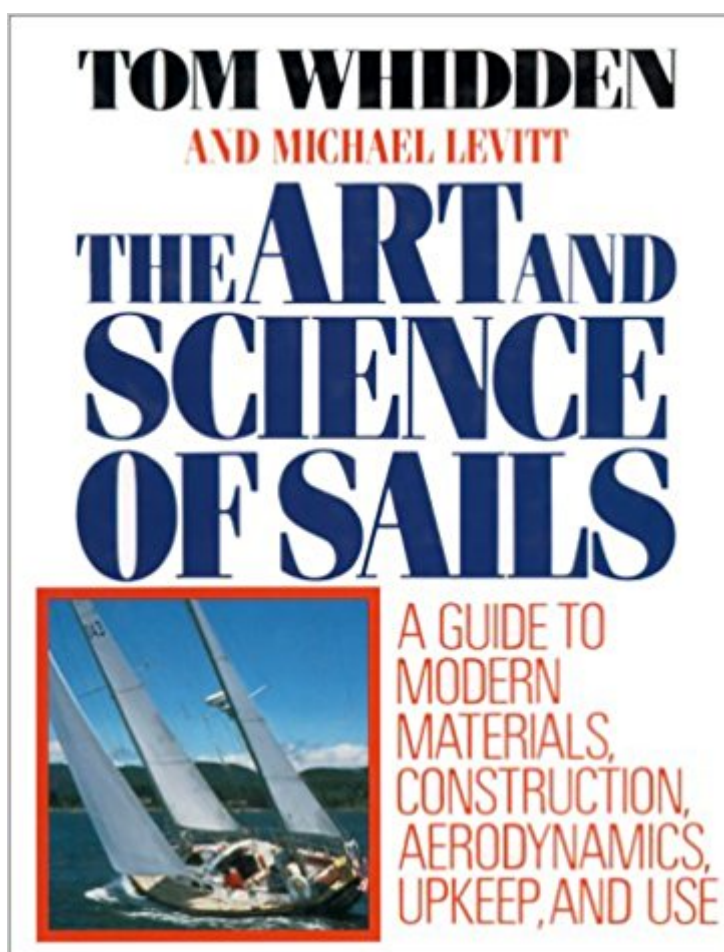


The book was found

# The Art And Science Of Sails: A Guide To Modern Materials, Construction, Aerodynamics, Upkeep, And Use



## Synopsis

A fresh, readable guide for sail cruisers and racers! Tom Whidden discusses the latest materials and rigging methods for sailboats and shows the consumer how to choose between different cloths and designs, plus the construction and trim of sails, as well as the upkeep of a proper sail inventory.

## Book Information

Hardcover: 371 pages

Publisher: St. Martin's Press; 1st edition (July 1990)

Language: English

ISBN-10: 0312044178

ISBN-13: 978-0312044176

Product Dimensions: 9.3 x 7.3 x 1.1 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.7 out of 5 stars 13 customer reviews

Best Sellers Rank: #1,298,342 in Books (See Top 100 in Books) #101 in [Books > Engineering & Transportation > Engineering > Aerospace > Aerodynamics](#) #1285 in [Books > Sports & Outdoors > Outdoor Recreation > Sailing](#) #1814 in [Books > Engineering & Transportation > Transportation > Ships](#)

## Customer Reviews

For anyone in the process of ordering a new genoa jib, this book is both timely and informative. Whidden, president of North Sails, has provided a readable volume which starts with sail material and concludes with the care thereof. In between, there is much valuable information regarding such matters as design and development, sail and rigging trim, and choice of inventory for various sailing interests. While the book is aimed at the specialist, the style is clear enough for most sailors. Highly recommended for all libraries with a literate sailing clientele. Dolphin Book Club Selection; first serial, Sailing . -- Robert E. Greenfield, formerly with Baltimore Cty. P.L. Copyright 1990 Reed Business Information, Inc.

"The book is gracefully written and deserves to be a classic..."--Sailing World magazine."I've known Tom Whidden for quite a while since he crewed for me on the 12-Metre Nefertiti. He has always been a student of the technical and business aspects of sailmaking. Whidden has a common-sense approach gained from hands-on ocean racing experience."--Ted Hood, the late sailmaker, yacht designer, boat-builder, marina developer, winning America's Cup skipper,

Yachtsman of the Year, author and industry leader. Whidden and Levitt know as much about sails as anybody alive, and they show it in this book. I wish I'd had it to read during my 150-days around alone in American Promise." --The late Dodge Morgan, who in 1986 was the first American to sail solo around the world nonstop--in 150 days, cutting the prior world record of 292 days nearly in half."I'm sure the book will become must reading for anyone who is genuinely interested in knowing why sails work the way they do."--Charles Mason, former executive editor of Sail magazine.

A lot of us sailors will read this and believe all or most of it, or not, and not be able to repeat it, much less explain it, a month later. For example, why exactly is an alleged sticky layer of air against a sail, a tiny tiny layer, essential for making a sailboat go? And what about the nearly theological argument around whether a sail pushes or pulls a boat? True believers have had fist fights over that one (really), and experienced sailmakers may not take sides. The short review? Read this book and keep it in your cabin. It will entertain the esoteric part of your mind and make your guests feel safe with you.

If you are searching for a book that explains almost all aspects of sail shape and performance to date, in an ever-changing and developing science of design, then this may be about the best available. If you are not inclined to get too technical, you can still get a lot of information from this publication via its drawings, graphs and photographs. An excellent book.

Can't stop Reading. Great explanation of how sails and foils Works together with some highlights on the story of the two most important man in sailmaking.

I purchased this book as a text book for ideas on improving sailing speed. Found to be very informative. Whether it works I'll need some time out on the race course. Encouraging.start though.

A great book - Stick with it through the more technical and deep sections. Well worth a second reading to absorb all it has to offer.

Great advanced book on all aspects of sail trim. Pity it's now out of print. It's largely based, I believe, on Arvel Gentry's novel aerodynamic theories about sails, see [...]

An excellent and informative book, compulsory reading and essential acquisition to a yachtsmans library.RBF

Some good information but the authors also pass on some very bad information, and are way off base when talking about spinnaker trim. Sailmakers are always trying to be the main source of information about sails and sailing. Historically, they have passed on a lot of bad information, some of which is in this book..

[Download to continue reading...](#)

The Art and Science of Sails: A Guide to Modern Materials, Construction, Aerodynamics, Upkeep, and Use  
Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes)  
Composite Construction for Homebuilt Aircraft: The Basic Handbook of Composite Aircraft Aerodynamics, Construction, Maintenance and Repair Plus, How-To and Design Information  
Foundations of Aerodynamics: Bases of Aerodynamics Design  
The Art and Science of Sails  
Black & Decker The Complete Guide: Maintain Your Pool & Spa: Repair & Upkeep Made Easy (Black & Decker Complete Guide)  
Golf Course Upkeep - A Practical Guide  
Modern Essentials Bundle 6th - Modern Essentials 6th Edition  
a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card  
Modern Construction: Roofs (Modern Construction Series)  
Auto Upkeep: Basic Car Care, Maintenance, and Repair  
Native Texas Gardens: Maximum Beauty Minimum Upkeep  
Construction Contract Dispute and Claim Handbook, Introduction, and Division 01: A Primer on the Nature of Construction Contract Disputes for Attorneys, ... (Construction Contract Dispute Handbook)  
2016 National Construction Estimator (National Construction Estimator) (National Construction Estimator (W/CD))  
Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3)  
The Working Guide to Traditional Small-Boat Sails: A How-to Handbook for Builders and Owners  
Sail Power: The Complete Guide to Sails and Sail Handling  
Maximum Sail Power: The Complete Guide to Sails, Sail Technology, and Performance  
Basic Construction Materials (8th Edition) (Pearson Construction Technology)  
Cartier sails the St. Lawrence  
Red Sails to Capri (Puffin Newberry Library)

Contact Us

DMCA

[Privacy](#)

[FAQ & Help](#)