts-with Guns Illustrated 2011! & break; IT'S ALL HERE!& break;& break; Reports from the Field& break; Handguns& break; Rifles& break; Shotguns& break; Ammo& break; Reloading Supplies& break; Optics& break; Airguns& break; Black Powder& break; Informative Articles on Special-Interest Guns & break; Ballistics Tables& break; Manufacturers Directory& break; And more

The rapid development of nanoscience enables a technology revolution that will soon impact virtually every facet of the water sector. Yet, there is still too little understanding of what nanoscience and nanotechnology is, what can it do and whether to fear it or not, even among the educated public as well as scientists and engineers from other disciplines. Despite the numerous books and textbooks available on the subject, there is a gap in the literature that bridges the space between the synthesis (conventional and more greener methods) and use (applications in the drinking water production, wastewater treatment and environmental remediation fields) of nanotechnology on the one hand and its potential environmental implications (fate and transport of nanomaterials, toxicity, Life Cycle Assessments) on the other. Nanotechnology for Water and Wastewater Treatment explores these topics with a broad-based multidisciplinary scope and can be used by engineers and scientists outside the field and by students at both undergraduate and post graduate level. Table of Contents Introduction: Nanotechnology for water and wastewater treatment: potential and limitation; Characteristics and properties of nanoparticles; Physical and chemical analysis of nanoparticles; Fate and transport of nanoparticles/nanomaterials, toxicity studies; Nanoparticles and bioremediation; Nanosorbents; Effective Phosphate Removal Using Ca-based Layered Double Hydroxide Materials; Mg(OH)₂ nanoadsorbent during Treating the Low Concentration of Cr; Nano catalysts; Visible-light doped titania for water purification: nitrogen and silver doping; Doping of Pd nanocatalysts for PCB removal; The use of bimetallic nanosystems to remove POPs from soils and sediments"; Nanomaterials for disinfection and microbial control; Microbial manufactured silver nanoparticles for water disinfection; Electrospun nanofibers for Point-of-Use Water Treatment; Nanomaterials to enhance filtration; Metallic and ceramic microreactors; Enzyme-Immobilized Nanofiltration Membrane To Mitigate Biofouling Based on Quorum Quenching; Biomimetic membranes for water filtration; Nano

sensors ; Functionalised graphene: a novel platform for biosensors; Lab-on-a-Chip Interferometric Biosensor Nanotechnology; Nanosensors for pathogens; Nanomanufacturing: Materials Design and Production; Green synthesis of nanoparticles and nanocatalysts; Plant-based nanoparticle manufacturing.

Through revised text, new photos, specialised illustrations, updated charts and additional information sidebars, *The Ultimate Sniper* once again thoroughly details the three great skill areas of sniping; marksmanship, fieldcraft and tactics.

Forensic Ballistics in Court: Interpretation and Presentation of Firearms Evidence is an accessible introduction to firearms and ballistics evidence and how this is analysed and presented as evidence in a court of law. The book approaches the subject in terms of the realities of case work, opening with a clear and illustrated explanation of the correct nomenclature for various weapon types and their parts. Ammunition is also extensively covered, again with annotated illustrations. Basic external and terminal ballistics, wounding capabilities are likewise covered to give an overview of the subject. A key aspect of the book covers the theory and philosophy behind striation matches and the associated statistics, how positive matches should be peer reviewed and the importance accreditation has on this subject. Gunshot residue formation and identification and the various methods used in its analysis are reviewed in depth. This includes a critical examination of the pros and cons of each type of examination and the evidential weight which can be applied to each method. Accessible and reader-friendly introduction to firearms and ballistics. Clarifies the limitations of firearms evidence. Extensive use of global case-studies throughout. Focus on the interpretation and assessment of the weight of firearms/ballistics evidence presented at court. Covers the importance of witness and accused statements and their interpretation in relation to the investigation under review. Includes coverage of gunshot residue collection, examination and interpretation and the potential for contamination of GSR samples. Includes numerous real life case studies that the author has dealt with over the past 45 years. Takes an applied approach to the subject.

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