



## CATALINA 22 TECHNICAL ARTICLE GUIDE

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The **Technical Article Guide** will help you find over 600 published Catalina 22 tech articles and tips in MainBrace, Mainsheet, Technical Manual, or in the website in the Catalina 22 University, Owner's Manual & Parts Catalog, Catalina 22 Racing, Catalina Tuning & Sail Trim Guide, or Buyer's Guide sections of the Association website.

Topic	Article Title	MainBrace or Mainsheet		Tech Manual & Updates	Website Catalina 22 University	Website Owner's Manual, Parts Catalog	Website Catalina 22 Racing	Website Tuning & Sail Trim	Website Buyer's Guide
		Month	Year	Year					
Buying	Bought an Old Boat Lately? Here's Some Suggestions	February March	1994 2019	2006					
Buying	Catalina 22 Brochures - all four models								X
Buying	Catalina 22 Buying Guide			2019					X
Buying	Model Review - Catalina 22			2017					X
Buying	Model Review - Catalina 22 Mk-II	November	2015	2017					X
Buying	Model Review - Catalina 22 New Design			2017					X
Buying	Model Review - Catalina 22 Sport			2017					X
Buying	Model Review - More Catalina 22 New Design			2017					X
Buying	New Design: 30 Years Later	July	2015						X
Buying	Practical Sailor Review of Catalina 22								X
Buying	Selecting the Right Boat	March	2019						
Buying	Surveying a Catalina 22	May March	1994 2019	2006					
Buying	Top 10 Critical Items to Check			2019					
Cabin	A New Galley for Windwalker	July	2001	2006					
Cabin	A Really Cool Catalina 22 MK-II Cooler Upgrade	January	2018	2019	X				
Cabin	A Spring Project			2014					
Cabin	Adding a Second Battery	March	2014	2014					
Cabin	Building a Battery Box	Summer	2020						
Cabin	C22 Mk-II Cabin Table Modification			2014					
Cabin	C22 Mk-II Stereo Installation			2014					
Cabin	Cabin Storage, Privacy, and a Microwave Oven	August	1992	2006					
Cabin	Chart Drawer	May	2004	2006					
Cabin	Chartbook Bulkhead Rack			2006	X				
Cabin	Cooler - Simple and Cheap Cooler Upgrade	March	2017	2019					
Cabin	Cruising In Comfort			2014					
Cabin	Curtain Rods	November	1990	2006					
Cabin	Curtains for a C22	February	1987	2006					
Cabin	Cushions: And Sew It Goes	Winter	2019		X				
Cabin	Dinette Table Leg Replacement	November	1998	2006					
Cabin	Dual Battery Set-Up in a Mk-II			2014					
Cabin	Factory Alteration: Locking Device			2006					
Cabin	Floating Bulkheads	February	1991	2006					
Cabin	Galley & Cooler			2006					
Cabin	Galley Blue Prints by Catalina Yachts			2006					
Cabin	Galley Shelves in a New Style C22			2006	X				
Cabin	Galley Unit	Summer	1981	2006					
Cabin	Hanging Storage Pockets			2006					
Cabin	Has Your Poti Turned into a Pumpkin			2014					
Cabin	Hatch Board Storage	May	1988	2006					
Cabin	Hatch Gaskets			2006					
Cabin	Installing a Built-In Ice Chest	Summer	1982	2006					
Cabin	Installing a Radio/Cassette Player/Speaker System			2014					

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Cabin	Mk-II Compression Post Repair	March	2016	2014					
Cabin	More Gaskets			2006					
Cabin	Never Sail with the Pop-Top Up			2006					
Cabin	New Cushion Covers for your Catalina 22	July	1998	2006					
Cabin	New Design: Forward Hatch Replacement	Spring	2020						
Cabin	Organizer Shelf for a New Style	March	2004	2006					
Cabin	Poor Boy's Bar-B-Q	Fall	1982	2006					
Cabin	Pop-Top Dogs			2006					
Cabin	Pop-Top Options	January	2001	2006					
Cabin	Pop-Top Props	February	1991	2006					
Cabin	Pop-Top Safety Modification			2006					
Cabin	Preventing Mildew			2017					
Cabin	Reducing Mold, Mildew and Eliminating Odors			2019					
Cabin	Replacement Bed for V-Berth			2014					
Cabin	Replacing the Factory Foredeck Hatch on the Mk-II	January	2014	2014					
Cabin	Replacing the Factory Foredeck Hatch on the Mk-II Update	May	2014	2014					
Cabin	Roll-Up Curtains			2006					
Cabin	Sink Hose Alteration			2006					
Cabin	Space Gainer			2006					
Cabin	Starboard Drawers	Spring	1983	2006					
Cabin	Storage Lid Prop			2006	X				
Cabin	Storage on a New Style	August	1995	2006					
Cabin	Super Bed	April	1986	2006					
Cabin	Table and Companionway Step Modification for MK-II	Summer	2020						
Cabin	Table Bulkhead Mounting Brackets			2006					
Cabin	Table Edge Addition			2006					
Cabin	Table Modification for More Space	November	2004	2006					
Cabin	Tilting Table	Fall	1985	2006					
Cabin	V-Berth - Convoluted Foam			2019					
Cabin	V-Berth Conversion			2014					
Cabin	Window Cleaning	Spring 2021		2017					
Cockpit	Beanie Top for the Catalina 22			2014					
Cockpit	Beverage Holder			2006	X				
Cockpit	Bimini	January	2004	2006					
Cockpit	Blue Tarp Shade Cover	September	2004	2006					
Cockpit	Boarding Ladder	Spring	1984	2006					
Cockpit	Boarding Ladder Treads	May	2003	2006					
Cockpit	Boat to Small? Add a Room!	Spring	1985	2006					
Cockpit	Build Your Own Bimini			2006					
Cockpit	Cockpit Drains	August	1989	2006					
Cockpit	Cockpit Table	July	2004	2006					
Cockpit	Companion Way Cover	February	1989	2006					
Cockpit	Continuous Line Traveler			2019					
Cockpit	Depth Sounder Board			2006					
Cockpit	Dodger Addition	Winter	1985	2006					
Cockpit	Dodger for New Design	May	2017	2019					
Cockpit	Easy to Make Sun Awning	September	1985	2006					
Cockpit	Economical Accessory Swing Mount	January	2017	2019					
Cockpit	Everything You Wanted to Know About Winches			2006					
Cockpit	Hatch Covers	March	2003	2006					
Cockpit	How to Make a Sun Shade	May	1999	2006					
Cockpit	Improving Your Cockpit Drainage	July	2014	2017					
Cockpit	Keeping Dry on Robijo with a Boom Tent	August	1988	2006					
Cockpit	Make a Sun Shade	November	1988	2006					

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		Month	Year	Year					
Cockpit	My Wonderful Pup-Tent			2019					
Cockpit	No Holes Tiller Tamer Mounting - MK-II and Sport			2019					
Cockpit	Port Cockpit Seat Storage			2006					
Cockpit	Port Storage Compartment Access			2006					
Cockpit	Portable On-Deck Navigation Station			2006					
Cockpit	Screeching! Mk-II Cockpit Locker Hatch	January	2016	2017					
Cockpit	Screen Door	June	1986	2006					
Cockpit	Seat Hasps			2006					
Cockpit	Servicing Lewmar Winches	January	2016	2017					
Cockpit	Servicing Your Lewmar Winches	April	1986	2006					
Cockpit	Side Sun Curtains	January	2004	2006					
Cockpit	Sliding Hatch Cover	September	2006	2006					
Cockpit	Sun Screening Side Curtains	September	2005	2006					
Cockpit	The Auto-Pilot: My First Mate			2019					
Cockpit	The Bilge Pump Debate			2019					
Cockpit	The Cajun Hike-Out Stick			2014					
Cockpit	The Hatch Caddy			2014					
Cockpit	The Irwin Cockpit Service Table	Summer	2021						
Cockpit	Tiller Cockpit Table	May	1998	2006					
Cockpit	Versatile Table			2014					
Cruising	A Cruising Tip: Salad In A Jar			2014					
Cruising	Anchor Bag			2006					
Cruising	Anchoring				X				
Cruising	Cheap and Easy Solar Panels	September	2015	2017	X				
Cruising	Cruising and Anchoring	June	1986	2006					
Cruising	Cruising and Cooking			2014					
Cruising	Cruising Equipment List				X				
Cruising	Cruising Tips	August	1995	2006					
Cruising	Easier Anchoring - No More Tangles and Knots	January	2004	2006					
Cruising	Fender Hanger	March	2005	2006					
Cruising	Learning to Use a Compass	Summer	1983	2006					
Cruising	Looking Good is Half the Battle			2014					
Cruising	More About Anchoring			2006					
Cruising	Planning a Cruise				X				
Cruising	So I Married a Sailor: Cruising in Comfort from a Ladies Perspective	Summer	2021						
Cruising	So I Married a Sailor: Finding Order Onboard	Fall	2021						
Cruising	So I Married a Sailor: Galley Gal to the Rescue	Winter	2021						
Cruising	Swim Platform Addition / Modification	Summer	2020						
Cruising	Tips from the Northern Gulf Coast Cruise			2014					
Cruising	Where do you Stow Stuff on a Catalina 22?				X				
Cruising	Where Items Are Located				X				
Deck	Hatch Styles			2006					
Deck	Life Lines and Stern Pulpits			2006					
Deck	Midsheet Cleats	May	2004	2006					
Deck	Stern Rails and Lifelines	Fall	1985	2006					
Electrical	Adding an Anchor Light	March	1998	2006					
Electrical	Antenna Cable	February	1993	2006					
Electrical	Battery Tie Down	Fall	1985	2006					
Electrical	Depth Sounder	July	2003	2006					
Electrical	Depth Sounder Swing Arm			2006					
Electrical	Electrical Panel			2014					
Electrical	Hanging Light	May	2005	2006					
Electrical	Lightning	January	1999	2006					
Electrical	Lightning Protection	March	1999	2006					

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Electrical	Lightning Protection Standards			2006					
Electrical	Mounting a Depth Sounder Transducer in Silicone			2006					
Electrical	Moving the Switches			2006					
Electrical	Relocate the Switches			2006					
Electrical	Solar Charger	May	1998	2006					
Electrical	Sound System	August	1989	2006					
Electrical	Stereo Sound System	March	2004	2006					
Electrical	Switch Panel Cover			2006					
Electrical	Switch Panel Wiring Diagram			2006					
Electrical	Toggle Switch Cover			2006					
Electrical	VHF Antenna	August	1989	2006					
Electrical	Volt Meter	November	1989	2006					
Electrical	Wiring Diagram (1987)			2006					
Electrical	Wiring Diagram (1997)			2006					
General	Additional Mods	May	1987	2006					
General	Analysis of Catalina 22 Hull Characteristics				X	X			
General	Applying Cetol as Varnish			2019					
General	Beam of Destiny for a Catalina 22	March	2018	2019					
General	Boating Projects for the Catalina 22	January	2000						
General	Butyl Tape: Advantages and Disadvantages			2019					
General	C22 1996 Weights								
General	C22 2008 Weights								
General	Catalina 22 Keel Options			2017					
General	Catalina 22 New Design - The Prettiest Girl at the Marina	July	2015						
General	Catalina 22 Parts Catalog, Measurements & Drawings					X			
General	Catalina 22 Production Milestones			2017					
General	Catalina 22 Value Estimation Tool			2017					X
General	Dock Bumpers			2014					
General	Fleet 21 Manual: Spring Safety Checklist			2006					
General	Foam Flotation for a Catalina 22	March	2018	2019					
General	General handbook					X			
General	Lift That Tail of the Boat			2014					
General	Making a Boat Cover for Year Round Use			2014					
General	Man Overboard				X				
General	Notes from a Single-Handed Sailor	November	1986	2006					
General	Onboard Wi-Fi			2019					
General	Owner's Manual - Catalina 22 (1977)					X			
General	Owner's Manual - Catalina 22 MK-II					X			
General	Owner's Manual - Catalina 22 New Design (1987)					X			
General	Owner's Manual - Catalina 22 Sport					X			
General	Rubrails	March	2016	2019					
General	Stumped on Spots	Winter	1985	2006					
General	Swing Keel vs Fin Keel vs Wing Keel vs Capri Fin Keel	Spring	2021						
General	Two More Uses for Bungees	March	2016						
General	Under Cover with the Sailor's Tailor	December	2018		X				
General	Useful Items on My Boat			2014					
General	Winter Storage Preparation			2017					
General	Winterizing a Northern Plans C-22	February	1998	2006					
General	You Can Never Have Too Much Duct Tape			2014					
Hull	Bottom Cleaning Hints			2006					
Hull	How to Read Hull Number Identification (HIN)	January	2018	2019	X				
Hull	Stress Cracks			2006					
Hull	Thru-Hull Scuppers	May	2017	2019					
Hull	What's Behind the Rub Rail	March	2016	2017					

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Keel	Everything You Wanted to Know About Your Swing Keel		1982	2006					
Keel	First Person Experiences in Refinishing Swing Keels			2006					
Keel	How To Sink A Catalina 22			2006					
Keel	Keel & Leakage Problems			2006					
Keel	Keel and Keel Bolts			2014					
Keel	Keel Bolts	November	1989	2006					
Keel	Keel Cable Replacement	November	2016	2017	X				
Keel	Keel Hanger Bolt Repair			2017					
Keel	Keel Hanger Bolts			2006					
Keel	Keel Laminate Cracking			2006					
Keel	Keel Pin Wear	May	1990	2014					
Keel	Keel Pins and Spacers	September	1988	2006					
Keel	Keel Winch	November	1986	2006					
Keel	Keel Winch Woes	Spring	2020						
Keel	Keel Wobble Repair			2006					
Keel	Keeping Your Catalina 22 From Sinking			2006					
Keel	Maintaining Your Keel	Summer	1982	2006					
Keel	Modifications	Fall	1983	2006					
Keel	Real Keel Fix - Spacers	November	1987	2006					
Keel	Refinishing with Epoxy			2006					
Keel	Reminder: Check the Swing Keel Pivot Pin	Fall	2021						
Keel	Reminder: Check Those Keel Bolts	Fall	2021						
Keel	Removing and Refinishing Your Keel	August	1991	2006					
Keel	Removing Your Keel Single-Handedly			2014					
Keel	Replacing A Swing Keel Pin	February	1993	2006					
Keel	Replacing the Keel Hanger Bolt Fitting			2014					
Keel	Sport and MK-II Swing Keel Connection	Winter	2019						
Keel	Swing Keel Lock Down Bolt			2006	X				
Keel	Swing Keel Maintenance	May	1988	2006					
Keel	Swing Keel Not Down	March	2016						
Keel	Swing Keel Refinishing Update	November	2015		X				
Keel	Swing Keel Refurbishing and Fairing	July	2017	2017					
Keel	Swing Keel Swing	Spring	1983	2006					
Keel	That "Bonking" Sound			2006					
Keel	Weldment Replacement	January	2016	2017	X				
Keel	When the Keel Cable Breaks			2006					
Keel	Why Your Lockdown Bolt Won't Save You in a Knock Down	November	2015						
Keel	Winch	Summer	1983	2006					
Maintenance	Cabin Roof Repair	November	1996	2006					
Maintenance	Gelcoat Maintenance - Part 1			2014					
Maintenance	Gelcoat Maintenance - Part 2			2014					
Maintenance	Hatch Cover Repair			2014					
Maintenance	Just Flip My Boat			2014					
Maintenance	Non-Skid Restoration			2006					
Maintenance	Old Boat - Canvas			2019	X				
Maintenance	Old Boat - Chainplates	January	2018	2019	X				
Maintenance	Old Boat - Keels			2019	X				
Maintenance	Old Boat - Leaks	May	2017	2019	X				
Maintenance	Old Boat - Mast Style & Upgrades	January	2018	2019	X				
Maintenance	Old Boat - Rudders			2019	X				
Maintenance	Old Boat - Surveying the Boat			2019	X				
Maintenance	Old Boat - The War on Leaks Continues			2019	X				
Maintenance	Recommended Maintenance Schedule and Inspection			2006					

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		Month	Year	Year					
Maintenance	Sea Dog Bulkhead Repairs	September	2006	2006					
Maintenance	Swing Keel Removal				X				
Maintenance	Window Replacement				X				
Maintenance	Windows: Removal and Resealing			2019					
Mast	A Wife-Husband Mast Raising Technique	May	2017	2019					
Mast	Mary Ella Rosa's Mast Raising System	May	2017	2019					
Mast	Mast Gates	Spring	2020		X				
Mast	Mast Raising System				X				
Mast	Mk-II and Sport Factory Mast Raising System	May	2017	2019					
Mast	Steve Hock - The Nuts and Bolts Behind The System	May	2017	2019					
Mast	Steve Hock's Mast Raising/Lowering System	May	2017	2019					
Mast	Universal Catalina 22 Mast Raising System Part 1	May	2017	2019					
Mast	Universal Catalina 22 Mast Raising System Part 2	July	2017	2019					
Mast	A Tale of Two Masts	January	2001	2006					
Mast	Building and Using a Gin Pole	March	2006	2006					
Mast	Factory Alteration: Mast Section			2006					
Mast	Fixing Mast Base Damage	July	2015	2017	X				
Mast	Mast Diagram			2006					
Mast	Mast Raising	February	1989	2006					
Mast	Mast Raising and Lowering	May	1992	2006					
Mast	Mast Stepping Aid			2006					
Mast	Masthead Diagram			2006					
Mast	Mk-II Mast Raising	November	2015	2017					
Mast	New Coat on an Old Stick			2014					
Mast	Raise and Lower Your Mast by Yourself	January	1998	2006					
Mast	Raising A C22 Mast	August	1995	2006					
Mast	Stepping the Mast	August	1995	2006					
Mast	Tips on Care and Replacement of a Catalina 22 Mast	Winter	2019	2006					
Motor	Alternator Installation on for Tohatsu, Nissan and Mercury	July	2015	2017	X				
Motor	Check Your Sheer Pin			2006					
Motor	Easy Motoring			2014					
Motor	Favorite Outboard			2006					
Motor	Gas Tank Safety			2006					
Motor	Hour Meter / Digital Tach Installation			2019					
Motor	Installing the Garhauer Outboard Motor Bracket			2006					
Motor	Leaded Gas	Winter	1985	2006					
Motor	Motor Bracket Pad Replacement	January	2017	2019	X				
Motor	Motor Gear Shift			2019					
Motor	Motor Maintenance	January	2001	2006					
Motor	Motor Mount Alternative			2017					
Motor	Motor Pad Replacement			2019					
Motor	Outboard Corner Turner			2006					
Motor	Outboard Gasoline			2006					
Motor	Outboard Motor Carrier	January	2004	2006					
Motor	Outboard Motor Running Rough	September	2017	2019	X				
Motor	Outboard Motor Storage Tips	Winter	2020						
Motor	Outboard Shift Lever	March	2005	2006					
Motor	Propane Outboard Motors	September	2018		X				
Motor	Rebuilding the Water Pump on an Outboard Motor			2014					
Motor	Recommended Motor Size			2019					
Motor	Recommended Outboard Motor Brands			2019					
Motor	Recommended Outboard Motor Size	Spring	2020		X				
Motor	Review - Honda 2.3 Outboard	September	2018		X				
Motor	Tip: An Ounce of Water...In The Wrong Place	March	2014	2014					

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Motor	Tips to Prevent Mast Failure	Fall	2020		X				
Motor	Tohatsu Friction Lock Fix	July	2016	2017					
Motor	Tohatsu SailPro 6 Engine Flush			2019					
Motor	Troubleshooting Carburetors on Late Model 4-Stroke			2014					
Motor	Water Pump Impeller Replacement			2006					
Motor	What's In Your Outboard Motor Tool Box?	Winter	2019		X				
Motor	Which is Better ... Honda 5 or Tohatsu 6?			2019					
Motor	Your Frenemy / Your Outboard	March	2015	2017	X				
Racing	Boat Speed	November	1989	2006					
Racing	BUC-EE, Catalina 22 Racing Notes	June	2019	2019			X		
Racing	C22 Spinnaker Fundamentals						X		
Racing	Catalina 22 Class Rules - Hiking						X		
Racing	Crew Positions			2006					
Racing	Crew Training	January	2004	2006					
Racing	Crew Training Basics	Summer	1981	2006					
Racing	Designing Race Strategy	November	1992	2006					
Racing	Downwind	November	1990	2006					
Racing	Fight for Clear Air	August	1989	2006					
Racing	Free Speed	February	1992	2006					
Racing	Getting Measured Q&A			2019					
Racing	Getting the Start	November	1987	2006					
Racing	How To Be A Winner	August	1992	2006					
Racing	How to Make an Old Boat a Race Boat			2014					
Racing	How to Start Racing Without Hardly Knowing Anything	Spring	1984	2006					
Racing	Improving Performance for Club Racing	July	2014	2019			X		
Racing	Keep It Moving	Summer	1977	2006					
Racing	Let's Go Racing: Learning the Racing Rules of Sailing	September	2017	2019					
Racing	More Winning with Fundamentals			2006					
Racing	Planning a Successful Regatta	January	2018	2019			X		
Racing	Practice Almost Makes Perfect			2006					
Racing	Race Management Tools	March	2015				X		
Racing	Racing 101 for Beginners	July	1999	2006					
Racing	Racing Every Minute of the Race	Summer	1977	2006					
Racing	Racing on a Windward / Leeward Course - Part 1	September	2000	2006					
Racing	Racing on a Windward / Leeward Course - Part 2	November	2000	2006					
Racing	Racing on a Windward / Leeward Course - Part 3	January	2001	2006					
Racing	Racing on a Windward / Leeward Course - Part 4	March	2001	2006					
Racing	Racing on a Windward / Leeward Course - Part 5	July	2001	2006					
Racing	Racing the First Windward Leg	August	1990	2006					
Racing	Racing the Nationals in a Winged Keel 22	November	1991	2006					
Racing	Racing the Wing Keel	May	1990	2006					
Racing	Reaching - To the Jibe and Leeward Marks	May	1990	2006					
Racing	Reefing During the Race	February	1996	2006					
Racing	Safety & Maintenance			2006					
Racing	Sail Trim	February	1990	2006					
Racing	Sailboat Racing Fundamentals - Crewing	February	1993	2006					
Racing	Sailboat Racing Skills - Starting Tactics	August	1991	2006					
Racing	Sailing Downwind Fast	Winter	2020						
Racing	Sailing the Upwind Leg	August	1987	2006					
Racing	Silver or Gold Fleet			2019					
Racing	Steering	August	1993	2006					
Racing	The Committee Meeting and Instruction	November	1991	2006					
Racing	The Final Leg	February	1991	2006					

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Racing	The Leading Edge #1 - Sailing in Clean Air						X		
Racing	The Leading Edge #10 - Committee Meeting and Instruction						X		
Racing	The Leading Edge #2 - How To Begin Sailboat Racing for Fun and Personal						X		
Racing	The Leading Edge #3 - Upwind to the Windward Mark						X		
Racing	The Leading Edge #4 - Reaching to the Jib and Leeward Marks						X		
Racing	The Leading Edge #5 - Upwind the Second Time						X		
Racing	The Leading Edge #6 - Downwind						X		
Racing	The Leading Edge #7 - The Final Leg						X		
Racing	The Leading Edge #8 - Just Do It						X		
Racing	The Leading Edge #9 - Starting Tactics						X		
Racing	Tuning Guide by North Sails							X	
Racing	Tuning Guide for Catalina 22 New Design Wing Keel	January	2018	2019			X	X	
Racing	Upwind - The Second Time	August	1990	2006					
Racing	Upwind - To the Weather Mark	February	1990	2006					
Racing	Using a Compass	November	1993	2006					
Racing	Whisker Pole Technique			2019					
Racing	Winning One Step at a Time	February	1987	2006					
Racing	Winning with Fundamentals by Hal & Sally Smith	Summer	1981	2006			X		
Racing	You Against the Race Course	August	1994	2006					
Racing	How To Improve Your Racing						X		
Rigging	30 Cent Cotter Rings			2017					
Rigging	A Jib Downhaul for Single-Handed Sailing			2006					
Rigging	Adding a Cunningham			2006					
Rigging	Alternative Traveler Using Stern Pulpit			2006					
Rigging	Backstay Adjuster and Traveler Line Controls	March	2004	2006					
Rigging	Backstay Adjusters			2006					
Rigging	Barney Post vs. Head-Knocker	Winter	2020						
Rigging	Boat Improvements	November	1990	2006					
Rigging	Boom Mounted Mainsheet Cleat	February	1992	2006					
Rigging	C-22 Spinnaker Fundamentals	November	2002	2006					
Rigging	Catalina 22 Outhaul	August	1994	2006					
Rigging	Catalina 22 Rigging & Sail Measurements	June	2019	2019					
Rigging	Catalina 22 Rigging Measurements			2017					
Rigging	Catalina 22 Tuning for the 1998 Nationals	September	1998	2006					
Rigging	Chain plate Eyebolts	Summer	1983	2006					
Rigging	Clean Up Those Lines	August	1985	2006					
Rigging	Cruising Spinnaker	March	2004	2006					
Rigging	Cunningham			2017					
Rigging	Do Lazy Jacks Work	May	1988	2006					
Rigging	Eyebolt Installation			2006					
Rigging	Forestay Follies	January	2014	2014					
Rigging	Genoa Cunningham			2006					
Rigging	Geoff's Catalina 22 Primer	February	1992	2006					
Rigging	Go Fast Gadgetry Barney Post and Backstay Adjuster	May	1992	2006					
Rigging	Going Darkside (Cruising to Racing)			2014					
Rigging	Harken Cruising Furler: The Alternative	March	2015	2017	X				
Rigging	Head Sail Soft Shackle	September	2005	2006					
Rigging	How to Set-up a Trailered Catalina 22 for Sailing	August	1991	2006					
Rigging	Inboard Tracks	November	2001	2006					
Rigging	Installing a Boom-Kicker	January	2015	2006					
Rigging	Installing and "Potting" Side Stay Eye Bolts	May	2015	2014					
Rigging	Internal Halyards Using Exit Slots	July	2002	2006					
Rigging	It Just Works: Main Sail Controls			2019					
Rigging	Jib Booms	Summer	1982	2006					



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Rigging	Jib Downhaul	March	2004	2006					
Rigging	Jib Sheet Pig Line			2006					
Rigging	Jib Sheet Splice	May	1988	2006					
Rigging	Jiffy Jibe - Ho!			2006					
Rigging	Jiffy Reefing for the Cruiser and the Racer			2006					
Rigging	Johnson Who?			2014					
Rigging	Keeping the Mainsheet Out of the Tiller			2017					
Rigging	Leading Halyards to the Cockpit	May	1987	2006					
Rigging	Lowering the Boom			2014					
Rigging	Mainsail Jack-Line	Summer	1983	2006					
Rigging	Mainsail Reefing	August	1996	2006					
Rigging	Make Your Own Lazy Jacks			2006					
Rigging	Mast Pre-Bend			2006					
Rigging	Mast Rake			2006					
Rigging	Mast Tuning			2006					
Rigging	New Traveler Design			2006					
Rigging	North Sails Catalina 22 Tuning Guide	November	1986	2006				X	
Rigging	North Sails Southwest C22 Tuning Guide			2006					
Rigging	Organizing a Catalina 22 Rigging Seminar			2014					
Rigging	Parrell Beads	January	2004	2006					
Rigging	Position of Chain-Plate Eyebolts	May	2017	2019					
Rigging	PVC Tubes for Shrouds			2017					
Rigging	Race Rigging for Cruising			2014					
Rigging	Raising Jib Tack			2019					
Rigging	Raising the Jib Tack			2019					
Rigging	Rebuilding a Mariner Roller Furling System	March	2017	2019					
Rigging	Reefing the Headsail	August	1989	2006					
Rigging	Reefing, Boom Vangs, and Jacklines	Winter	1984	2006					
Rigging	Reinforcing the Headstay	Summer	1982	2006					
Rigging	Rigging	Summer	1983	2006					
Rigging	Rigging for Spinnaker	November	2002	2006					
Rigging	Rigging Ideas for the New Boat Owner	August	1990	2006					
Rigging	Rigging Maintenance	Fall	1983	2006					
Rigging	Rigging Tension	July	1998	2006					
Rigging	Rigging the Boat for a Symmetrical Spinnaker			2006					
Rigging	Rigid Boom Vang	November	1993	2006					
Rigging	Sail Track Stops			2019					
Rigging	Shroud Eye Bolts			2006					
Rigging	Six Pack Project			2014					
Rigging	Six Part Backstay Adjuster	February	1990	2006					
Rigging	Sleep Easy Flying a Riding Sail			2014					
Rigging	Some Projects to Make Your Rigging Easier			2014					
Rigging	Spinnaker Controls	August	1987	2006					
Rigging	Split Backstay	November	1998	2006					
Rigging	Split Backstay	November	2001	2006					
Rigging	Standing and Running Rigging Measurements			2017	X				
Rigging	Standing Rigging for the Cruiser	January	2014	2014					
Rigging	Stem head Fitting and Replacement Techniques	May	1987	2006					
Rigging	Symmetrical Spinnaker Launch and Take Down	November	2002	2006					
Rigging	The Barney Post	August	1990	2006					
Rigging	The KISS Principle			2014					
Rigging	The Mechanics of Backstay Tension, Mast Rake and Pre-Bend			2019					
Rigging	Time Saving Rigging Tips			2019					
Rigging	Tip: Standing Rigging	November	2014	2017					

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Rigging	Tip: Turnbuckle "T" Saver	November	2014	2017					
Rigging	Tuning Guide by North Sails with Comments by Pete Harper							X	
Rigging	Tuning Guide by Pete Harper							X	
Rigging	Tuning Your C22 Mast			2006					
Rigging	Tuning Your Mast	Fall	1982	2006					
Rigging	Tuning Your Standing Rigging for Maximum Performance	November	1989	2006					
Rigging	Turning Your Halyards Outside In	May	1990	2006					
Rigging	Un-Stepping a Mast			2014					
Rigging	Watch Your Wire	November	1991	2006					
Rigging	What I Think Makes the "Tar Baby" Work	September	2001	2006					
Rigging	Whisker Pole Storage	May	2004	2006					
Rigging	Whisker Pole Technique	March	2016	2019					
Rigging	Factory Alteration: Lower Shrouds			2006					
Rigging	Improving the Integrity of the Standing Rigging	November	2000	2006					
Rigging	Rigging Hints: Factory Suggestions			2006					
Rigging	Tuning Tips			2006					
Rudder	3/8" Gudgeons on the New Design	July	2015	2019					
Rudder	Anatomy of a Catalina 22 Kick-up Rudder			2014					
Rudder	Balanced Rudder	May	2005	2006					
Rudder	Broken Rudder Repair	November	2004	2006					
Rudder	Course Holding Device			2006					
Rudder	Home Made Self Steering			2014					
Rudder	Kick-up Rudder			2006					
Rudder	Kick-up Rudder Hold Down Tang Repair			2006					
Rudder	Kick-up Rudder Repair			2006					
Rudder	New Design Gudgeon Alert			2017					
Rudder	Oh My Broken Rudder			2014					
Rudder	Problem with Kick-up Rudder?	Fall	1982	2006					
Rudder	Quick Release Tiller Pin	November	2005	2006					
Rudder	Review of the New Class-Approved Rudder	Fall	2020		X				
Rudder	Rudder & Tiller Enhancements			2017					
Rudder	Rudder and Tiller				X				
Rudder	Rudder Pintle Clip			2006					
Rudder	Rudder Repair	March	2001	2006					
Rudder	Rudder Safety Line	November	2005	2006					
Rudder	Rudder Styles	January	1999	2006					
Rudder	Rudder-Craft Catalina 22 Rudders	March	2015	2017	X				
Rudder	Steering System Makes Driving Much More Enjoyable	August	1989	2006					
Rudder	The Bionic Rudder			2014					
Rudder	The C22 Rudder Assembly			2014					
Rudder	The Self-Correcting Rudder			2014					
Rudder	Tiller Tamer			2006					
Sails	A Visual Guide to Sail Measurement			2017			X		
Sails	All About Sails	May	1993	2006					
Sails	Catalina 22 Logo vs Catalina 22 Capri Logo			2019					
Sails	Catalina 22 Sail Trim Guide			2019				X	
Sails	Getting the Most Out of Your Genoa	Spring	1982	2006					
Sails	How Flat to Sail It			2006					
Sails	Mainsail Trim - The Basics	May	1994	2006					
Sails	Riding Sail	May	2003	2006					
Sails	Roll Up Your Sails	January	2004	2006					
Sails	Sail It Flat			2006					
Sails	Sail Protection			2017					
Sails	Sail Trim - Jib and Genoa			2006					

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Sails	Sail Twist is Important	Winter	1983	2006					
Sails	Seeing the Wind	May	1992	2006					
Sails	Step by Step with the Spinnaker	November	2002	2006					
Sails	Tacking in Style	Winter	1983	2006					
Sails	Telltails	May	2003	2006					
Sails	Telltails	November	1989	2006					
Sails	Telltails - Main, Genoa & Jib	January	2018	2019					
Sails	Telltails Tell All						X	X	
Sails	The Official Catalina 22 Insignia	Winter	2019				X		
Sails	Tips on Heavy Weather Sailing	August	1998	2006					
Sails	Understanding Telltales			2019				X	
Sails	What Does 110%, 135% and 150% Really Mean	January	2018						
Sails	What's That? A Spinnaker on a C-22?	Winter	2021	2019					
Sails	Why Doesn't She Feel Right?	Spring	1980	2006					
Sails	Why Doesn't She Feel Right?	Summer	1982	2006					
Sport	Adjustable Backstay: Running It Forward			2019					
Sport	Capri or Sport?				X				
Sport	Catalina 22 Sport Review	January	2016						
Sport	Catalina 22 Sport Tuning Guide			2014				X	
Sport	Single Point Lifting	Spring 2021		2019					
Sport	Sizing a Bimini for a Sport	September	2014	2017					
Sport	Sport - Modifications Part 1 and Part 2				X				
Sport	Sport - Running Halyards Aft to Cockpit			2019					
Sport	Sport Custom Cover								
Sport	Sport Talk - Inside the 2018 Sport	September	2017	2019					
Sport	Teak Shelves and Hatch Boards	July	2015	2017					
Sport	Up Close and Personal with the Newest Catalina 22 Sport			2017					
Sport	Upgrading the Gudgeons on a Catalina 22 Sport	March	2016	2019					
Trailing	Alt Mast Support for Long Distance Trailing with Lights	Winter	2020						
Trailing	Alternative Mast Support for Long Distance Trailing	Winter	2020						
Trailing	Applying Bottom Paint with the Catalina 22 on the Trailer	Fall	2021						
Trailing	Avoiding Gelcoat Damage When Trailing			2019	X				
Trailing	Bearing Maintenance			2006					
Trailing	Boat Center Guides			2006					
Trailing	Boat Guide for Catalina 22 Trailer	May	1988	2006					
Trailing	Boat Hoist	January	2004	2006					
Trailing	Boat Trailers Can Present Problems			2014					
Trailing	Buddy Bearings, Friend or Foe	January	2005	2014					
Trailing	Buying a Trailer			2006					
Trailing	Cable Ties for Trailing	January	2004	2006					
Trailing	Can Your Automatic Transmission Handle Towing?	Spring	1983	2006					
Trailing	Catalina 22 Boat Hoist			2014					
Trailing	Catalina 22 Preparation for Trailing	May	1995	2006					
Trailing	Catalina 22 Single Point Lifting			2019					
Trailing	Catalina 22 Swing Keel Trailer Measurements			2019					
Trailing	Converting a Single Axle Trail Rite Trailer to Double Axles	September	1999	2014					
Trailing	Disc or Drum Brakes	May	2017	2019					
Trailing	Don't Forget to Check It (Boat US)				X				
Trailing	Getting the Trailer Ready for the Long Haul			2014					
Trailing	Gorilla Lug Nut Telescoping Wrench			2019					
Trailing	How to Center the Keel on the Trailer			2014					
Trailing	How to Refurbish an Old Boat Trailer (Boat US)				X				
Trailing	Jon & Reid's Excellent Adventure	May	2003	2006					
Trailing	Keel Guide			2006					

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Trailing	Keel Guide for a Catalina 22			2014					
Trailing	Launching a Catalina 22 with a Crane			2019					
Trailing	LED Safety Flare	March	2016	2017					
Trailing	Lessons Learned the Hard Way	January	2004	2006					
Trailing	Long Distance Trailing	November	1990	2006					
Trailing	Mk-II Wing Keel Lifting Harness	November	2015	2017					
Trailing	More About Trailer Tongue Extension	Summer	1982	2006					
Trailing	Not Too Technical Tech Tips			2014					
Trailing	Painting a Catalina 22 on the Trailer	September	2018	2019	X				
Trailing	Painting and Jacking			2006					
Trailing	Preparing for Trailing	May	1989	2006					
Trailing	Preparing for Transport	January	2004	2006					
Trailing	Prep'n for Trailing	September	2016	2019					
Trailing	PVC Clad Keel Guide	January	2004	2006					
Trailing	Quiet Hitch and Gorilla Lug Nut Wrench			2019	X				
Trailing	Raising the Boat Off the Trailer	Winter	1983	2006					
Trailing	Rigging to Launch			2006					
Trailing	Road Warrior Worries			2014					
Trailing	Shhhh....Quiet Hitch	September	2017	2019					
Trailing	Spare Trailer Lights	September	2015	2017	X				
Trailing	Sticky Trailer Tongue Solution			2006					
Trailing	Strap'n for Trailing	September	2016	2017	X				
Trailing	Support Cradle	Winter	1985	2006					
Trailing	Surge Brake Vents	July	2002	2006					
Trailing	Take the Hassle Out of Trailing (Boat US)				X				
Trailing	Telescoping Trailer Mast Support	July	2003	2006					
Trailing	Trailer Bearings, Races, Seals and Capt Rebuild (eTrailer)				X				
Trailing	Trailer Boat Tool Kit (Boat US)				X				
Trailing	Trailer Bow Stop / Bow Eye Creep			2019					
Trailing	Trailer Brake Laws by State				X				
Trailing	Trailer Bunk Replacement			2006					
Trailing	Trailer Fish-Tailing				X				
Trailing	Trailer Guide On Makes Single-handed Launching Easier			2019					
Trailing	Trailer Improvement			2006					
Trailing	Trailer Launch Line	September	2003	2006					
Trailing	Trailer Lights Not Working Again	September	2017	2019					
Trailing	Trailer Maintenance	March	2015	2019					
Trailing	Trailer Post Guide-On	May	2017	2019					
Trailing	Trailer Rear Swivel Jack	January	2004	2006					
Trailing	Trailer Storage Tips			2019					
Trailing	Trailer Tire Recommendation Load Range "E"			2017					
Trailing	Trailer Tire Safety			2017					
Trailing	Trailer Tongue Platform			2006					
Trailing	Trailer Winch - What Size?	Winter	2019		X				
Trailing	Trailing				X				
Trailing	Trailing Tips				X				
Trailing	Understanding Trailer Wheel Bolt Size	January	2018	2019					
Trailing	Wheel Bearing Blues	January	2015	2017	X				
Trailing	Wheel Bearings			2006					
Trailing	Your Trailer Tires - Things to Know Before Your Go	May	2014	2019					

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<p align="center"><b>Important Notes:</b></p> <p align="center">To join the Catalina 22 National Sailing Association to purchase MainBrace archives and/or Technical Manual, go <a href="http://www.catalina22.org">http://www.catalina22.org</a> and select "Join Catalina 22 NSA"</p> <p align="center">Access to the <b>MainBrace</b> and <b>Mainsheet</b> DVD/Download requires additional purchase with paid membership.  Access to the <b>Technical Manual</b> requires additional purchase with paid membership.</p> <p align="center">Access to the <b>Catalina 22 University</b> articles, <b>Parts Catalog</b>, and the <b>Owner's Manual</b> requires paid membership only.  Access to <b>Catalina 22 Racing</b> and the <b>Tuning and Sail Trim Guides</b> section of website is public (membership not required).</p> <p align="center">With over 45 years of publications containing over 500 technical articles, new Catalina 22 owners will benefit greatly from purchasing the <b><i>Catalina 22 Technical Manual</i></b> which includes the 2006 edition and the 2014, 2017 and 2019 updates.</p> <p align="center">Suggestions and corrections may be sent to Rich Fox (Class Editor) via e-mail to <a href="mailto:c22mainbrace@yahoo.com">c22mainbrace@yahoo.com</a></p>									