

1987 CATALOG

# Mad River Canoe









# Lakes of Fun, Rivers of Adventure



Explore an exciting new world with the versatility of a Mad River Canoe! Experience wilderness waterways, share rewarding hours with family and friends, feel the exhilaration of whitewater or the peace of a lazy river's flow. We invite you to discover the world of canoesport.

We at Mad River are as serious in our play as in our work, given to taking extended canoe trips, competing in flatwater marathons, challenging whitewater rivers and fishing, hunting and day paddling with our families in the canoes that we build ourselves. In fact, it's because we're involved in so many aspects of canoeing that we understand the sense of freedom that every paddler needs.

That's why we're committed to building the world's strongest, easiest paddling canoes. Our designs, our materials and construction methods are the finest. We make no compromises on quality.

We build canoes for paddlers who, like ourselves, want the best boats that money can buy. So if you're ready to explore the exciting world of canoeing for the first time—or if you're already an experienced paddler ready for more—we've got a canoe for you. One that will fulfill your dreams like we've realized our own. Mad River Canoe: a reputation for excellence.

## CONTENTS

<b>ENGINEERED FOR EXCITEMENT</b> Designed and built for your paddling needs ..... Page 3	<b>THE SPECIALTY SERIES</b> Canoes to answer unique paddling needs ..... Page 9
<b>THE VERSATILE SERIES</b> Canoes for all around paddling ..... Page 5	<b>WHAT GOES INTO A MAD RIVER CANOE</b> Quality materials and craftsmanship ..... Page 11
<b>THE FOCUSED PERFORMANCE SERIES</b> Efficient canoes for designated uses ..... Page 7	<b>CANOESPORT ACCESSORIES</b> Outfit yourself ..... Page 13



# ENGINEERED FOR EXCITEMENT

**A**head of you—waiting in your future—are all the faces of water you'll encounter in your Mad River Canoe: glassy, clear water; strong, flowing water; white, aerated, foaming water; roiling, twisting, boulder-strewn water; easy-going, meandering water . . .

Before you shove off from the shore, it's important to understand how the different design features of your canoe shape its specific purposes. In other words, you want a canoe that fits your needs as precisely as you can define them.

## ELEMENTS OF CANOE DESIGN

Any canoe is a compromise that incorporates many design elements, each addressing a particular performance need. Varying these elements allows the designer to put more or less emphasis on speed or paddling efficiency or stability or maneuverability or cargo-carrying capacity.

That simple vessel, in fact, turns out to be quite a sophisticated combination of ingredients, and knowing them—and choosing well—will make your lifetime dream come true.

Canoes are displacement craft which travel through water, pushing it aside from the bow while allowing its replacement near the stern. The shape of the hull can

minimize the water's resistance making the canoe easier to paddle. The two basic dimension measurements, length and width, most affect a canoe's performance.

The length of a canoe governs its potential speed. Given two hulls of equal width, the longer canoe will be faster and easier to paddle, the shorter hull will be slower, but easier to turn. A wider hull, especially at the 4" waterline, will generally be more stable than a narrower hull. Length and width, combined with depth, determine the weight a canoe can carry and the size of the waves it can shed successfully.

Differences in hull shapes also greatly affect handling characteristics. Consideration of a canoe's keel-line shape, degree of symmetry, cross-sectional shape and above-waterline design all play a part in the way a canoe performs.

## HULL CONFIGURATIONS

### Keel Line

A canoe's keel line is the shape of the hull bottom running from bow to stern. A straight keel line has minimal curvature from end to end; it cuts easily through the water, maximizing waterline length to emphasize forward speed. Rocker is the curvature at the ends of the canoe's keel line, allowing it to pivot more easily because the ends lift out of the water. A straight

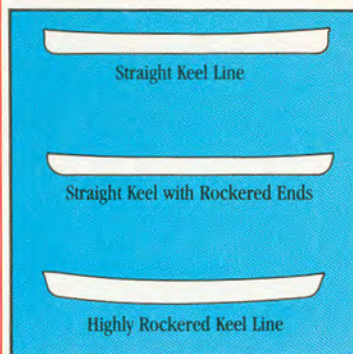


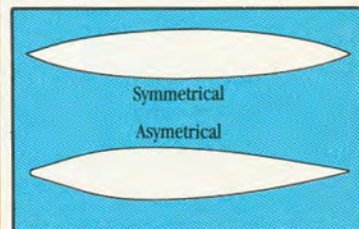
ILLUSTRATION OF KEEL LINE

keel line combined with moderate rocker in the ends makes for excellent turning ability and results in a superbly versatile canoe.

The design of a canoe hull, not the presence of a keel determines how well a canoe will track. Mad River canoes do not have external keels because an external keel is not an integral part of a smooth hull design. An external keel can get hung up on obstacles and cause capsizing; it's also subject to tremendous wear. Most Mad River designs have shallow V-shaped hulls to create good tracking ability. This, combined with varying amounts of rocker, also allows a canoe to maneuver adequately.

### Symmetry

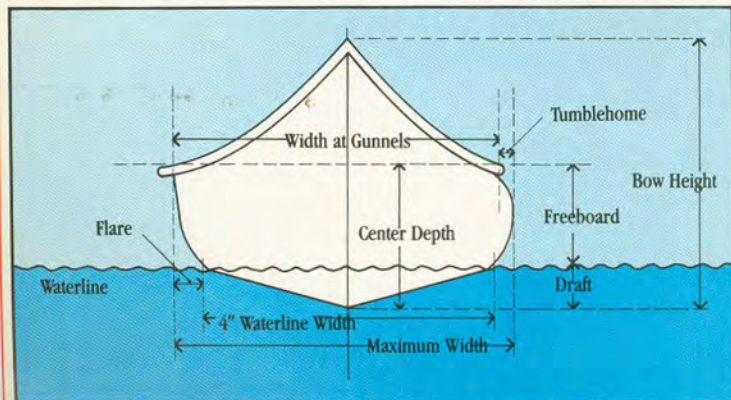
The hull of a symmetrical canoe has identical shaped halves (fore and aft) with the wide point in the center, which makes for predictable behavior. An asymmetrical canoe usually has its widest point a foot or so behind the center; in a straight-keeled canoe this enhances forward speed, especially in shallow water.



EXAMPLES OF SYMMETRY

### Hull Cross Section

Mad River Canoes have traditionally been designed with a shallow V shaped into the hull. This shallow-V bottom yields the best compromise between tracking ability, maneuverability and stability in recreational all-around canoeing. In moving water, the V hull's stabil-



TERMINOLOGY OF CANOE FEATURES



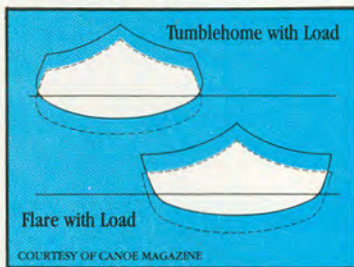


PHOTO: CLYDE SMITH

ted surface area and therefore be faster, but are less stable in shifting water conditions. Where final stability is a less important characteristic than paddling efficiency, Mad River employs shallow-arch designs in its more sophisticated performance canoes.

### Above Waterline

The hull shape above the water is also an important aspect in how a canoe performs. Where there is flare, the sides extend outward above the waterline deflecting water and giving greater stability in heavy waves—a good feature in a whitewater canoe. Tumblehome (the opposite of flare) brings the sides of the hull in at the gunnel line; this allows the paddle to be more parallel to the keel making for a more efficient vertical stroke and letting the canoe track straighter—a desirable characteristic for flatwater cruising.



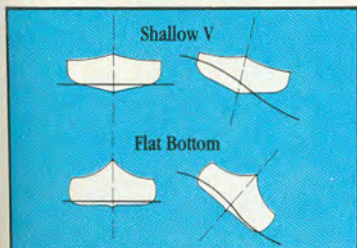
HULL SHAPE

A combination of these features is common in the design of a modern canoe. For instance, our Slipper has flare above the waterline in the bow and stern quarters to shed water and keep the canoe dry in waves; however, it also has tumblehome at the center so the canoeist does not have to reach as far out over the side to paddle efficiently.

### 6" Freeboard Capacity

We do not recommend a safe load capacity for our canoes on account of several factors: the stability and handling characteristics of the canoe; the experience, ability, and judgement of the paddler; and the conditions of water and weather. Instead, to give a volume comparison between models, we calculate an objective load displacement rating—the amount of stationary weight a canoe can hold and still retain six inches of freeboard at the canoe's center. The resultant displacement figures are just that—volume comparisons, not recommended paddling capacities.

ity is unsurpassed. Water is a fluid medium in motion with waves and currents—not a static flat glassy surface. The shallow V hull surface



STABILITY GRAPH

offers two stability planes; in fact, this design becomes comparatively more stable the rougher the water. Flat-bottom canoes are stable only in the static upright position. Once tipped, there is no stability shoulder to arrest the shifting forces, and—like round-bottom boats—they reach stability only when upside down.

The degree of shallow V designed into a hull varies according to the canoe's use—deeper for use where good tracking is desired, shallower for river canoeing where more maneuverability is required. Shallow arch hulls, which may vary from near flat to almost round bottom, may have less wet-

## HOW TO CHOOSE YOUR CANOE

To choose your canoe you must first identify how you plan to use it.

How will I paddle?

- Solo, or with a partner?

Where will I go?

- For the day on a lake?
- For a week or more into the wilderness?
- Do I want to challenge whitewater?
- Do I want to fish or hunt from my canoe?
- Do I want to cruise for the pure joy of paddling?
- Do I want to compete?

What do I want?

- A durable canoe at the expense of light weight?
- A lightweight performance canoe at the expense of longevity?
- A reasonable combination of the two?

three groupings to help you in the selection process. If you are looking for a single canoe that will do everything, look closest at our *versatile series*. These canoes combine many design characteristics and are true compromise craft. If you can target more specialized situations, check the *focused-performance series*. Design emphasis here is placed on efficient paddling canoes at the expense of quick maneuverability. And, if you're really looking for a single purpose design, our *specialty series* contains state-of-the-art sophisticated designs for very targeted uses. The handling characteristics chart compares the relative performance ranges of each of the Mad River Canoe models.

Solicit your paddling friends' recommendations. Go visit your Authorized Mad River Canoe Dealer. Test paddle a Mad River. Discover the difference. Your own personal feelings and experiences will lead you to the canoe you will most enjoy.

### Which Canoe is Best?

Our models are classified in

## GLOSSARY OF USAGE TERMS

How will you use your Mad River Canoe? Which canoe is best suited for you? To help you decide, these general usages are indicated for each Mad River model on the following pages.

### COMPETITION

Competition canoes have excellent tracking ability and are designed for flatout speed. They're built to meet the specifications of a particular racing class.

### CRUISING

Cruising canoes are fast and lightweight with streamlined hulls that paddle easily, enabling the paddler to cover distances with minimal effort. Though usually paddled empty, cruisers are good touring boats and have enough volume to carry a load of lightweight gear.

### FREESTYLE

Freestyle canoes are solo boats suited for day use and "just messing around." These personal canoes integrate excellent maneuverability with good directional tracking qualities.

### RECREATION

Recreational canoes are versatile, perfect for the entry level or family paddler. These canoes are safe and comfortable with great stability and low-maintenance features.

### SPORT

Especially designed for hunting and fishing activities, sport canoes are rugged platforms with excellent stability characteristics.

### TRIPPING

Tripping canoes have a high volume, designed with plenty of capacity for heavy loads on extended trips. They paddle easily and are ruggedly built for confident use in remote paddling areas.

### WHITewater

Constructed of a durable layup, the design of whitewater canoes emphasizes maneuverability, combining a good amount of rocker in the hull with high volume and full ends that shed water effectively.



# THE VERSATILE SERIES

These models are designed to fit the widest range of paddlers while handling the many fluctuating water conditions that can be encountered while canoeing. Versatile Series canoes allow

for differences in paddling skills, athletic ability and paddler size. Beginners can enjoy and grow into these boats, yet the handling characteristics still excite the better paddlers.



PHOTO: WARREN MORGAN

## ROYALEX EXPLORERS

RECREATION, WHITEWATER, TRIPPING, SPORT



For people who want the most versatile canoe built of RoyaleX for years of hard use with minimum care, the dependable 16' Explorer has no equal. Easy to maneuver and very stable, this is a safe canoe, perfect for families with children, fishermen, campers with gear and whitewater paddlers.

The durable 17' RoyaleX Explorer is for those who require a large stable craft with a sizeable load-carrying capacity for tripping and running dry in big waves. This model accommodates extra passengers, has greater speed and tracking abilities than its smaller counterpart, and ample rocker built into the ends for easy turning.

**Designer:** Jim Henry  
**Hull Configuration:**  
 Slight Rocker  
 Symmetrical  
 Shallow V  
**6" Freeboard Capacity:**  
 16" — 1100 lbs., 17" — 1200 lbs.  
**Materials:** RoyaleX

**Average Weight:** 16' — 70 lbs.,  
 17' — 75 lbs.  
**Length:** 16' 17'2"  
**Gunnel Width:** 35" 37"  
**4" Waterline Width:** 33" 34"  
**Depth at Center:** 15" 15"  
**Bow Height:** 22" 22"  
**Stern Height:** 22" 22"

## DUCK HUNTER EXPLORERS

SPORT, RECREATION, WHITEWATER, TRIPPING



Available in 16' and 17' lengths, Duck Hunter Explorer models appeal to sports-minded paddlers who want a camouflage canoe in a carefree, durable material for duck hunting, fishing, birdwatching or nature photography, that can also double as a favorite family craft. The special version features olive drab hull color inside and out, dark stained and oiled gunnels with slotted inwales (for placing reeds to construct a floating duck blind), a stained ash portage yoke and a second thwart for tying in gear. Gold decals highlight the classic appearance.

**Designer:** Jim Henry  
**Hull Configuration:**  
 Slight Rocker  
 Symmetrical  
 Shallow V  
**6" Freeboard Capacity:**  
 16" — 1100 lbs., 17" — 1200 lbs.  
**Materials:** RoyaleX

**Average Weight:** 16' — 70 lbs.,  
 17' — 75 lbs.  
**Length:** 16' 17'  
**Gunnel Width:** 35" 37"  
**4" Waterline Width:** 33" 33½"  
**Depth at Center:** 15" 15"  
**Bow Height:** 22" 22"  
**Stern Height:** 22" 22"



## FIBERGLASS EXPLORER

RECREATION, TRIPPING, SPORT, CRUISING



Where a durable whitewater material is not necessary, the Fiberglass Explorer combines a more affordable material with all the excellent paddling performance characteristics of the Explorer design. The construction is a high-quality fiberglass cloth laminate with selective Kevlar reinforcing to minimize weight and increase strength. It has sharper bow and stern profiles than its RoyaleX counterpart for a better glide, making it ideal for paddling on lakes and gentle rivers.

**Designer:** Jim Henry  
**Hull Configuration:**

Slight Rocker  
Symmetrical  
Shallow V

**6" Freeboard Capacity:** 1100 lbs.

**Materials:** Fiberglass with Kevlar

**Average Weight:** 68 lbs.

**Length:** 16'6"

**Gunnel Width:** 34½"

**4" Waterline Width:** 32"

**Depth at Center:** 15"

**Bow Height:** 22"

**Stern Height:** 20"

## KEVLAR/AIREX EXPLORERS

TRIPPING, RECREATION, WHITEWATER, SPORT



The award-winning combination of Kevlar cloth and Airex foam transforms two lengths of the functional Explorer design into technically advanced, lightweight, rigid canoes. Extensively tested in the rugged waters of the Canadian Far North, this vacuum-bagged composite lay-up features high strength-to-weight ratio construction with complete hull rigidity and remarkable durability. The 16'6" version is similar in performance to the all-Kevlar Explorer, whereas the 17'5" model will appeal only to serious, more experienced wilderness canoe trekkers who require large load-carrying capacities with plenty of freeboard to challenge big whitewater.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Symmetrical  
Shallow V

**6" Freeboard Capacity:**

16' — 1100 lbs., 17' — 1200 lbs.

**Materials:** Kevlar/Airex

**Average Weight:**

16' — 49 lbs., 17' — 60 lbs.

**Length:** 16'6" 17'5"

**Gunnel Width:** 34½" 37"

**4" Waterline Width:** 32" 32½"

**Depth at Center:** 15" 16"

**Bow Height:** 22" 23"

**Stern Height:** 20" 23"

## KEVLAR EXPLORER

TRIPPING, RECREATION, WHITEWATER, SPORT



The all-Kevlar Explorer offers the paddler a lightweight canoe with tremendous structural strength. It combines the well-known maneuverability, stability and ease of paddling of the Explorer design with an expedition-tough lay-up utilizing up to 12 individual layers of Kevlar cloth in the highest-wear areas. For the discriminating canoeist searching for maximum performance, high durability and minimum weight, the Kevlar Explorer is the unsurpassed standard of excellence in contemporary canoe design.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Symmetrical  
Shallow V

**6" Freeboard Capacity:** 1100 lbs.

**Materials:** Kevlar 49

**Average Weight:** 54 lbs.

**Length:** 16'6"

**Gunnel Width:** 34½"

**4" Waterline Width:** 32"

**Depth at Center:** 15"

**Bow Height:** 22"

**Stern Height:** 20"

## SLIPPER

FREESTYLE, CRUISING, RECREATION, TRIPPING



The Slipper is an all-round, responsive solo canoe that can play on twisty creeks or run easy rivers and excels in difficult, choppy transitional types of water conditions while carrying paddler and gear with ease. Its classic Mad River shallow-V bottom softens subtly towards the center of the canoe enhancing its versatility. There is substantial flare to the sides fore and aft of center for superb seaworthiness. Finished with a sliding cane seat, the Slipper comfortably accommodates both kneeling and "hit and switch" style paddling techniques. Equally at home in the hands of an expert or a beginner, the Slipper is a delightful blend of high performance, quick maneuverability and predictable stability.

**Designer:** Bob Brown,  
Cliff Jacobson

**Hull Configuration:**

Slight Rocker  
Symmetrical  
Shallow V

**6" Freeboard Capacity:** 600 lbs.

**Materials:** Fiberglass, Kevlar 49

**Average Weight:**

Fiberglass—46 lbs.

Kevlar—38 lbs.

**Length:** 14'8"

**Width:** 27"

**4" Waterline Width:** 28"

**Depth at Center:** 11"

**Bow Height:** 17"

**Stern Height:** 16"



# THE FOCUSED PERFORMANCE SERIES

Designed for more targeted purposes, the Focused Performance Series includes cruising, tripping, sport and whitewater models. The canoes, while in no way single-purpose craft, are

stronger in certain features giving better defined paddling characteristics appropriate to certain sets of water conditions.



PHOTO: JERRY GIBBS

## MALECITE CRUISING, RECREATION



The Malecite is a classic: an ideal canoe for two-person day use or for short camping trips. Its easy paddling V-shaped hull allows for exceptional secondary stability while maintaining the speed and tracking ability that has become the Mad River Canoe trademark. The Malecite profile is kept low at both ends, minimizing the effects of wind. The flared driving bow allows the canoe to rise over waves rather than dive through them; the buoyant stern handles mixed-water conditions with ease, maintaining hull maneuverability. By mounting an additional seat just aft of center, the Malecite also becomes an enjoyable solo canoe.

**Designer:** Jim Henry

**Hull Configuration:**

- Slight Rocker
- Asymmetrical
- Shallow V

**6" Freeboard Capacity:** 850 lbs.

**Materials:** Fiberglass, Kevlar 49

**Average Weight:**

- Fiberglass—66 lbs.
- Kevlar—48 lbs.

**Length:** 16'6"

**Gunnel Width:** 33"

**4" Waterline Width:** 28½"

**Depth at Center:** 13"

**Bow Height:** 20"

**Stern Height:** 19"

## LAMOILLE TRIPPING, CRUISING, WHITEWATER



Mad River's performance tripping canoe: the fast cruising Lamoille is stable yet seaworthy. The asymmetrical shallow-V hull has a touch of rocker for maneuverability and a large expedition-size carrying capacity. The bow and stern ends are low for streamlined aerodynamics, and the sheer-line height is maintained aft of the bow seat to easily shed waves. Enhanced by the total stiffness and minimal weight of its Kevlar/Airex lay-up, and unlike other large canoes, which become sluggish when heavily laden, the Lamoille easily carries a large load with the same speed and grace as the empty canoe. The Lamoille stands alone for its combined handling aptitude for flatwater cruising, whitewater maneuvering and wilderness tripping.

**Designer:** Jim Henry

**Hull Configuration:**

- Straight
- Asymmetrical
- Shallow V

**6" Freeboard Capacity:** 1100 lbs.

**Materials:** Kevlar/Airex

**Average Weight:** 59 lbs.

**Length:** 18'4"

**Gunnel Width:** 32"

**4" Waterline Width:** 33"

**Depth at Center:** 15"

**Bow Height:** 21"

**Stern Height:** 17½"



## PETER POND

RECREATION, CRUISING



The Peter Pond adds a new dimension to the Mad River line. Constructed of Eco-glass, our hand-laid economy fiberglass laminate, the Peter Pond is handsomely finished with anodized aluminum rails and three thwarts, fiberglass decks, and contoured seats. Novice paddlers feel comfortable with the canoe's strong initial stability; experienced canoeists find the Peter Pond a fast craft with superb glide. The shallow-arch hull tracks well in lakes, ponds and rivers, yet there's enough rocker to maneuver safely. A flared bow allows the canoe to handle big waves with remarkable stability. The Peter Pond is an exceptional value with fine performance characteristics.

**Designer:** Pat Moore

**Hull Configuration:**

Slight Rocker  
Asymmetrical  
Shallow Arch

**6" Freeboard Capacity:** 1000 lbs.

**Materials:** Eco-glass

**Average Weight:** 69 lbs.

**Length:** 17'

**Width:** at gunnel line—35"

**4" Waterline Width:** ~32"

**Depth at Center:** 12"

**Bow Height:** 20"

**Stern Height:** 19"

## WHISTLER

CRUISING, RECREATION



For paddlers of all abilities, the Whistler is a streamlined performance cruiser. Its asymmetrical shallow-arch hull is flared above the waterline and provides exceptional final stability when leaned. Novices will enjoy the feel of security while the more advanced will appreciate the Whistler for carving smooth, efficient turns. The fine entry has a slight softness to prevent catching weeds. The recurved stern shape carries waves away from the hull at cruising speed, reducing water friction for a longer, easier glide. Mahogany decks and ash gunnels are complemented by sliding, high-backed bucket seats offering comfort and support. Properly trimmed, the graceful Whistler provides superior glide, good maneuvering responsiveness and unquestioned stability.

**Designer:** Jim Henry

**Hull Configuration:**

Straight keel line  
Asymmetrical  
Shallow arch with flare

**6" Freeboard Capacity:** 900 lbs.

**Materials:** Fiberglass, Kevlar/Airex

**Average Weight:**

Fiberglass—68 lbs.

Kevlar—49 lbs.

**Length:** 17'2"

**Gunnel width:** 34½"

**4" Waterline width:** 30½"

**Depth at Center:** 13"

**Bow Height:** 16"

**Stern Height:** 13"

## TRAVELER

TRIPPING, WHITEWATER, CRUISING



With its sleek lines, the large-volume Traveler is in a class by itself as a mixed-water cruising and tripping canoe. The asymmetrical hull has a shallow-V cross-section, slightly flared full ends, with tumblehome at the center. A fast, straight-tracking canoe, the confident solo paddler can easily maneuver the Traveler by leaning the hull. A sliding cane seat is standard for easy trim adjustment. Maintaining hull efficiency when loaded, with good final stability, the Traveler excels on open expanses of whitewater interspersed with long flat sections.

**Designer:** Jim Henry

**Hull Configuration:**

Straight  
Asymmetrical  
Shallow V

**6" Freeboard Capacity:** 900 lbs.

**Materials:** Fiberglass, Kevlar 49

**Average Weight:**

Fiberglass—60 lbs.

Kevlar—48 lbs.

**Length:** 16'3"

**Gunnel Width:** 26½"

**4" Waterline Width:** 29"

**Depth at Center:** 14"

**Bow Height:** 22½"

**Stern Height:** 18½"

## COURIER

WHITEWATER, TRIPPING, RECREATION



The Courier excels as a whitewater touring solo canoe and is available in Royalex for whitewater impacts or Kevlar for that extra lightweight performance. Not a whitewater playboat in the specialized sense of the ME or Flashback, the Courier combines the desirable features for whitewater solo tripping—an efficient hull for flatwater speed, durability for whitewater impacts, full flared ends enabling the bow to rise in waves, sufficient rocker for maneuverability, and the capacity to easily carry gear. Its center thwart enables the paddler to customize the paddling position set-up, for instance, with a Mad River Seat Saddle.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Symmetrical  
Shallow V

**6" Freeboard Capacity:** 900 lbs.

**Materials:** Royalex (RX),

Kevlar 49 (K)

**Average Weight:**

60 lbs. (RX), 43 lbs. (K)

**Length:** 14'10"

**Gunnel Width:** 32"

**4" Waterline Width:**

29" (RX), 28" (K)

**Depth at Center:** 15"

**Bow Height:** 22"

**Stern Height:** 22"



## SPECIALTY SERIES

Canoes in the Specialty Series are intended to answer unique paddling needs. They are sophisticated designs built in high-

technology constructions. These models are the leading edge in discovering exciting new dimensions of canoesport.

### KEVLAR ME ROYALEX ME

WHITewater, COMPETITION, FREESTYLE



The ME has no equal as a high-performance whitewater playboat. Paddled either solo or tandem, this canoe is responsive in boulder gardens, adept at surfing large waves, and skillful in slalom courses. It has 8" of rocker, a highly-flared bow and stern, and maximum allowable depth, permitting paddlers to lay the hull down gunwale-deep and then bring it back up dry from positions impossible for other craft. The Royalex ME is the market leader for durability and performance with the lightweight Kevlar ME the ultimate playboat. Outfitted with one center thwart it also has two additional thwarts - be custom mounted.

**Designer:** John Berry

**Hull Configuration:**

Extreme Rocker  
Asymmetrical  
Shallow Arch

**Materials:** Royalex (RX), Kevlar/Airex (K)

**Average Weight:** 58 lbs. (RX), 43 lbs. (K)

**Length:** 15'2" (RX), 15'4" (K)

**Gunnel Width:** 33" (RX), 30" (K)

**4" Waterline Width:** 29½" (RX), 28" (K)

**Depth at Center:** 15"

**Bow Height:** 24" (RX), 24½" (K)

**Stern Height:** 24" (RX), 24½" (K)

### TEMPEST

COMPETITION, CRUISING



Capturing first place for the second consecutive year at the U.S. Canoe Association Triathlon Championships, the Tempest is a fast, "aerobic exercise" craft or pleasure racer. The asymmetrical, shallow-arch hull has extreme sidecut in the middle seven feet and a distinctive flared bow above the waterline to handle waves and chop. Favored for its greater stability among the ultra fast lightweight racing canoes, the Tempest performs in the widest variety of water conditions. The Tempest is finished with an adjustable bucket seat for both height and trim balance.

**Designer:** Jim Henry

**Hull Configuration:**

Straight  
Asymmetrical  
Round

**6" Freeboard Capacity:** N/A

**Materials:** Kevlar/Airex

**Average Weight:** 33 lbs.

**Length:** 17'3"

**Width:** at gunnel line - 17" at 4" waterline - 30"

**Depth at Center:** 11½"

**Bow Height:** 16½"

**Stern Height:** 12½"

### PEARL

FREESTYLE



The Pearl is a pure freestyle solo canoe. For paddlers weighing up to 180 pounds, the asymmetrical hull is designed to facilitate the defined freestyle moves as well as to enhance a paddler's style, both as a beginner under instruction or as an accomplished paddler. A swift canoe, with a long glide, the Pearl, when leaned on its side, releases its ends from the water, allowing quick turns while still maintaining momentum. The Pearl paddler kneels snugly into an engineered equestrian-type saddle with total control of the canoe through complete, comfortable inner leg contact. A dynamic lean makes it easier to carve sharper turns as well as perform more effortless, gentle turns.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Asymmetrical  
Round

**6" Freeboard Capacity:** 270 lbs.

**Materials:** Proprietary Fiberglass, Proprietary Kevlar

**Average Weight:**

Fiberglass-32 lbs.  
Kevlar-24 lbs.

**Length:** 13'5"

**Width:** at gunnel line - 26½"

**4" Waterline Width:** - 23"

**Depth at Center:** 10½"

**Bow Height:** 15½"

**Stern Height:** 13"

### TYPHOON/HURRICANE

WHITewater, COMPETITION



The Typhoon and the Hurricane continue the winning whitewater tradition of Mad River Canoes. Both designs easily outdistanced their competition at the 1986 National Whitewater Championships. These responsive hulls are extremely fast and dry through conditions ranging from flatwater to raging rapids. With flared bows tapering to tumble-home in the center, these canoes are durable high-performance craft, easy handling big waves and maneuvering well when leaned. The Typhoon meets the racing specifications for the medium-length class, while the Hurricane heads the short class. Bow sliders and bucket seats are standard features.

**Designers:** Jim Henry (TYP.)

George Walsh (HUR.)

**Hull Configuration:**

Straight  
Asymmetrical  
Shallow Arch

**6" Freeboard Capacity:** (TYP.) 1,100 lbs. (HUR.) 1,000 lbs.

**Materials:** Kevlar/Airex

**Average Weight:** (TYP.) 59 lbs. (HUR.) 49 lbs.

**Length:** (TYP.) 18'5" (HUR.) 16'5"

**Gunnel Width:** (TYP.) 30" (HUR.) 27"

**4" Waterline Width:** (TYP.) 33" (HUR.) 29"

**Depth at Center:** 15"

**Bow Height:** 21" **Stern Height:** 16"



## WINOOSKI

SPORT, RECREATION



Designed for excellent stability and easy handling, the lightweight Winooski is a short, stocky, deep canoe. A favorite of inexperienced or timid paddlers, its wide beam makes an ideal platform for hunting, fishing or photography. Not designed for long distance travel (although it's surprisingly easy to paddle for its width) the Winooski creates a feeling of tremendous security. A perfect companion at a summer cottage, the Winooski features mahogany decks, cane seats and dark stained woodwork. It is also available in camouflage in both fiberglass and Kevlar constructions.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Shallow V  
Symmetrical

**6" Freeboard Capacity:** 900 lbs.

**Average Weight:**

Fiberglass—62 lbs.  
Kevlar—47 lbs.

**Length:** 14'

**Gunnel Width:** 39"

**4" Waterline Width:** 35½"

**Depth at Center:** 14"

**Bow Height:** 17"

**Stern Height:** 17"

## MISSISQUOI

SPORT, RECREATION



Designed for small motor power, the square-stern Missisquoi is a short, beamy, deep canoe favored by waterfowl sportsmen. Its outstanding stability makes it an ideal platform for hunting, fishing or trapping. The soft stern contour beneath the waterline enables the Missisquoi to pivot quickly in tight turns either under motor or paddle power. This canoe features dark stained wood trim, mahogany transom plates, three cane seats, and slotted inwales for easy water drainage. We recommend up to a four-horse motor to propel this versatile small craft into shallow waterways unreachable by conventional motor boats.

**Designer:** Jim Henry

**Hull Configuration:**

Slight Rocker  
Shallow V  
Asymmetrical

**6" Freeboard Capacity:** 800 lbs.

**Materials:** Fiberglass, Kevlar

**Average Weight:**

Fiberglass—75 lbs.  
Kevlar—55 lbs.

**Length:** 13'

**Gunnel Width:** 39"

**4" Waterline Width:** 35½"

**Depth at Center:** 14"

**Bow Height:** 17"

**Stern Height:** 16"

## GRAND LAKER

SPORT



The favorite canoe of Maine and Canadian guides, the 21' square-stern Grand Laker is a lightweight freighter canoe. Stable, with carrying capacity for ample gear and several adults, the Grand Laker features an efficient stern design with enough rocker to be paddled, or it can be powered by motor. Traditionally, canoes of the Grand Lakes Stream design weighed 250 to 350 pounds. Mad River has virtually halved the weight of this very large canoe by using its Kevlar/Airex composite lay-up. The canoe can be cartopped, avoiding the additional expense and inconvenience of towing a trailer. Built to special order, the Grand Laker is revolutionizing the world of large capacity canoes.

**Length:** 20' 10"

**Width:** 42" at gunnel line  
40" at the hull

**Transom Width:** 19¼"

**Transom Height:** 16½"

**Depth at Center:** 40"

**Bow Height:** 33"

**Weight:** 120 pounds

## MONARCH

TRIPPING, CRUISING



The partially decked Monarch, conceived for and paddled on the 28,000-mile Ultimate Canoe Challenge, combines the best performance features of a canoe and sea-touring kayak. It has significant storage room for gear and an adjustable seat that can be flipped over to utilize the integral padded portage yoke. A foot-controlled aluminum rudder system enables the Monarch to track effortlessly. Lift the rudder and the Monarch, with its slight rocker, will maneuver adequately in whitewater. A snap-on spray cover is available for whitewater protection. The Monarch is the quintessential craft for the paddler who seeks speed and durability for long-distance paddling and ocean touring.

**Designer:** Verlen Kruger

**Hull Configuration:**

Straight  
Asymmetrical  
Shallow Arch

**Materials:** Kevlar 49

**Average Weight:** 50 lbs.

**Length:** 17' 3"

**Gunnel Width:** 28"

**4" Waterline Width:** 26"

**Cockpit Height:** 13½"

**Bow Height:** 11"

**Stern Height:** 9"



## WHAT GOES IN BEFORE THE FUN GOES ON

Since the beginning, Mad River Canoe has been dedicated to building canoes that are the perfect balance of lightweight performance and rugged strength.

Our whitewater models are strong enough to take direct impacts, even our flatwater canoes are made durable enough to guard against abrasion or the flexural breakdown of a too light, too thinly constructed laminate. Although we cannot prevent some wear over time, Mad River Canoe utilizes more selective material reinforcement than any other canoe manufacturer. For extra strength we use all-cloth lay-ups in our fiberglass canoes, additional thicknesses of ABS in our Royalex canoes, an exotic forgiving foam in our Kevlar Airex canoes, and more Kevlar in our Kevlar canoes. Yet our canoes are still light enough for easy portage and handling, a safe solid balance between lightness and structural integrity.

Our skilled Vermont craftsmen build each canoe by hand. Modern, high-tech hull materials are combined with the grace and strength of ash woodwork and cane seats. Painstaking attention to detail assures that what goes into a Mad River Canoe will consistently meet our high quality standards before our name goes on.

### Royalex Canoes

Royalex is a resilient material known for its durability in rock-bouncing situations: it's the material of choice for whitewater canoes. A Royalex canoe is maintenance free, and quiet to paddle, and while we can't guarantee you won't wrap our canoes around rocks and/or drop them off cars, Royalex—with its inherent flexibility—is the most damage-resistant material you can have in these situations and an excellent insulator against extreme heat and cold.

Royalex is a sandwich lay-up composed of three component layers: 1) Cross-linked vinyl skin, forming the exterior and interior surfaces of the canoe hull, specifically formulated for abrasion resistance and protection against ultraviolet; 2) ABS, the hard armor that provides the canoe's

strength; 3) A unicellular foam core which, as an integral part of the hull gives the canoe its flotation and assures rigidity. Vulcanized into a single sheet, Mad River adds extra reinforcing layers to our precise specifications for increased abrasion resistance, strength and rigidity. Then we heat and vacuum-form each sheet into a seamless canoe hull. We are careful not to thin out our Royalex by overstretching it in the molding process; instead, we build extra thickness into the bow, stern and keel areas. Combined with the additional structure of the shallow-V hull, this results in a tough, more rigid Royalex canoe... a most utilitarian and versatile craft.

### Fiberglass Canoes

Mad River's fiberglass canoes are laid up by hand in layers at precise, specific angles, then bonded with a high-quality, flexible polyester

resin. The selection of high-strength, specially-woven cloth in a laminate of up to twelve layers (including an additional reinforcement of Kevlar cloth) results in the most durable fiberglass canoes manufactured today.

Fiberglass and Kevlar canoes have sharper entry and exit lines and are more rigid than Royalex canoes. This makes them easier to paddle, even in the same basic hull design. Lighter in weight and priced lower than Royalex, a Mad River fiberglass canoe is the right choice for paddlers who want an exceptional quality cruising or recreational canoe that won't be subjected to heavy abuse.

### Eco-glass Canoes

Our new economy fiberglass laminate, Eco-glass is less expensive than the Mad River fiberglass lay-up and is used in the aluminum-

railed Peter Pond model. By balancing layers and ribs of fully woven cloth, mat and woven roving, bonded with polyester resin, we hand lay-up a specially engineered laminate.

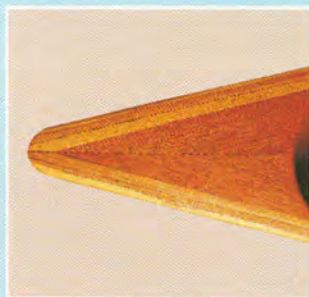
Other fiberglass canoes in this same price range are generally "chopper gun" boats, made of a mat/resin mixture which is sprayed into a mold with a pressure gun resulting in a much more brittle canoe. The Eco-glass laminate offers a far superior canoe value for a similar price.

### Kevlar Canoes

Mad River Canoe introduced Kevlar to the canoe industry in 1974, so we are well experienced at building longlasting, extra-durable hulls with this high-tech woven material.

Kevlar 49 fabric is, pound-for-pound, five times stronger than

## Quality Design and Workmanship



### Mahogany Decks

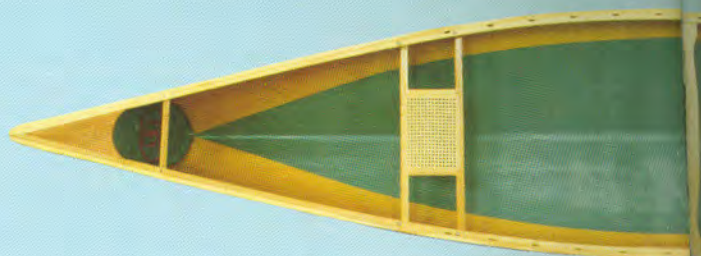
Inset into all fiberglass, Kevlar and Kevlar/Airex Mad Rivers; carefully handcrafted to a perfect fit.

### Exterior Finish

High gloss, flexible outer gel-coat for superior abrasion resistance.

### Camouflage Package

A camouflage woodlands cloth pattern is available on all fiberglass and Kevlar canoes. Stained woodwork, slotted inwales and gold decals are added finishing touches.



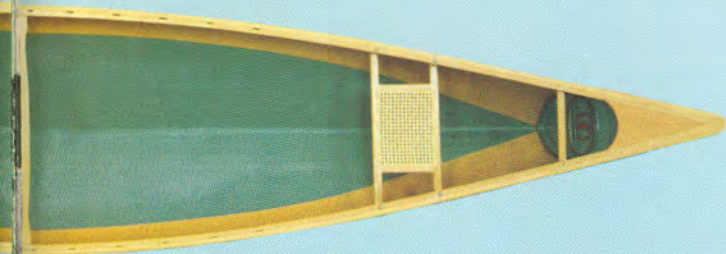
### Thwart

Balanced to exact center on each canoe, the center thwart is made of strong, straight-grained ash.

### 1987 SPECIAL EDITION KEVLAR EXPLORER

A limited number of Kevlar Explorers with special features are available from our Authorized Dealers. These specially-crafted classics are Sand color with extras including cherry-stained and slotted ash rails, cherry-stained ash portage yoke and seats, brass deck guards and engraved name plate highlighted by gold decals and pin-striping.





**Ash Rails**

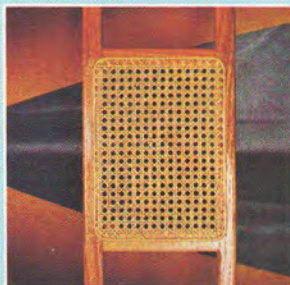
Native Vermont ash, known for its strength and resilience, is cut carefully along the grain and shaped by Mad River Canoe craftsmen. Rounded and smoothed, each rail is dipped in Watco Exterior Marine Oil, which penetrates and polymerizes deep into the wood. Two additional coats of oil are applied after attachment to the hull.

**Stainless Steel Fasteners**

Strong, corrosion-resistant stainless steel is used for all fasteners.

**Slotted Interior Rails**

A special option: slotted-interior ash rails allow for easy drainage of water.



**Cane Seats**

Distinctive ash-framed cane seats; long-lasting, comfortable, cool, quick-drying and attractive.

**Flotation Tank**

Closed cell polyurethane foam-filled end compartments for buoyancy.

**A Word on Flotation:** In whitewater applications, we recommend the addition of flotation bags for safety. Extra flotation displaces water in a canoe during a capsize (a canoe can hold over a ton of water), allowing the canoe to float higher. This will often prevent serious damage to a canoe if it swamps or wraps around an obstruction.

**Ash Carry Handles**

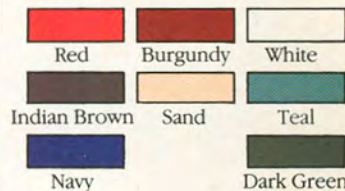
Nicely rounded and handsomely finished for carrying—one of the extra details that make Mad River's special.

rigid to paddle and weighs even less than one made entirely from Kevlar, Mad River combines Kevlar with an Airex foam core and highly elastic vinylester resin. Unlike other PVC foams, Airex won't shatter or delaminate on impact, a feature naturally important to any canoeist who might encounter rocks or other obstructions. Awarded the SPI top technical prize in marine construction in 1984 for this system, our Kevlar/Airex laminate utilizes a vacuum bag lay-up technique that assures a complete bond with a minimum amount of resin.

Mad River's all-Kevlar canoes offer the greatest durability (because of the additional number of Kevlar layers) and added flex in whitewater situations, while Kevlar/Airex canoes are lighter and more rigid to paddle.

**Color Chart**

Royalox models available in Red, Dark Green, Indian Brown and Sand. Kevlar, Kevlar/Airex and Fiberglass models available in Red, Dark Green, Indian Brown, Sand, Navy, Burgundy and Teal. White is a special-order color.



steel. All our Kevlar canoe hulls are reinforced with up to 14 layers of Kevlar, carefully tailored and positioned to reinforce all areas of greatest impact. The cloth is prepared exclusively for Mad River with a chemical finish that assures the best possible bond with our flexible vinylester resin system.

The greatest advantages of Kevlar over fiberglass are superior fiber tensile strength and 20% weight reduction. Tensile strength translates into increased tear and puncture resistance. Weight savings translates into greater performance in the water, plus easier portaging, handling and loading. Meticulously engineered for high performance and high durability, a Mad River Kevlar canoe is the ultimate for tripping.

**Kevlar/Airex Canoes**

To make a canoe that's more

**HANDLING CHARACTERISTICS**

	TRACKING SPEED		MANEUVERABILITY		FAMILY STABILITY		HEAVY LOAD PERFORMANCE	
	SLOW	FAST	LOW	HIGH	LOW	HIGH	LOW	HIGH
<b>SOLO CANOES</b>								
Slipper	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Traveler	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Courier	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
ME	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Pearl	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Tempest	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Monarch	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
<b>TANDEM CANOES</b>								
16' RX Explorer	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
17' RX Explorer	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Fiberglass Explorer	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Kevlar Explorer	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
17' K/A Explorer	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Malecite	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Peter Pond	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Whistler	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Lamoille	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Winooski	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Hurricane	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Typhoon	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████

Grand Laker and Missisquoi models are designed for motor power and there



## PADDLES

**1. THE CRUISER:** 15° angle paddle designed for greater paddling efficiency. Laminated cedar and spruce blade with hardwood edges, fiberglass coated with extra reinforcing at the tip. Modified walnut palm grip with tapered shaft. 22 oz. average weight. (Bent shaft)  
Lengths: 46", 48", 50", 52", 54", 56".

**2. MRC ILIAD WILDWATER PADDLE:** Durable paddle for rock-smashing, whitewater use. Epoxy reinforced 8 3/4" blade and vinyl-coated aircraft aluminum shaft. (Straight shaft)  
Lengths: 51", 54", 57", 60", 63", 66".

**3. THE TRIPPER:** Finely crafted, 12° angle paddle designed for tripping and whitewater. Tapered spruce shaft with modified T-grip and 8 1/2" x 20" cedar and spruce fiberglass coated blade with ash edges tipped with in-laid aluminum for great durability. 22 oz. average weight. (Bent shaft)  
Lengths: 48", 50", 52", 54", 56".

**4. NORTHWOODS PADDLE:** Exceptional value for a traditional paddle, recommended for lake touring. Handsome spruce laminated, 6 1/2" wide blade in a beavertail-style design with T-grip. Made in U.S.A. (Straight shaft)  
Lengths: 57", 60", 63", 66".



**5. MRC MITCHELL PADDLE:** Well-balanced wood paddle with drop shoulders to put the widest part of the blade in the water. Solid spruce shaft, contoured T-grip and 8 1/2" x 19" laminated blade covered with cherry veneer; reinforced tip. (Straight shaft)  
Lengths: 51", 54", 57", 60", 63", 66".

**6. TOUR DE WILDE:** For the serious tripper and whitewater paddler. Built of select woods, the 8 1/2" x 21" laminated paddle blade has an aluminum-inlay tip and is fiberglass reinforced. T-grip on the oval laminated shaft is protected by a Dynel-epoxy sleeve in the primary wear area. (Straight shaft)  
Lengths: 54", 56", 58", 60", 62".

**7. PADDLE SOCKS:** Made of quick-drying nylon pile to protect your favorite canoe paddle. Two sizes available: Jade sock for bent-shaft paddles (46"-56"); Royal sock for straight-shaft paddles (54"-66").

## LIFE VESTS

Lightweight, U.S. Coast Guard Type III PFDs designed for safety, comfort and freedom of movement.  
Sizes: Small (28"-32"), Medium (34"-38"), Large (40"-44"), X-Large (46"-50").



**8. SHORTIE:** Tough denier-twill nylon life vest in bright red with black trim. Flexible Airex and polyethylene foam flotation panels. Fastex buckle at the waist and side cinches for customized fit. Average flotation 17.5 lbs.

**WHITEWATER** (Not pictured): Form-fitting Airex foam flotation throughout, including over-the-shoulders for additional buoyancy. Other features are identical to our popular Shortie. Average flotation: 21.5 lbs.

**9. SPORT:** Dark green-waist length vest with two handy Velcro pockets for carrying small items. Average flotation: 17.5 lbs.

**10. KIDS:** Bright yellow life vest with waist and leg straps so this PFD won't slip off the active child.  
Sizes: Small (for weights of 30-50 lbs.); Medium (for weights of 50-90 lbs.).

**11. STANDARD:** Royal blue hip-length life vest with roll-up skirt, secure waist-cinch belt and black trim. Average flotation: 19 lbs.

## CAR TOP CANOE CARRIERS



**12. MRC/YAKIMA GUTTERLESS RACKS:** Design modifications to the Yakima Tower allow this rack to fit cars without rain gutters. Specify car make, model and year for appropriate-sized clip (A, B, C, D, or F).  
Sizes: 48", 54", 78".

**13. CANOE BRACKETS:** Set of four padded L-shaped attachments. Stabilizes canoe rails to rack eliminating swaying movement at high speeds.

**14. MRC/YAKIMA BLACK RACKS:** Versatile roof rack system: tough tubular steel bars with non-corrosive polyethylene black coating attached to Yakima Towers.  
Sizes: 48", 54", 78".

**15. ASH BARS:** For use in combination with either Yakima Towers or QNE Brackets: 1" x 2" ash bars with slots for roof-width adjustability. Hardware attachment sets available. (Specify for which bracket model.)  
Sizes: 48" (for sub-compacts), 60" (for standards), 78" (for 2 canoes).

**16. SECURITY CABLE:** 9' coated cable for use with locks. Ends are inserted behind Tower handwheels to secure canoe to rack.

**17. YAKIMA TOWERS:** Aerodynamic brackets of injection-molded Zytel nylon won't chip, peel or corrode your vehicle's finish. With a turn of the wheel, the drip-rail clip self-adjusts to most any car's rain gutters.

**18. YAKIMA LOCKS:** Set of four double-bitted locks with keys. Lock chambers fit into Yakima Towers. Secures rack to car.

**19. QUIK-N-EASY BRACKET KITS:** Set of four solid cast-aluminum brackets with cam lever.

**20. KAYAK SADDLES:** Set of four adjustable half-moon-shaped attachments designed for hull-hugging protection and stability (recommended for Monarch).

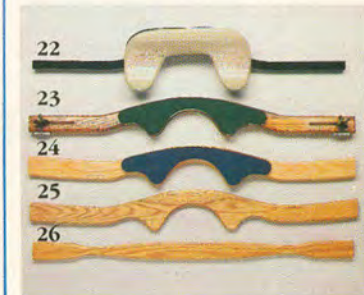
**KWIK RAILS** (Not pictured): Artificial rain gutters that can be bolted onto camper shells, Blazers, etc. Made of heavy-gauge aluminum for use with standard MRC/Yakima rack.

**21. FOAM BLOCK CAR RACKS:** Will fit any car top. Four foam blocks with large 1 1/2" slotted holes to enclose wide canoe gunnels, with strap tie-down system.

## PORTAGE YOKES

**22. GRAND PORTAGE YOKE:** State-of-the-art design with contoured shoulders. One-inch vinyl-dipped Ensolite pad on aluminum yoke with powder coated finish. Cut to fit canoe width. Length: 40".

**23. UNIVERSAL PADDED ASH YOKE:** Adjustable slots with gunnel-mount brackets that attach manually with handle wing nuts for easy on and off. Will fit any small boat with extended gunnels; especially handy for canoes with center seats. Natural or stained finish.  
Length: 40".



**24. PADDED ASH YOKE:** Ash yoke padded for comfort with a 3/8" thick closed-cell foam laminated to a non-slip polyester-knit fabric. Bolts in to replace center thwart. Natural or stained finish.  
Lengths: 37", 40".

**25. ASH PORTAGE YOKE:** Strong, straight-grained ash yoke that permanently bolts the inside rail in place of a center thwart. Natural or stained finish.  
Lengths: 37", 40".

**26. ASH THWART:** Straight-grained, shaped ash thwart. In natural or stained finish.  
Lengths: 24 1/2", 34 1/2", 39".

## SPECIAL EXTRAS

**27. CARGO BAG:** Dark green 26" x 13" x 13" travel bag made of tough 8 oz. waterproof nylon Parapac with double bottom of 11.5 oz. coated Cordura nylon. Adjustable 2"-wide shoulder straps and separate zippered end compartment.

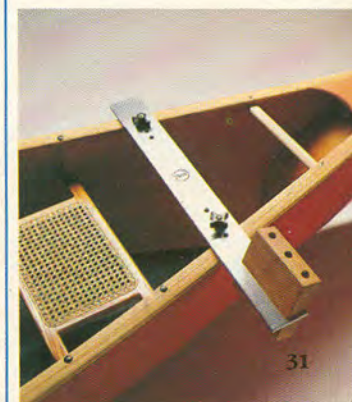
**28. FOLDING CANOE CHAIR:** Designed for center canoe passenger's comfort. Great for use on the beach, around camp, or in front of the wood stove. Sturdy ash frame varnished to a high gloss with comfortable 14" x 14" cane seat and back rest. Available in natural or dark-stained finish.



**29. MINIATURE CANOE MODEL:** 32" plastic-scale model of our Explorer with wood rails, thwart and seats with fabric seat inserts. Also available in kit form.

**30. KNEE PADS:** Comfortable foam-cushioned vinyl-dipped 19" x 7" pads.

**BUCKET SEAT PADS** (Not pictured): Customize your canoe's bucket seat for comfort with our 11" x 12" x 1/2" vinyl-dipped contour seat pad.



**31. MOTOR MOUNT:** Adjustable, easy fitting, sidemount motor bracket with aluminum crosspiece and oak transom block. Recommended motor: electric or 2 1/2 to 3 horsepower gas outboard weighing less than 25 lbs.



# ACCESSORIES

**CANE OR WEBBED SEATS** (Not pictured): Straight grained ash frames with choice of cane or nylon webbing. Cane seats available natural or stained finish; webbed seat, natural only. Length 32"



32

**32. MRC PADDLING ERGOMETER:** Developed for the canoe racer, recreational paddler or fitness enthusiast, this machine simulates paddling better than any other exercise device on the market today. Features include weighted flywheel and drive-chain system attached to paddle shaft, speedometer and resettable odometer for monitoring performance; adjustable sliding seat and heavy steel frame. Length: 76" Width: 26" Height: 17" Weight: 51 lbs.

## PADDLING APPAREL



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**33. CANOE RACER'S CAP:** Flip the brim to reveal the Confident Rabbit logo! Colors: Royal Blue, Bright Red.

**34. MRC GATSBY HAT** Stylish ivy league cap with Confident Rabbit logo. Color: White. One size fits all.

**35. CATCH THE SPIRIT T-SHIRT:** 100% Cotton, white short sleeve shirt with bold five-color fashion canoe scene on chest.

**36. CR SPORT SHIRT:** Classic short-sleeve 50% combed cotton/50% polyester knit shirt with welt-knit collar and cuffs and button-down boxed placket. Embroidered with Confident Rabbit logo. Men's: S, M, L, (Navy, Gray). Women's: S, M, L (Navy, Light Blue).

**37. BRASS BELT BUCKLE:** Brass oval buckle with Confident Rabbit logo.

## WEATHERPROOF PROTECTION

**38. WATERPROOF STORAGE BAGS:** Absolutely water-and airtight, with seamless inner bag of heavy gauge waterproof polyethylene and outer bag of tearproof woven polypropylene-coated cloth. Tie-down grommets in bottom corners. Special patented sliding closure may be applied anywhere on bag to adjust size. Sizes: Small (22" x 42") Red; Large (22" x 55") Yellow.



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**39. WATERPROOF CARRY SACKS:** Tough PVC-covered Dacron with leakproof, heat-welded seams; roll-down watertight closure folds back on itself to snap shut with a Fastex buckle. Can be attached to canoe thwart. Available in three sizes: Portage Pack (with padded shoulder straps): Green. Size: 2.2 cu. ft. Lunch Sack: Blue. Size: 930 cubic inches. Wallet Pack: Yellow. Size: 424 cubic inches.

**40. SEAT SADDLE:** Roto-molded, contoured Seat-Saddle serves several functions: to brace, kneel or sit while paddling; dry storage space with screw-on hatch cover; and added flotation. Best installed using two thwarts. Length: 35". Seat Height: 12½". Weight: 9 lbs.

**41. RESCUE THROW BAG:** 75 feet of ¾" braided red and white polypropylene line stuffed into a heavy nylon orange safety bag (11" x 5" x 5"). Instructions for emergency rescue use are imprinted on bag.

**42. MAP POUCH:** 12" x 12" clear vinyl bag with folding watertight Velcro closure to keep maps and other small items dry.

**43. SURVIVAL POUCH:** 9" x 6" waterproof plastic bag for valuables with thwart tie cord.



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**44. TOE BLOCKS:** Anodized aluminum, flangeless track with screw-in foot channel. Neoprene-padded foot block is quickly adjusted to length by a spring-trigger mechanism. Mounts on seat saddle.

## WHITewater OUTFITTING

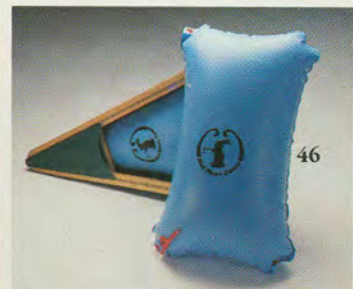
**45. SPRAY COVERS:** A splash cover designed for touring, this one-piece yellow skirt is made of 10 oz. nylon-impregnated vinyl, a waterproof fabric that won't crack or peel. The cockpit is made of 4 oz. blue supercoated nylon taffeta with an elastic waist and is sized to give ample room to set or kneel, or for easy exit. Attaches with snap rivets. Instructions for fitting and stuff-sack are included. Velcro straps in front, middle and rear to attach extra paddles and ropes. Sizes: 14'8", 16', 16'6", and 17'2". (Only fits Versatile Series canoes.) Weight: 5 lbs.



45

**46. INFLATABLE FLotation BAGS:** A complete flotation-bag system is cheap insurance for added protection to your canoe while whitewater paddling. Made of 20-mil light blue vinyl, each bag is equipped with inflation hose, rapid deflation valve and tie-down grommets in each corner. A lashing system is included to secure the bag into canoe. Sizes: Large End: 60" x 15", 36" tapered. Small End: 32" x 14", 24" tapered. Large Split Center: 68" x 22" (designed to be used in pairs). Small Split Center: 36" x 22" (designed to be used in pairs). Long Full Center Bag: 50" x 37".

**LASHING KIT** (Not pictured): Set of 8 stainless steel strap eyes with screws or rivets, depending on type of gunnel (please specify) and 50' braided #4 polypropylene cord to secure gear or flotation bags into your canoe.



46

## CANOE CARE MATERIALS

**47. ROYALEX REPAIR KIT:** Resin filler and spray paint kit to repair scratches penetrating into the underlying layer of ABS; maintains the abrasion-resistant protection. Specify color: Dark Green, Gray, Red, Sand, Yellow, Olive Drab.

**48. GEL COAT SPRAY TOUCH-UP PAINT:** Hide surface scratches on fiberglass or Kevlar canoes with 4.5 oz. touch-up paint specially matched to Mad River gel-coat colors. Specify color: Burgundy, Dark Green, Indian Brown, Red, Sand, Teal.

**49. HIGHLIGHT:** High-concentrate formula of rich wax and polish to protect fiberglass, Kevlar and Royalex canoes. Instant boat beauty with a hand-rubbed look. 18 oz.

**50. WATCO OIL:** A deep-penetrating oil-and-resin finish that should be applied regularly to protect wood gunnels from weather. Exterior Finish Natural (Quart); Danish Dark Walnut Stain (Pint).

**51. CLEANING DETAIL:** Removes dirt and scum from fiberglass, Kevlar, Royalex and aluminum canoe hulls. Biodegradable—no phosphates. After washing use Highlight for a protective shine. 32 oz.

**52. SKID PLATE KIT:** Specially formulated flexible resin system bonds Kevlar felt to Royalex vinyl adds abrasion and impact resistance to the ends of your canoe. The kit takes one hour to install and can be spray-painted to match the color of the canoe. (Resin has a six-month shelf life.)



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**53. GEL-COAT REPAIR KIT:** Kit contains materials to perform small repairs on bubbles and chips in the outer gel-coat when the underlying fabric is exposed. Specify color: Clear, Burgundy, Dark Green, Indian Brown, Navy, Red, Sand, Teal.

**54. FIBERGLASS REPAIR KIT:** Fiberglass cloth patches, resin, catalyst, sandpaper, protective gloves and the instructions necessary to repair fracture or puncture damage to a fiberglass hull.

**55. KEVLAR REPAIR KIT:** Kevlar patch cloth, resin, catalyst, sandpaper, gloves and the instructions necessary to make Kevlar structural repairs.



# MAD RIVER CANOES: FREEDOM AND FUN FOR ALL!



PHOTO: GARY KINGSBURY

## *Canoes for discovering* ▶

The vivid excitement of approaching wildlife in the wilderness ... a chance to glimpse creatures you've never seen before ... a chance to feel the wonder of nature from the silent canoe.

## ◀ *Canoes for uniting families and friends*

Five fathers, five sons ... together for an exciting week on the Allagash River in Maine ... a last bash after the sons' graduation ... before college takes the young friends off to different parts of the country, on different journeys.



PHOTO: TODD BUCHANAN



PHOTO: JIM HENRY

## *Canoes for cultural exchange* ▶

A Chinese invitation for American canoeists to compete in their annual dragonboat festival ... Chinese paddlers returning to canoe America's Mississippi River. The lead canoe? A Mad River Explorer, emblazoned with two great symbols—the Chinese Dragon and the American Eagle!

## ◀ *Canoes to catch the big ones*

Escape the everyday routine ... opt for a little bit of peacefulness, and the satisfaction of bringing home the day's catch. Enjoy the adventure ... far away on a distant river, or conveniently close to home.



PHOTO: SUE SMITH

## OUR CONFIDENT RABBIT

The trademark of Mad River Canoe is the Confident Rabbit. According to Indian legend, even while his mortal enemy, the lynx, prowls nearby, the rabbit sits secure within the ferns, confident of escape using his own strength, speed and agility.



At Mad River, the finest designs, materials and workmanship form the heart of each and every canoe manufactured. The resulting product can be trusted with confidence out deep in the backcountry or in fun close to home.

Box 610, Waitsfield, Vermont 05673, Telephone: 802-496-3127

Due to continuous improvement, Mad River Canoe reserves the right to alter specifications without notice.

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