

Canoecraft An Illustrated To Fine Woodstrip Construction

The Chestnut Canoe Company began in Fredericton, New Brunswick, in 1897 and its impact was unequaled on the development of recreational canoeing and the canoe itself. Photos and images from the famed catalogues illustrate this intriguing Maritime story.

The Strip building method was first introduced in the late '60s and has enjoyed an ever expanding following over the years. Little has changed in the basic method of construction; however, over the years new techniques and numerous refinements have been introduced, many of which you will find here. The one thing that has remained constant is that unquestionably, the popularity of strip built watercraft comes from the natural beauty of the wood they are made from. When coated with clear resin and fiberglass, the rich tones and colors of the cedar strips cry out to be touched and admired. The premise behind this book is that if you take your time, approach the project thoughtfully, and follow the guidance provided here, you will be able to successfully build a beautiful strip canoe breaking the bank. Anyone with a little determination and patience can build one of these craft.

When restoring a wood-canvas canoe, you don't work on it, you work with it. In This Old Canoe: How To Restore Your Wood-Canvas Canoe, Mike Elliott guides you through the process of bringing your classic heirloom back to life. He takes you step-by-step through all aspects of a canoe restoration from assessment to the finishing touches. Concise instructions clearly illustrated, provide the passport you need to embark on this unique adventure.

Explains how aerodynamic factors affect all aircraft in terms of lift, thrust, drag, in-air performance, stability, and control

The Old Town Canoe Company
Canoeecraft
Kayaks You Can Build
Fuselage Frame Boats
This Old Canoe
Building a Strip Canoe
Making a Ripple

The remarkable eighty-five-day journey of the first two women to canoe the 2,000-mile route from Minneapolis to Hudson Bay Unrelenting winds, carnivorous polar bears, snake nests, sweltering heat, and constant hunger. Paddling from Minneapolis to Hudson Bay, following the 2,000-mile route made famous by Eric Sevareid in his 1935 classic Canoeing with the Cree, Natalie Warren and Ann Raiho faced unexpected trials, some harrowing, some simply odd. But for the two friends—the first women to make this expedition—there was one timeless challenge: the occasional pitfalls that test character and friendship. Warren ’ s spellbinding account retraces the women ’ s journey from inspiration to Arctic waters, giving readers an insider view from the practicalities of planning a three-month canoe expedition to the successful accomplishment of the adventure of a lifetime. Along the route we meet the people who live and work on the waterways, including denizens of a resort who supply much-needed sustenance; a solitary resident in the wilderness who helps plug a leak; and the people of the Cree First Nation at Norway House, where the canoeists acquire a furry companion. Describing the tensions that erupt between the women (who at one point communicate with each other only by note) and the natural and human-made phenomena they encounter—from islands of trash to waterfalls and a wolf pack—Warren brings us into her experience, and we join these modern women (and their dog) as they recreate this historic trip, including the pleasures and perils, the sexism, the social and environmental implications, and the enduring wonder of the wilderness.

The definitive guide to building this classic watercraft. (SEE QUOTE.)

The first quick-and-easy composite construction method for canoes and kayaks This book is certain to appeal to any paddler with a DIY bent. Master craftsman Sam Rizzetta presents three attractive innovations: a new building method that makes Kevlar and carbon-fiber boats cheap and feasible for home builders; an ergonomically designed canoe that makes paddling easier and more comfortable; and a foam-flotation installation method that makes canoes and kayaks safe and unsinkable.

Now in paperback: A comprehensive history of North American canoe traditions. Includes contributions from eleven experts, photographs, maps and step-by-step photographs showing the building process.

Misadventures in Sawdust at Offerman Woodshop

Fine Woodstrip Kayak Construction

Gumption

A WoodenBoat Book

Canoe and Kayak Building the Light and Easy Way

An Illustrated Guide for Residential Construction

A Living Tradition

CanoeecraftAn Illustrated Guide to Fine Woodstrip ConstructionFirefly Books Limited

Using the Wee Lassie as an example, the author opens your eyes to the natural beauty around you. A practical and beautiful craft, this lightweight and strong double-paddle canoe will carry you to waterways that are inaccessible in most boats.

The bestselling step-by-step framing guide—updated and expanded to meet 2018 codes and standards Complete Book of Framing, Second Edition—Updated and Expanded is a comprehensive guide to rough carpentry and framing, written by an expert with over forty years of framing

experience. This book guides the reader through step-by-step framing instructions for floors, walls, roofs, door and window openings, and stairs. Hundreds of full-color illustrations and photos enable novice and professional framers to understand and master framing techniques. This Updated and Expanded Second Edition includes the framing techniques of the 2018 International Building Code (IBC), International Residential Code (IRC), and updated OSHA rules. It also includes new coverage of today's electric tools, wind and earthquake framing, medical and physiological factors of framing, and a revised safety chapter. Builders will find information on nailing patters, overall layout, engineered wood patterns, and green framing. In addition, the book offers readers tools and techniques for preparing for a job and managing a team. This Second Edition—Updated and Expanded: Includes hundreds of full-color illustrations depicting step-by-step framing techniques Offers guidance on today's electric tools and structural enhancements for natural disasters Features a revised chapter on safety to reflect the medical and physiological factors of framing Meets the framing techniques of the 2018 International Building Code (IBC), International Residential Code (IRC), and Occupational Safety and Health Administration (OSHA) standards Complete Book of Framing: An Illustrated Guide for Residential Construction, Second Edition—Updated and Expanded is an excellent resource for framers, carpenters, and contractors of all experience levels. Framer-friendly tips throughout the book show how to complete framing tasks efficiently and effectively.

Kevlar is a strong (40% stronger than fiberglass) material, perfect for building light-weight (35 pounds for a 17-foot canoe), fast, maintenance-free canoes. The only problem with Kevlar canoes is their cost--\$2,000 or more. With this book, the most inexperienced home builder can turn out a handsome canoe for an investment of about \$600 and a few weekends. The principal tools needed are a sharp pair of scissors and a \$5 hand plane--and the method is astonishingly easy and forgiving. Featured are designs for a stable family canoe, a solo canoe, and a wilderness tripper, any of which can be built right from this book.

How to Build Tough, Super-Safe Boats in Kevlar, Carbon, or Fiberglass

Indigenous Bai Yue and Their Oceanic Dispersal

Two Women, One Dog, Two Thousand Miles to the Arctic

The Strip-Built Sea Kayak: Three Rugged, Beautiful Boats You Can Build

Canoes

An Illustrated Guide to Public Speaking

Modern Construction Methods for Three Fast, Beautiful Boats

Now anyone can make their own, custom-built canoe guaranteed to draw raves on land and water alike. The Illustrated Guide to Wood Strip Canoe Building is a comprehensive, detailed guide to the process of constructing a high-quality wood strip canoe, written especially for the novice boat builder. Sheathed strip boat construction is becoming increasingly popular among both amateur and professional builders. This is a method of producing a light weight, strong, beautiful boat of the sleekest design using materials, tools, and techniques available to the recreational builder. This book offers complete coverage of the procedures and techniques of mold set-up, assembly of the wood strip hull, epoxy resin, and fiberglass application, finishing, and more. All phases of construction are extensively illustrated with color photos and line drawings. For each stage of the building process, a range of alternative methods is presented, enabling the builder to select those which will yield a craft customized to his or her own needs. Source lists for canoe plans, building materials, and tools are included. This book is dedicated to helping the backyard boat builder achieve professional quality results in creating a fine canoe to use and be proud of for years.

Provides information on the concepts and theories of public speaking along with a variety of real-life examples and visual explanations.

Although books on strip building canoes abound, this is among the first to adapt the technique to crafting attractive, functional kayaks. Using high-quality, computer-generated illustrations and photographs to explain key techniques, the book provides complete plans and measurements for three different kayaks: 1) A simple solo craft for beginners, 2) A high-performance solo kayak for intermediate paddlers, and 3) A tandem design for two paddlers. With its easy-to-follow guidance and instructions, The Strip-Built Sea Kayak makes top-notch kayaks accessible to budget-minded paddlers.

"After supervising the construction of more than 500 during his 30 years as an outdoor resources instructor in the school system of Skowhegan, Maine, Gil Gilpatrick shares his voice of experience through easy step-by-step instructions that will successfully guide both novice and accomplished woodworkers in the building of a sturdy, ready-to-use strip canoe. This revised and expanded second edition of Building a Strip Canoe includes plans and patterns for eight proven designs, most of which are Gil's original adaptations, and more than 100 photographs and illustrations. Also included are directions for making handwoven can seats and attractive, lightweight, stalwart paddles"---Page 4 of cover.

Featherweight Boatbuilding

Complete Book of Framing

Good Clean Fun

Building Outrigger Sailing Canoes

How to Restore Your Wood-Canvas Canoe

A Guide to Building Skin Kayaks and Canoes

Illustrated Guide to Wood Strip Canoe Building

The first European edition of Francis DK Ching ’ s classicvisual guide to the basics of building construction. For nearly four decades, the US publication BuildingConstruction Illustrated has offered an outstanding introduction tothe principles of building construction. This new European editionfocuses on the construction methods most commonly used in Europe,referring largely to UK Building Regulations overlaid with Britishand European, while applying Francis DK Ching ’ s clear graphicssignature style. It provides a coherent and essential primer,presenting all of the basic concepts underlying buildingconstruction and equipping readers with useful guidelines forapproaching any new materials or techniques they may encounter. European Building Construction Illustrated provides acomprehensive and lucid presentation of everything from foundationsand floor systems to finish work. Laying out the material andnstructural choices available, it provides a full understanding ofhow these choices affect a building ’ s form and dimensions.Complete with more than 1000 illustrations, the book moves througheach of the key stages of the design process, from site selectionto building components, mechanical systems and finishes. Illustrated throughout with clear and accurate drawings thateffectively communicate construction processes and materials Provides an overview of the mainstream construction methodsused in Europe Based around the UK regulatory framework, the book refers toEuropean level regulations where appropriate. References leading environmental assessment methods of BREEAMand LEED, while outlining the Passive House Standard Includes emerging construction methods driven by thesustainability agenda, such as structural insulated panels andinsulating concrete formwork Features a chapter dedicated to construction in the MiddleEast, focusing on the Gulf States

This open access book presents multidisciplinary research on the cultural history, ethnic connectivity, and oceanic transportation of the ancient Indigenous Bai Yue (百越) in the prehistoric maritime region of southeast China and southeast Asia. In this maritime Frontier of China, historical documents demonstrate the development of the “ barbarian ” Bai Yue and Island Yi (岛夷) and their cultural interaction with the northern Huaxia (华夏) in early Chinese civilization within the geopolitical order of the “ Central State-Four Peripheries Barbarians-Four Seas ”. Archaeological typologies of the prehistoric remains reveal a unique cultural tradition dominantly originating from the local Paleolithic age and continuing to early Neolithization across this border region. Further analysis of material culture from the Neolithic to the Early Iron Age proves the stability and resilience of the indigenous cultures even with the migratory expansion of Huaxia and Han (汉) from north to south. Ethnographical investigations of aboriginal heritage highlight their native cultural context, seafaring technology and navigation techniques, and their interaction with Austronesian and other foreign maritime ethnicities. In a word, this manuscript presents a new perspective on the unique cultural landscape of indigenous ethnicities in southeast China with thousands of years ’ stable tradition, a remarkable maritime orientation and overseas cultural hybridization in the coastal region of southeast China.

This book combines practical woodworking technique with practical canoe use experience... [It] covers every single aspect of canoe paddle building. -- Sawdust and Shavings Despite the growing interest in making paddles and canoes, it can be difficult to find reliable information on that craft -- except for this book. First published more than a decade ago and having sold 35,000 copies, Canoe Paddles: A Complete Guide to Making Your Own is the ultimate modern guide to the traditional craft for both the how-to beginner and the skilled woodworker. In Canoe Paddles: A Complete Guide to Making Your Own, longtime canoeist and woodworker Graham Warren provides detailed information and guidance to make a canoe paddle that will be used with confidence and cherished for generations. The book is thoroughly illustrated with photographs, line drawings and plans with measurements for: How to make a paddle having a single blade, a bent shaft, or double blades How to protect a paddle with oil or varnish What to look for when test-driving a paddle How to decorate a paddle How to care for and repair a paddle. The authors include an appreciation of the evolution of the paddle plus a special chapter by renowned canoe-building teacher David Gidmark which celebrates paddle-making in the native tradition.

"Ancient records of canoes are found from the Pacific Northwest to the coast of Maine, in Minnesota and Mexico, in the Southeast, and across the Caribbean. And if a native of those distant times might encounter a canoe of our day, whether birch bark or dugout or a modern marvel made of carbon fiber, its silhouette would be instantly recognizable. This is the story of that singular American artifact, so little changed over time: of canoes, old and new, the people who made them, and the labors and adventures they shared. With features of technology, industry, art, and survival, the canoe carries us deep into the natural and cultural history of North America. "--

Cutting and Gluing, Strong, Straight, and Clean Scarf Joints in Plywood and Lumber

An Illustrated Guide to Plywood Construction

An Illustrated Guide to Korean Culture

The Prehistoric Maritime Frontier of Southeast China

Canoe Paddles

The Story of the Chestnut Canoe

How to Build a Beautiful, Lightweight Cedar Strip Canoe

Scarfing Basics is the latest 'how-to' book by boat builder, Russell Brown, since publishing Epoxy Basics in 2013. These books do not come into being casually. Every photo requires a good subject and what presented itself in the shop this summer was scarfing. There are often 'how to scarf' questions online and a wide range of opinions shared that can sometimes cause more confusion than real help. The builder is still left to pick and choose how to proceed. For Russell Brown, strong, clean, and accurate are the words of the day. This book describes the methods of the author in direct concise language and large color photographs. While there may be more ways to scarf plywood and lumber, this book is a great place to start and/or perfect your scarfing skills. Amateur and professional woodworkers alike will find a lot of good information and tips in this book for Cutting and Gluing, Strong, Straight, and Clean Scarf Joints in Plywood and Lumber, including making your own jigs for table

saw and router.

A girl and her dog set out in their canoe one morning, only to be joined by a series of animals, large and small. Reprint.

The most comprehensive book ever written on canoeing technique... essential guide for recreational paddlers is packed with information. -- Bushwacker's Wilderness Journal 09/2003.

An illustrated guide to wooden boat construction using WEST SYSTEM epoxy by pioneers in the field of wood/epoxy composite construction. Subjects include Fundamentals of Wood/Epoxy Composite Construction, Core Boatbuilding Techniques, First Production Steps, Hull Construction Methods, and Interior and Deck Construction.

The Illustrated Guide to Aerodynamics

The Canoe

The Essence and the Art : Sailpower for Antique and Traditional Canoes

One Man's Fundamentals for Delicious Living

An Illustrated Guide to Fine Woodstrip Construction

The Gougeon Brothers on Boat Construction

Full-Sized Plans and Instructions for Eight Easy-to-Build, Field-Tested Canoes

The first comprehensive book on stripbuilding almost any type of small boat Strip-planking is a popular method of amateur boat construction, but until now there has never been a book that showed how to use it for more than one type of boat. Author Nick Schade presents complete plans for three boats of different types (canoe, kayak, and a dinghy) and shows you step-by-step how to build them. Written for all amateur builders, the book covers materials, tools, and safety issues.

The definitive handbook for kayak builders. Kayaks are growing in popularity as a fun, low-impact way to explore the wilderness or paddle on local waters. Combining easy-to-follow instructions with 472 color photographs, Kayaks You Can Build takes the reader, step-by-step, through the entire construction cycle of building a plywood kayak. This simple construction process demands neither special skills nor a woodworking shop. This book includes: A short history of the kayak How to choose the right kayak for your needs and skill level Setting up your work area and how to build a work table and cradle forms Details of all the necessary tools, materials and supplies Tricks of the trade from ensuring the boat stays twist-free during construction to laying fiberglass cloth the easy way for a great finish Minimizing exposure to toxic fumes and dust How to avoid and correct mistakes. This book includes day-to-day building journals for the three most popular kayak kits. A typical stitch and glue kayak kit contains pre-cut plywood planks, epoxy and hardware. Drawing on more than thirty years of boatbuilding and teaching experience, Kayaks You Can Build enables the first-time builder to assemble a kayak with truly professional results.

After two New York Times bestsellers, Nick Offerman—woodworker, actor, comedian, and co-host of NBC’s crafting competition series Making It—returns with the subject for which he’s known best—his incredible real-life woodshop. Nestled among the glitz and glitter of Tinseltown is a testament to American elbow grease and an honest-to-god hard day’s work: Offerman Woodshop. Captained by hirsute woodworker, actor, comedian, and writer Nick Offerman, the shop produces not only fine handcrafted furniture, but also fun stuff—kazoos, baseball bats, ukuleles, mustache combs, even cedar-strip canoes. Now Nick and his ragtag crew of champions want to share their experience of working at the Woodshop, tell you all about their passion for the discipline of woodworking, and teach you how to make a handful of their most popular projects along the way. This book takes readers behind the scenes of the woodshop, both inspiring and teaching them to make their own projects and besotting them with the infectious spirit behind the shop and its complement of dusty wood-elves. In these pages you will find a variety of projects for every skill level, with personal, easy-to-follow instructions by the OWS woodworkers themselves; and, what’s more, this tutelage is augmented by mouth-watering color photos (Nick calls it "wood porn"). You will also find writings by Nick, offering recipes for both comestibles and mirth, humorous essays, odes to his own woodworking heroes, insights into the ethos of woodworking in modern America, and other assorted tomfoolery. Whether you’ve been working in your own shop for years, or if holding this stack of compressed wood pulp is as close as you’ve ever come to milling lumber, or even if you just love Nick Offerman’s brand of bucolic yet worldly wisdom, you’ll find Good Clean Fun full of useful, illuminating, and entertaining information.

Embedded computer systems literally surround us: they’re in our cell phones, PDAs, cars, TVs, refrigerators, heating systems, and more. In fact, embedded systems are one of the most rapidly growing segments of the computer industry today.Along with the growing list of devices for which embedded computer systems are appropriate, interest is growing among programmers, hobbyists, and engineers of all types in how to design and build devices of their own. Furthermore, the knowledge offered by this book into the fundamentals of these computer systems can benefit anyone who has to evaluate and apply the systems.The second edition of Designing Embedded Hardware has been updated to include information on the latest generation of processors and microcontrollers, including the new MAXQ processor. If you’re new to this and don’t know what a MAXQ is, don’t worry--the book spells out the basics of embedded design for beginners while providing material useful for advanced systems designers.Designing Embedded Hardware steers a course between those books dedicated to writing code for particular microprocessors, and those that stress the philosophy of embedded system design without providing any practical information. Having designed 40 embedded computer systems of his own, author John Catsoulis brings a wealth of real-world experience to show readers how to design and create entirely new embedded devices and computerized gadgets, as well as how to customize and extend off-the-shelf systems.Loaded with real examples, this book also provides a roadmap to the pitfalls and traps to avoid. Designing Embedded Hardware includes: The theory and practice of embedded systems Understanding schematics and data sheets Powering an embedded system Producing and debugging an embedded system Processors such as the PIC, Atmel AVR, and Motorola 68000-series Digital Signal Processing (DSP) architectures Protocols (SPI and I2C) used to add peripherals RS-232C, RS-422, infrared communication, and USB CAN and Ethernet networking Pulse Width Monitoring and motor control If you want to build your own embedded system, or tweak an existing one, this invaluable book gives you the understanding and practical skills you need.

Hudson Bay Bound

Kayakcraft

Paddle Your Own Canoe

Building Your Kevlar Canoe

150 Years of Canadian Canoe Building

A Natural History in North America

Reighting the Torch of Freedom with America’s Gutsiest Troublemakers

The Old Town Canoe Company has a rich and diverse history now spanning a century, and its story is told here in rich and colorful detail, from the earliest wood-and-canvas canoes to today's sleek polymer models. Wonderful illustrations and motifs have been selected from a hundred years of Old Town Canoe Company catalogs, along with stunning photographs, past and present, of Old Town's canoes, launches, runabouts, dinghies, sailboats, kayaks, and more.

How Much Do You Think You Know about Korea? Get a glimpse of the many faces of Korea in illustration form Kimchi, K-pop, taekwondo, Samsung—the images that most people get when they think of Korea don’t stray much beyond the usual ones. But there are so many more fascinating sides to Korea. A cultural anthropologist with over 20 years of personal experience in Korea, author Benjamin Joinau introduces readers to the various faces of Korea outside those that Koreans typically like to present, guided by Elodie Dornand de Rouville’s refreshingly original and detailed illustrations—Korean society through the eyes of two foreigners. Grab a copy and let’s take a look at the real faces of Korea, past and present.

Build the fastest, most exotic sailboats around! Popular in Hawaii and throughout the South Pacific and Indian Oceans, outrigger canoes combine the romance of the South Seas with a ruthless efficiency of design and breathtaking sailing performance. This is the first book to present complete plans and building instructions for three outrigger sailing canoes. Based on traditional Hawaiian and Micronesian types, the designs are lightweight, easy to build, and screamingly fast. Author Gary Dierking shows you how to build these boats using stitch-and-glue and strip-planking construction, explains what tools and materials are required, how to rig and equip the boats, and more.

Includes directions for building eight different canoes plus a helpful list of resources for lumber, tools, etc. 100+ photographs & illustrations.

Designing Embedded Hardware

Scarling Basics

Design Patterns for Great Software

European Building Construction Illustrated

Our First Hundred Years

Create New Computers and Devices

Wood and West System Materials

Parks and Recreation actor and Making It co-host Nick Offerman shares his humorous fulminations on life, manliness, meat, and much more in this New York Times bestseller. Growing a perfect moustache, grilling red meat, wooing a woman—who better to deliver this tutelage than the always charming, always manly Nick Offerman, best known as Parks and Recreation’s Ron Swanson? Combining his trademark comic voice and very real expertise in woodworking—he runs his own woodshop—Paddle Your Own Canoe features tales from Offerman’s childhood in small-town Minooka, Illinois—“I grew up literally in the middle of a cornfield”—to his theater days in Chicago, beginnings as a carpenter/actor and the hilarious and magnificent seduction of his now-wife Megan Mullally. It also offers hard-bitten battle strategies in the arenas of manliness, love, style, religion, woodworking, and outdoor recreation, among many other savory entrees. A mix of amusing anecdotes, opinionated lessons and rants, sprinkled with offbeat gaiety, Paddle Your Own Canoe will not only tickle readers pink but may also rouse them to put down their smart phones, study a few sycamore leaves, and maybe even hand craft (and paddle) their own canoes.

In pursuit of a craft for fishing and exploring the secluded lakes and streams of Northern Minnesota, the author has created Ripple; a sturdy, stable, comfortable and attractive canoe that can be built from four 16' 2x4s, fiberglass fabric and epoxy resin. If a cedar strip canoe is outside of your time, temperament, and price range, you may find the planked construction method described in this book to be an option well worth considering. Besides including the complete plans and step by step instructions, the author goes a step further and details the construction of a trailer and hitch system for pulling the canoe behind a bicycle. For about \$300 and 2-3 hours per day, for a total of about 40 hours, those with basic woodworking and fiberglassing skills can create this canoe and trailer, and perhaps soon find themselves making another one. L.O.A. 14'3," beam 36," rocker 2," beam at 2" waterline 30," bow height 16," weight 56-60 pounds

Interested in developing embedded systems? Since they don’t tolerate inefficiency, these systems require a disciplined approach to programming. This easy-to-read guide helps you cultivate a host of good development practices, based on classic software design patterns and new patterns unique to embedded programming. Learn how to build system architecture for processors, not operating systems, and discover specific techniques for dealing with hardware difficulties and manufacturing requirements. Written by an expert who’s created embedded systems ranging from urban surveillance and DNA scanners to children’s toys, this book is ideal for intermediate and experienced programmers, no matter what platform you use. Optimize your system to reduce cost and increase performance Develop an architecture that makes your software robust in resource-constrained environments Explore sensors, motors, and other I/O devices Do more with less: reduce RAM consumption, code space, processor cycles, and power consumption Learn how to update embedded code directly in the processor Discover how to implement complex mathematics on small processors Understand what interviewers look for when you apply for an embedded systems job "Making Embedded Systems is the book for a C programmer who wants to enter the fun (and lucrative) world of embedded systems. It’s very well written—entertaining, even—and filled with clear illustrations.” —Jack Ganssle, author and embedded system expert.

Back in print: A revised second edition of a classic how-to book on canoe building. The new edition is updated to include advances in glues and techniques since the original was published, as well as five new canoe plans, builder tips and paddle carving.

Making Embedded Systems

Strip Built Canoe

Building Strip-Planked Boats

A Complete Guide to Making Your Own

A Foolproof Method and Three Foolproof Designs

A Harrowsmith Illustrated Guide to Fine Woodstrip Construction

KayakCraft is the culmination of years of teaching, boatbuilding, and writing experience. Book jacket.

NOW WITH METRIC OFFSETS! Tired of struggling with that heavy plastic kayak? Are you looking for a lightweight boat but not willing to take out a second mortgage to buy it? What if I told you that you could build a boat weighting less than 35 lbs for \$300 to \$500? You can and in my new book I will show you how. This style was very popular in the 1950's and 1960's and many boat plans appeared in magazines such as Popular Mechanics and Popular Science. Even though it is no longer fashionable in the magazines, the fuselage style of construction is still probably the most cost effective way to build a small boat. Recently I have seen a renewed interest in this type of boat construction. People are rediscovering the advantages of Fuselage style Skin Boats. Fuselage frames boats cost very little to build. A sheet of marine plywood, a lightweight wood such as cedar for the stringers, a few yards of a synthetic fabric for the skin and something to waterproof the skin. Materials for a basic 17' kayak cost around \$300. Adding a seat, deck rigging and adjustable footrest would add another \$100 to \$150 dollars depending on your preferences. For somewhere around \$400 you can build a high performance, 30-35 lbs boat. A composite construction canoe or kayak of similar weight would cost thousands of dollars. This book will walk you through the process of building your own Skin on Frame canoe or kayak. I start by addressing the space needed to build a boat as well as tools needed. There is a detailed section on laying out the frames from a table of offsets. Progressing to how to assemble the frame, skinning the boat and through all the steps to preparing your boat for launching. Included are offsets for three of my boat designs. The StoneFly canoe, Curlew, a 15' Sea Kayak and new sea kayak design Pouco Barta.

First paperback printing includes "Bonus chapter."

Whether you are considering a new set of sails for your small yacht, thinking about a leeboard or just want ideas on how to steer a boat, this book contains all the information you need to make sails, build spars, leeboards or centreboards all backed up with measurements.

The 2x4 Canoe

One-Dog Canoe

Building the Maine Guide Canoe

Speak Up

Canoe Rig

Sketches of Korea