

# Illustrated Sail & Rig Tuning (Illustrated Nautical Manuals)



## Synopsis

A beautifully, uniquely illustrated nautical guide to how to trim your sails and rig for maximum performance. With a revolutionary approach, this guide tackles the practical and realistic elements of tuning your boat, plus the theory of sail aerodynamics.

## Book Information

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## Customer Reviews

"This book is different – I recommend this little book to everyone - whether expert or novice you'll find something." (Sailing Today)"Filled to the brim with every scrap of information that both novice and experienced sailor will welcome as a 'must have' addition to their bookshelves." (Multihull World)"Every keelboat sailor should have a copy of this book." (Danish Sailing Association)"Simply outstanding." (Sailrite)"I will urge anyone who takes their sailing seriously to buy a copy." (Cruising Magazine)"The best we've seen." (Good Old Boat Magazine)"This is a great book to have to get the most out of your sailboat, no matter what the size." (TrailerSailor)"Very thorough." (Yachting Monthly)

**Book Description** The best-illustrated manual ever on tuning the sails and rigs of a yacht or small keelboat features 152 color diagrams and a brilliantly concise text. Separate sections offer a logical approach to the topics of trimming the genoa and mainsail, trimming spinnakers and gennakers, and setting up masts.

I feel I am a pretty solid weekend sailor, but I have never understood the finer points of tuning. I never knew how to wring the last bit of power from my rig. This is a concise, and INCREDIBLY well-illustrated, manual. You can read it in 20 mins, then pull it out next time you are underway and start tweaking. I have never found any manual, sailing or otherwise, that has better diagrams. Well done.

My rig tuning and sail setting bible. I made the mistake of showing this to my closest competitor in our local racing series and I'm sure I will live to regret it. Very clear and concise - it lives in the bag with my tensiometer - Loos Cableware PT-3 Tension Gauge for 9/32", 5/16" and 3/8" Cable Diameter, 4500 Lbs. Maximum Measurement - for easy access.

This book does a really great job of explaining how sails work and the importance and basic goals of sail trim and proper sail shape. It is an excellent visual reference for what is happening aboard a sailboat when various trimming devices are used, and how they are to be used... travellers, fairleads, downhaul/cunningham, halyard tension, outhaul, sheet tension, etc. The principles explored in this guide apply to every sailing vessel afloat, and would certainly be an excellent guide or reference for any sailor trying to understand how to trim his or her sails, why certain trim devices are used and what they do, or explain to newcomers the how's and why's of sail trim. The book covers many important and fundamental concepts, such as the forces at work while sailing (lift drag, thrust and heel), the points of sail, apparent wind, twist off, sail depth and draft position, trimming for different wind conditions, weather helm & lee helm, slot effect, reefing, genoa/jib/main rigging and trimming, spinnaker rigging and trimming, spinnaker jibes, mast rake, rig tensions, etc. etc. It is a very comprehensive and fairly detailed guide to sail shape, sail rigging and trimming, and sailing as a whole. There is a lot of information provided in a few number of pages, and I think that even more advanced skippers and crew would see it's value as a handy reference or review, while all others are sure to find the book very informative! The information is presented in a very clear and concise manner, but the book is much more than just a beginners guide!

I really like this little book. I've read a lot on sail trim and most of the guides spend way to much time explaining the physics of lift, but very little time explaining how to apply the science to different conditions. This guide has practical sail trim guidance that I will use every time I sail. The book is not well structured, but the content makes up for the strange structure. I'd recommend for new and

intermediate sailers, and definitely a good guide for someone working through ASA certification. The ASA course material is weak on sail trim, and this is the best explanation I've found so far.

Must have reference for novices and experts. I bought this book after a sailing instructor once gave me a few (illegally) photocopied pages about spinnekar handling from this book.

Practical, step by step manual with very good illustrations. Use it to study or a reference book when you trim your sails and rigging. Especially rigging is something often overlooked. Just go around a marina and see/feel for yourself. There is at least a knot of speed hidden in your rigging. Also you don't want to get the mast on your head. Do check in the mast before you start, toggles and spreaders must be in good shape. Don't overtension. Highly recommended. I must have bought more than a fair number because I keep giving them away to people who see and like it. Having sailed my whole life ([...]) doesn't mean that I have all this in my head or that I do know the why of the intuitive trimming of the sails. This book always gives me something to try out on my own or other people's boats. You will be surprised how you can improve even an old sail by systematically using the steps in this book.

Fantastic book, exactly what I was looking for. It's short (only 80 pages) but cover all the useful material in an in-depth way. What I really like about this book is that it doesn't just tell you what to do, but the reason you're doing it. I learn't alot of things about the physics of boats that I wasn't aware of, and I really liked the details on center of effort, center of lateral resistance, where weather-helm / lee-helm come from (it's a turning moment caused by the interaction of CE and CLR), and how the upwash of the main causes a tighter angle of incidence on the jib. Great details on trimming, the trade-offs between angle of incidence vs. power and how to set draft depth and position properly. Great for people who want to know in depth details on how and why boats work and how to get the most out of them. Not really for absolute beginners, but I assume you're not considering this book if you don't know what a traveller is. Overall thoroughly recommended!

Illustrations are definitely a way to go.

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