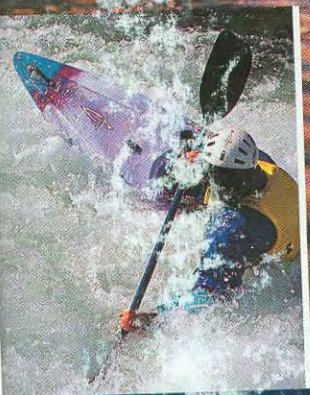
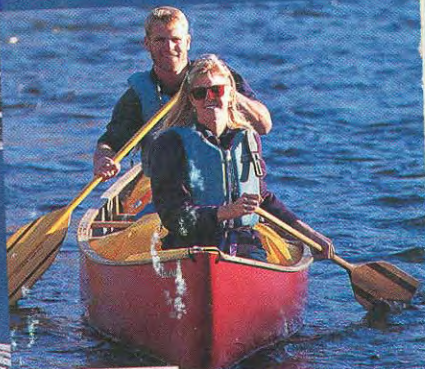
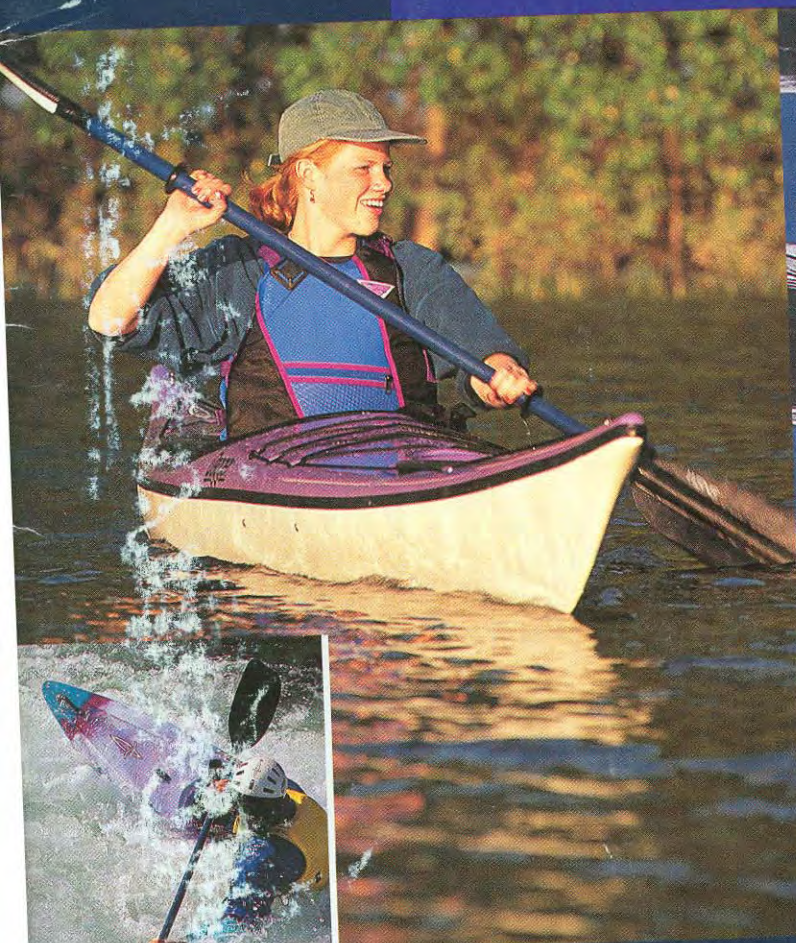




# Dagger

Canoes & Kayaks  
Headwaters Accessories

1997 Catalog



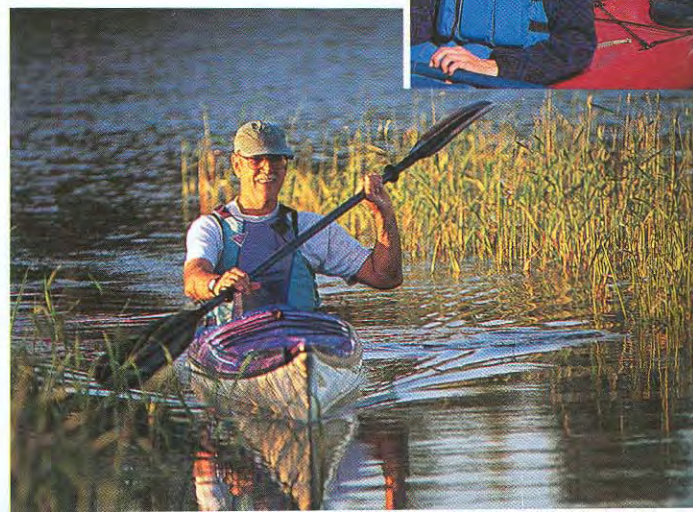
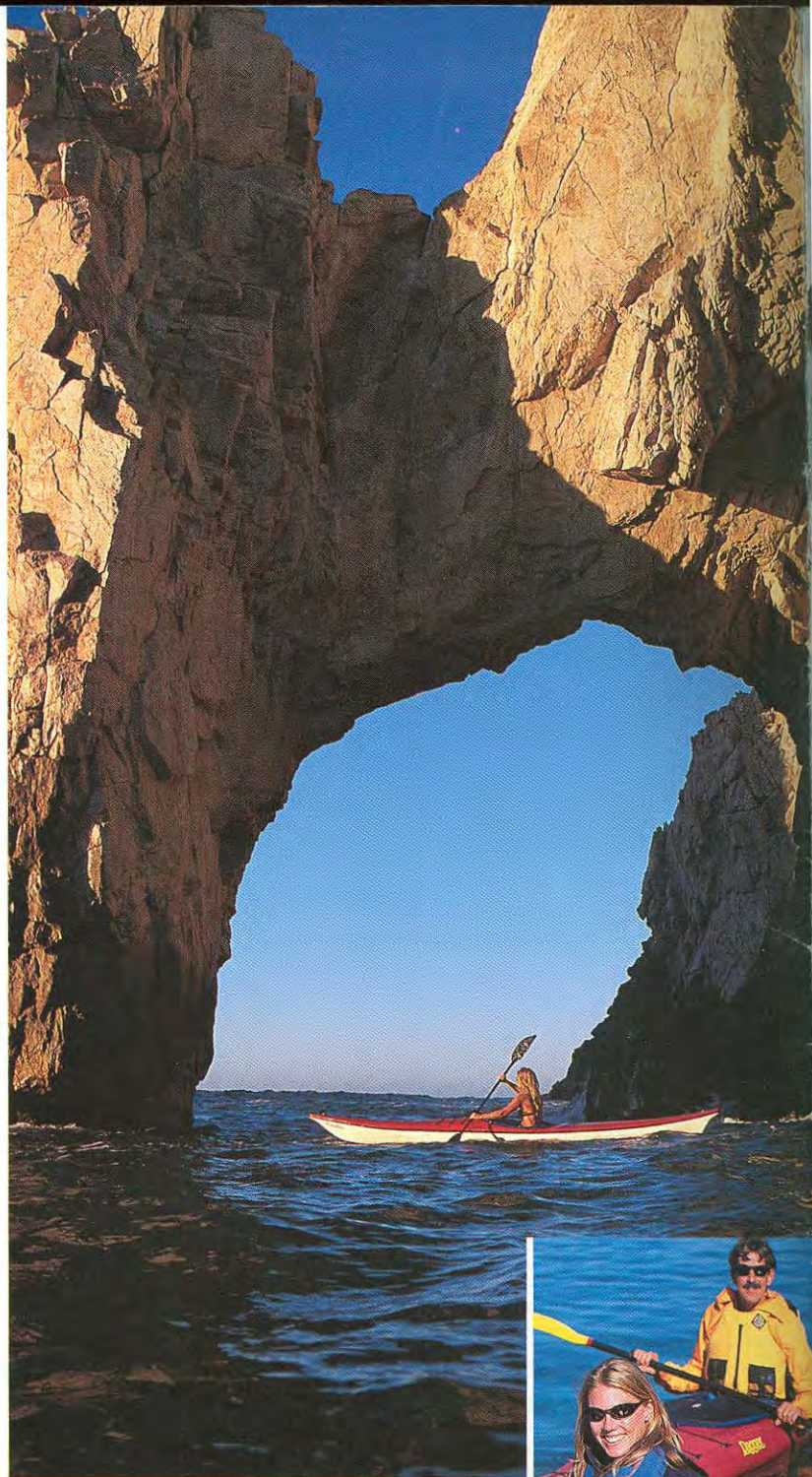
# TOURING KAYAKS

Exploring a local lake shore, punching through the surf to get beyond the break, gliding smoothly with the mellow current on a meandering river; these are places you see Dagger touring kayaks. If this sounds like your kind of fun then take a look at our range of boats. There's one that's right for you because we have models for all skills, all destinations and all pocketbooks.

This year finds new Dagger models with unmatched innovative features. The Sitka, a composite beauty, has been chosen for expeditionary paddling in some of the world's most remote environments, including an attempt to circumnavigate South Georgia Island between the Falklands and Antarctica, and an exploratory outing off the rugged "outside", western shore of Canada's Vancouver Island. Sitka's advanced features include a unique (patent pending) integrated foil rudder system. Our newest plastic kayak, the Magellan, has details such as recessed fittings and welded plastic bulkheads usually unavailable on plastic boats.

We like to be comfortable when we paddle, so careful attention is paid to make sure our boats feel good. Go to a sea kayaking symposium in your area or check out your local Dagger dealer. Try out some boats and we're sure you'll find a Dagger you'll love.

Above: Becca Schuler cruises in her Meridian past the Finisterra Arch, Baja Sur, California. *photo by Wiley/Wales.* Right: Dawn Steer and Gary Bulmer enjoy paddling on Lake Tahoe, the largest alpine lake in North America. *photo by Larry Prosor.* Below: Ed Michael near Sauvie's Island, Oregon. *photo by Robert Reynolds.*



	Solo	Tandem	Lakes	Rivers	Open Water	Family Paddling	Easy Whitewater	Difficult Whitewater	Wilderness Tripping	Camping	Fishing	Performance	Stability	Cruising Efficiency	Quick Turning	Tracking
<b>Apostle</b>	★	○	★	●	★	★	●	○	★	★	●	●	★	★	●	★
<b>Edisto</b>	★	○	★	●	★	●	○	○	●	★	●	●	★	●	●	★
<b>Magellan</b>	★	○	★	●	★	●	○	○	★	★	●	●	★	●	●	★
<b>Meridian</b>	★	○	★	●	★	●	○	○	○	★	●	●	★	●	●	★
<b>Seeker</b>	★	○	★	●	★	★	●	○	○	●	★	●	★	★	●	★
<b>Sitka</b>	★	○	★	●	★	●	○	○	○	★	★	●	●	★	●	★
<b>Vesper</b>	★	○	★	●	★	●	○	○	○	●	●	●	★	●	★	●

Guides ★ Excellent ● Good ◐ Fair ○ Not Suitable



Left and above: Dagger president Joe Pulliam and design leader Steve Scarborough examine icebergs and saltwater glaciers in Alaska's Prince William Sound. *photos by Ed Michael.*

## Apostle

Catalogs talk about boat length, width, cockpit size, volume. The techies talk about hull speed, rocker, coefficient of stability. Yeah! Sure! Numbers! I buy a boat for its "feel." For a long expedition, a boat has to be efficient and stable in calm weather. And when that big storm catches you by surprise, when the white breaker curls over you, the boat has to be part of your body. I picked an Apostle for my upcoming expedition to paddle around Cape Horn. It holds the load, it's smooth when the water is, stable when you want it to be, and most important, it has a "feel" that I trust. The boat's waiting for me in a warehouse in Chile, I fly out next week — wish me luck.

### Jon Turk

*Dagger Sponsored Athlete,  
Cape Horn Expedition*

**Length:** 17' (518 cm)

**Width:** 23.5" (60 cm)

**Weight:** Exp. 69 lbs. (31.5 kg)

**Cockpit:** Length 34" (86 cm)

Width 18" (46 cm)

**Bow Hatch Volume:** 3927 cu in.

**Stern Hatch Volume:** 4851 cu in.

**Day Hatch Volume:** 2541 cu in.

**Recommended maximum load:** 320 lbs. (145 kg)

**Material:** EXL™

#### Standard expedition outfitting includes:

Bow and stern access with one piece Sure-seal™ rubber hatch covers, easily accessible day hatch, deck lines and shock cord deck rigging, seat with adjustable backrest, padded seat and backrest cover, padded neoprene thigh pads, three minicell bulkheads, static lines, easy adjustable foot braces, carrying toggles, molded-in graphics

#### Accessory Options:

Retractable rudder

**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



## Edisto

The Edisto really defines comfort and stability. I remember the first R&D trip we took to the South Carolina coast with the Edisto. Fifteen miles through winding tidal creeks, including "No Man's Friend Creek", and eventually into the open water of the Atlantic: nice smooth tracking and an absolutely perfect fit, no saddle soreness here. I knew this boat was a winner. Since its introduction, the Edisto has become the workhorse of our touring line. Never have we offered a boat with such versatility that truly fits such a range of paddlers and offers the performance features found in longer expedition kayaks. Dollar for dollar you'll be hard pressed to find a better all-around touring kayak.

### Gerald Eldridge

*Dagger Customer Service*

**Length:** 14' 6" (442 cm)

**Width:** 24.5" (62 cm)

**Weight:** Basic 49 lbs. (22 kg)

Exp. 55 lbs. (25kg)

**Cockpit:** Length 34" (86 cm)

Width 19" (48 cm)

**Stern Hatch Volume:** 8085 cu in.

**Recommended maximum load:**

Paddler and gear - 300 lbs. (136 kg)

**Material:** EXL™

**Standard outfitting includes:** Stern access with one piece Sure-seal™ rubber hatch cover, bow access hatch, bow and stern flotation in basic models, deck lines and shock cord deck rigging, inside security loops for gear and flotation, seat with adjustable backrest, easy adjustable foot braces, carrying toggles, molded-in graphics

#### Optional Expedition version contains the above, plus:

Padded seat and backrest cover, additional shock cord deck rigging, installed stern minicell bulkhead, bow flotation in expedition models

#### Accessory Options:

Retractable rudder

**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



## Magellan

The first time I paddled a Magellan I paddled out, played around a bit and surfed into the beach with a mile-wide grin on my face. The boat's owner said "what d'ya think?" I told him this was simply the best plastic kayak I had ever paddled.

Finally, here's a polyethylene boat that has all the features of a fiberglass touring boat! I do a lot of rescues during instructional programs so I appreciate the recessed deck fittings which make rescues safer and easier. The welded plastic bulkheads are also a big plus. They maximize my cargo capacity and are opaque so they actually help light up the cargo area! Really comfortable with performance to spare, the Magellan is definitely a plastic touring boat to grow with and not out of.

### Scott Fairly

*Dagger Mid-Atlantic Sales Rep.*

**Length:** 16' 6" (495 cm)

**Width:** 22.5" (56.25 cm)

**Weight:** 62 lbs. (28 kg)

**Cockpit:** Length 34" (85 cm)

Width 19" (48 cm)

**Bow Hatch Volume:** 4851 cu in.

**Stern Hatch Volume:** 7161 cu in.

**Bow Volume:** 4851 cu in.

**Stern Volume:** 7161 cu in.

**Recommended maximum load:** 315 lbs. (142 kg)

**Material:** EXL™

#### Standard expedition outfitting includes:

Bow and stern access with one piece Sure-seal™ rubber hatch covers, deck lines and shock cord deck rigging, inside security loops for gear and flotation, seat with adjustable backrest, padded seat and backrest cover, recessed deck fittings, key-hole cockpit with built-in neoprene padded thighbraces, welded in rigid plastic bulkheads, one-piece Sure-seal™ rubber hatch covers, easy adjustable foot braces, carrying toggles, molded-in graphics

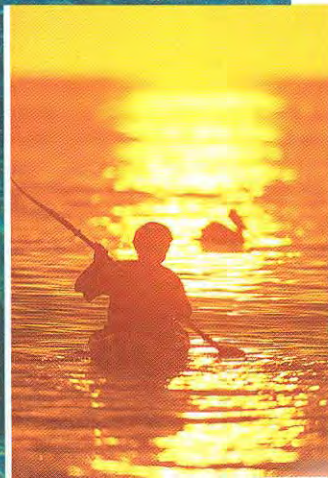
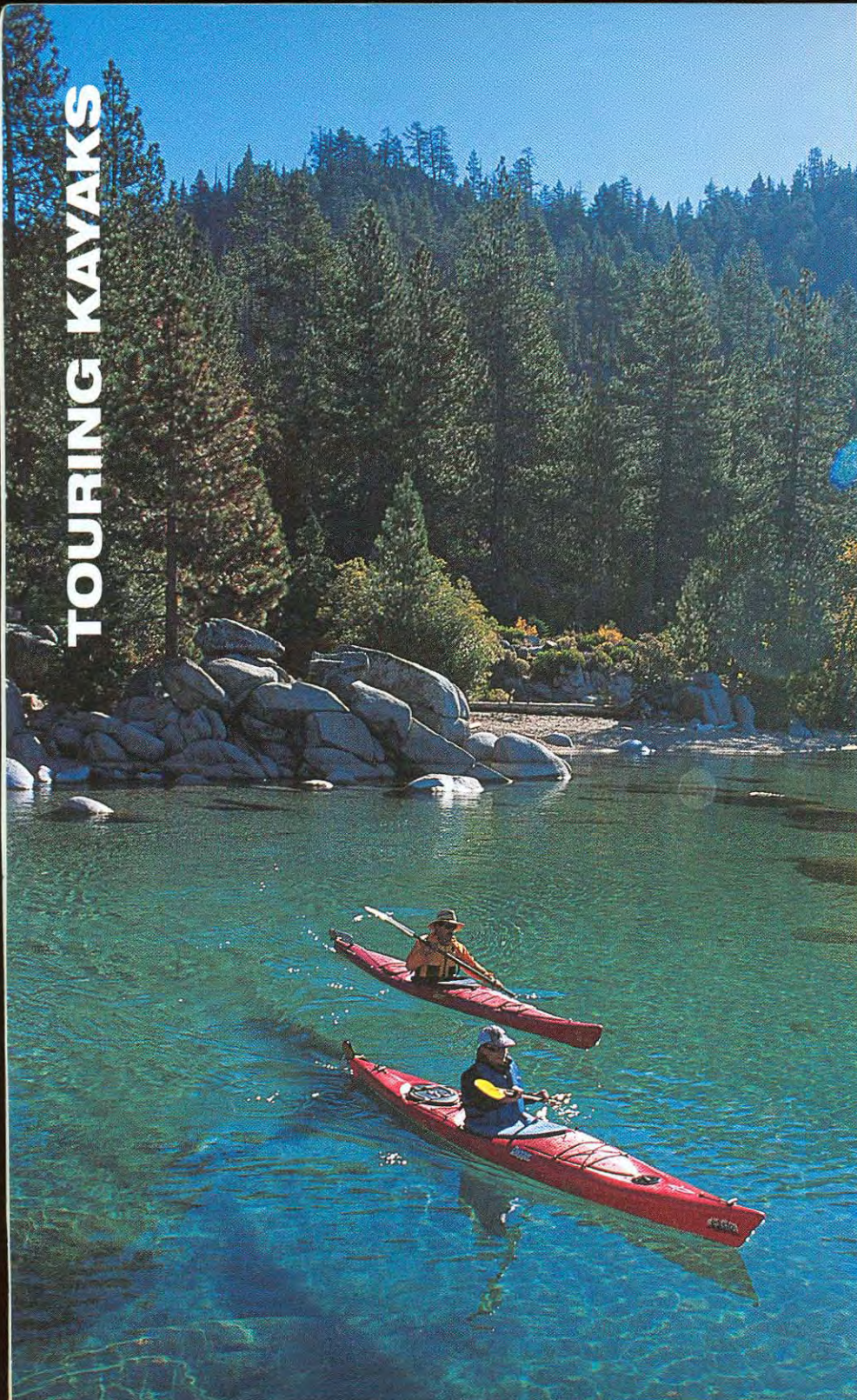
#### Accessory Options:

Retractable rudder

**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



# TOURING KAYAKS



Left: Dawn and Gary take advantage of fall season solitude at Lake Tahoe, Nevada. *photo by Larry Prosor.* Below: Randy Smith at sunrise off the Baja coast near Cabo Pulmo. *photo by Wiley/Wales.* Right: Paddle, sail, paddle, sail - sometimes life is really hard - Prince William Sound, Alaska. *photo by Sue Langfitt.*

## Meridian

I think of the Meridian as a touring playboat for those who like a little sportiness in their paddling life. It's nimble in the surf zone and has good speed when power paddling against the tide at the inlet to a tidewater glacier. A tremendous amount of design effort went into the Meridian. We wanted the classic West Greenland look but with more initial stability and comfort than that type of boat usually provides. Dagger's composite wing really came through here, producing a high-tech, vacuum-bagged, expedition-ready, stiff kayak of excellent strength and durability, weighing as little as 45 pounds! The more you look, the more you paddle, the more you realize the Meridian is a very different and exciting boat!

**Steve Scarborough**

*Dagger Vice President of Design*

**Length:** 16' (488 cm)

**Width:** 22" (56 cm)

**Weight:** Glass 49 lbs. (22 kg)

Kevlar™ 44 lbs. (20 kg)

**Cockpit:** Length 31.5" (80 cm)

Width 16.5" (42 cm)

**Bow Hatch Volume:** 3696 cu in.

**Stern Hatch Volume:** 6237 cu in.

**Recommended maximum load:**

Paddler and gear - 280 lbs. (127 kg)

**Material:** Glass/Spheretex™ or Kevlar®/Spheretex™

**Standard outfitting includes:** Deluxe PD Designs backband, full anatomically designed seat, keyhole cockpit with built-in neoprene-padded thigh braces, adjustable 17" Yakima foot braces, carrying toggles, mounted water bottle holder under deck with water bottle, shock cord deck rigging with additional safety perimeter lines, recessed deck fittings, Kajak Sport™ hatches from Finland, no leak fiberglass bow and stern bulkheads, recessed compass mount

**Accessory Option:** Day hatch with storage bag

**Colors:** Boysenberry, Light Blue, Red, High Optic Yellow, Mint, Ivory





## Seeker

As a panicky beginner, the Seeker was one of the first touring kayaks I paddled. I had only minimal kayaking skills, yet I had an easy time maneuvering, going straight, and most importantly, staying upright.

Now my skills are more advanced. I paddle in the ocean and open water more, take long overnight excursions, and compete in flat water races. Remarkably the Seeker still suits all my needs. I find that it tracks well and remains stable even when conditions get rough. Because of its sophisticated hull design the Seeker is a really quick boat and at races is competitive with more expensive composite boats.

I'm sure my needs will change again in future years, but I know the Seeker will always remain my favorite boat.

### Eileen Carty-Hadden

Team D Athlete

**Length:** 16' (488 cm)

**Width:** 23.5" (60 cm)

**Weight:** Basic 54 lbs. (24.5 kg)  
Exp. 60 lbs. (27 kg)

**Cockpit:** Length 34" (86 cm)  
Width 18" (46 cm)

**Bow Hatch Volume:** 2310 cu in.

**Stern Hatch Volume:** 8085 cu in.

**Recommended maximum load:**

Paddler and gear - 280 lbs. (127 kg)

**Material:** EXL™

**Standard outfitting includes:** Bow and stern access hatch with neoprene covers and hard hatches, deck lines and shock cord deck rigging, inside security loops for gear and flotation, seat with adjustable backrest, easy adjustable foot braces, carrying toggles, molded-in graphics, bow and stern flotation in basic models

**The optional Expedition version contains the above, plus:** Seat with adjustable backrest, padded seat and backrest cover, additional shock cord deck rigging, paddle float assisting deck rigging, installed minicell bulkheads, stern hard hatch attachment, static lines, paddle float assisting deck rigging, neoprene thigh pad,

**Accessory Option:** Retractable rudder  
**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



## Sitka

I've found the perfect boat! The Sitka has the features and performance to take you to that "blank on the map" in style, comfort, and safety. I paddled a Sitka for five days exploring the remote and exposed Brooks Peninsula on Canada's Vancouver Island. In this boat I was confident and exhilarated riding the huge swells of the Pacific. With two large hatches the Sitka swallows gear with ease. The innovative day-hatch bag maximizes storage space. Check out the integral built-in rudder! This rudder combines minimal drag with no bulky cords. Of course, all the deck features are fully recessed to minimize spray. When, where you dream to go is really out there, the Sitka is the kayak to take you there!

### Andy Bridge

Dagger Composites Manager

**Length:** 17' 11" (537.5 cm)

**Width:** 22" (55 cm)

**Approx. wt.:** Glass - 56 lbs. (25 kg)  
Kevlar - 50 lbs. (22 kg)

**Cockpit:** Length 31.5" (79 cm)

Width 16.5" (41 cm)

**Bow Hatch Volume:** 7,392 cu. in.

**Stern Hatch Volume:** 9,702 cu. in.

**Recommended maximum**

**load:** 320 lbs. (144 kg)

**Material:** Glass/Spheretex™ or  
Kevlar/Spheretex™

### Standard expedition outfitting

**includes:** Integral urethane foil rudder with internal lock, Deluxe PD Designs backband, full anatomically designed seat, keyhole cockpit with built-in neoprene-padded thigh braces, adjustable 17" Yakima foot braces with "butterfly" pedals, carrying toggles, mounted water bottle holder under deck with water bottle, shock cord deck rigging with additional safety perimeter lines, recessed deck fittings, three Kajak Sport™ hatches from Finland with built-in day hatch bag, no leak fiberglass bow and stern bulkheads, recessed compass mount,

**Colors:** Boysenberry, Light Blue, Red, High Optic Yellow, Mint, Ivory



## Vesper

As the morning sun was lifting behind my shoulder, the frost receded from the ground, and my nose crinkled with the chill. It had been a busy, hectic year, and I needed some R&R, so I grabbed my Vesper. It's light and easy for me to carry. I can use it cruising on a mellow river or for a day's outing on Lake George. I slipped it into the mist-covered water. A loon let out a wail and suddenly my world was transformed into an alluring escape. I glided quietly toward the meandering stream which led me deeply into the marsh, hovering over shallow sandy bottoms and through patches of reeds. As an osprey took flight ahead, I felt a richness in my solitude.

### Lisa Otey

Dagger Northeast Sales Rep.

**Length:** 13'10" (422 cm)

**Width:** 23.75" (60 cm)

**Weight:** Basic 45 (20.5 kg)

Exp. 50 lbs. (23 kg)

**Cockpit:** Length 33" (84 cm)

Width 18" (46 cm)

**Stern Hatch Volume:** 7623 cu in.

**Recommended maximum load:**

Paddler and gear - 220 lbs. (100 kg)

**Material:** EXL™

### Standard outfitting includes:

Stern access hatch with neoprene cover and hard hatch, bow and stern flotation in basic models only, deck lines and shock cord deck rigging, inside security loops for gear and flotation attachment, seat with adjustable backrest, easy adjustable foot braces, carrying toggles, molded-in graphics

### The optional Expedition version

**contains the above, plus:** Seat with adjustable backrest, padded seat and backrest cover, additional shock cord deck rigging, paddle float assisting deck rigging, installed stern minicell bulkhead, bow flotation, stern hard hatch attachment, neoprene thigh pad,

**Accessory Options:** Retractable rudder, skeg

**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



# SIT-ON-TOPS

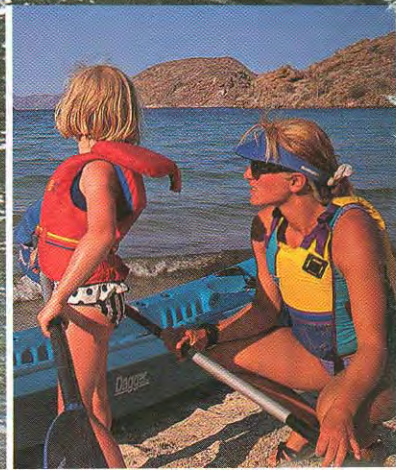
Playing on the water in a kayak can be incredibly joyful. Now more and more people are experiencing that joy from a Dagger Sit-On-Top kayak. Sit-On-Top kayakers take away the anxiety of having your legs inside a confined space. Relax and enjoy where you are; playing in the rapids on a whitewater river, fooling around in the surf at the coast, lounging beyond the breaking waves while your friends are Scuba diving below you or enjoying a summer afternoon soaking up the sun. Check out our newest model the Cayman. With a space perfect for holding your air tank, it is a terrific diving platform as well as a great cruiser. An optional, yet uniquely affordable rudder completes the package.

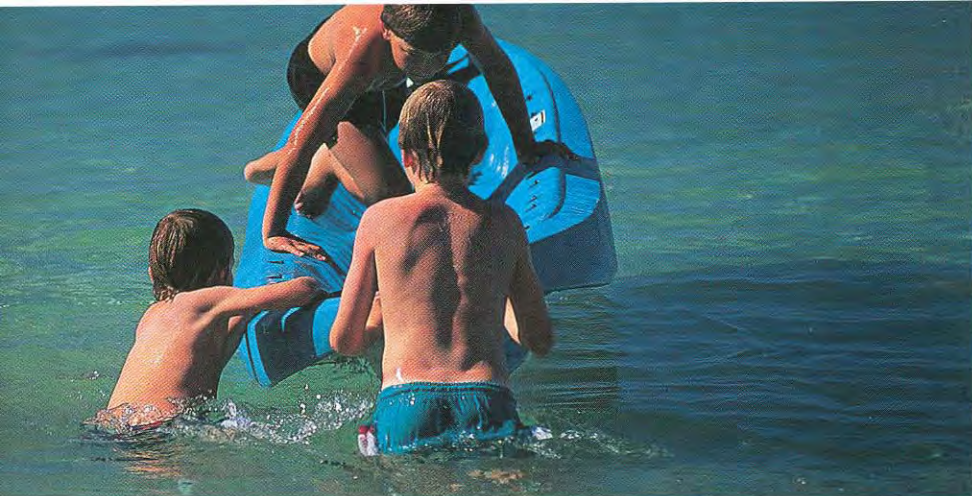
Dagger Sit-On-Tops make kayaking easily accessible for everyone with models for surf, touring and whitewater and at affordable prices.



	Solo	Tandem	Lakes	Rivers	Open Water	Family Paddling	Easy Whitewater	Difficult Whitewater	Camping	Fishing	Performance	Cruising	Efficiency	Quick turning	Tracking
<b>Cayman</b>	★	○	★	●	●	★	●	○	●	●	●	★	★	●	★
<b>Frolic</b>	★	○	★	●	●	★	●	○	●	●	●	★	●	●	★
<b>Pegasus</b>	★	○	★	●	●	★	★	●	●	●	●	★	●	★	●
<b>Tiki</b>	●	★	★	●	●	★	●	○	●	●	●	★	●	●	★

Guides ★ Excellent ● Good ○ Fair ○ Not Suitable





Far left: Lawrence Klein and Alex Scott playing in the waves at the Oregon Coast. *photo by Robert Reynolds.* Left: Playing king-of-the-boat at Bahia Concepcion, Baja California. *photo by Grant Amaral.* Below left: Jen Abbott and Katelon Starre prepare for an outing of just the girls in Baja. *photo by Grant Amaral.*

## Cayman

Floating above the Pacific shelf I peered down watching my friends about 25 feet below me looking for abalone. My SCUBA tank sat perfectly right behind me in the recessed area of my new Cayman. It was so relaxing just sitting and soaking up the sun. I pulled Ann's Cayman over and grabbed a cold drink from the cooler sitting on her boat. The Cayman glides so nicely and is so stable, it made paddling out past the break easy. When my buddies came back to the surface we cruised back to shore, dumped off the tanks and played in the surf. This boat is totally at home in so many types of water its hard to decide where to go next!

**Sue Langfitt**  
Dagger Advertising/Marketing Consultant

**Length:** 12' 6" (375 cm)  
**Width:** 29" (72.5 cm)  
**Depth:** 10" (25 cm)  
**Approx. Wt.:** 58 lbs. (26 kg)  
**Recommended paddler weight range:** 100 - 300 lbs. (45-135 kg)  
**Material:** EXL™

**Standard outfitting includes:** Easy Grip™ carry handles, recessed deck loops and seat accessory loops, drain plug, quick draining self-bailing scuppers, recessed area for scuba tank or cooler and a hatch, solo side carry handles, access hatch, front and rear storage straps, molded-in graphics.  
**Options:** Integral rudder  
**Standard Color:** Multi-color  
**Optional or Custom Colors:** Blue, Purple, Red, Teal, Yellow, Black, White



## Frolic

My son & I like to take our Frolics out on Watt's Bar Lake, especially on hot weekends. They're great for fishing over the side and when the fish stop biting in the heat of the day, our Frolic is a perfect platform where we can swim and enjoy the water. It's so easy, it will hold a picnic lunch and then some...anybody can paddle one. We hear it's also a lot of fun playing in the surf and scuba diving off the coast - we'll see about that next summer!

**Natalie Chaboudy**  
Dagger Marketing

**Length:** 10' (305 cm)  
**Width:** 30" (76 cm)  
**Depth:** 20" (50.5 cm)  
**Approx. Wt.:** 45 lbs. (20 kg)  
**Recommended paddler weight range:** 100-300 lbs. (45-136 kg)  
**Material:** EXL™

**Standard outfitting includes:** Easy Grip™ carry handles, recessed deck loops and seat accessory loops, drain plug, quick draining self-bailing scuppers, recessed scuba tank storage area, solo side carry handles, access hatch, front and rear storage straps, molded-in graphics  
**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color



## Tiki

The Tiki can be paddled tandem or solo and is a tremendous paddling craft for family entertainment. Mom, Dad and a little one can have a ball paddling in the ocean surf, on lakes, or on slow rivers: anywhere water can be found. This sit-on-top is a stable fishing, swimming, and diving platform. It comes outfitted with recessed accessory attachment points, large storage capacity, cargo retaining straps, molded-in beverage holders, side carrying handles, and two standard hatches. Jam-packed with fun, the Tiki is a versatile way to play on the water with your family and friends.

**Dan Gadsden**  
Dagger Production Engineer

**Length:** 13' (396 cm)  
**Width:** 32" (81 cm)  
**Depth:** 22" (55.5 cm)  
**Approx. Wt.:** 70 lbs. (31.5 kg)  
**Recommended total paddler weight range:** 140-450 lbs. (63.5-205 kg)  
**Material:** EXL™

**Standard outfitting includes:** Easy Grip™ carry handles, recessed deck loops and seat accessory loops, drain plug, quick draining self-bailing scupper, two access hatches, front and rear storage straps, molded-in graphics.  
**Colors:** Blue, Purple, Red, Teal, Yellow, Multi-color

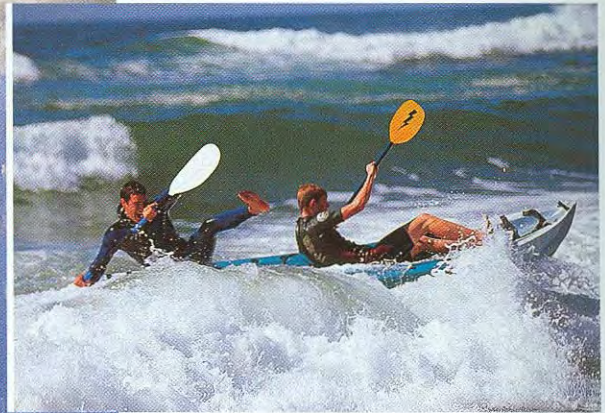
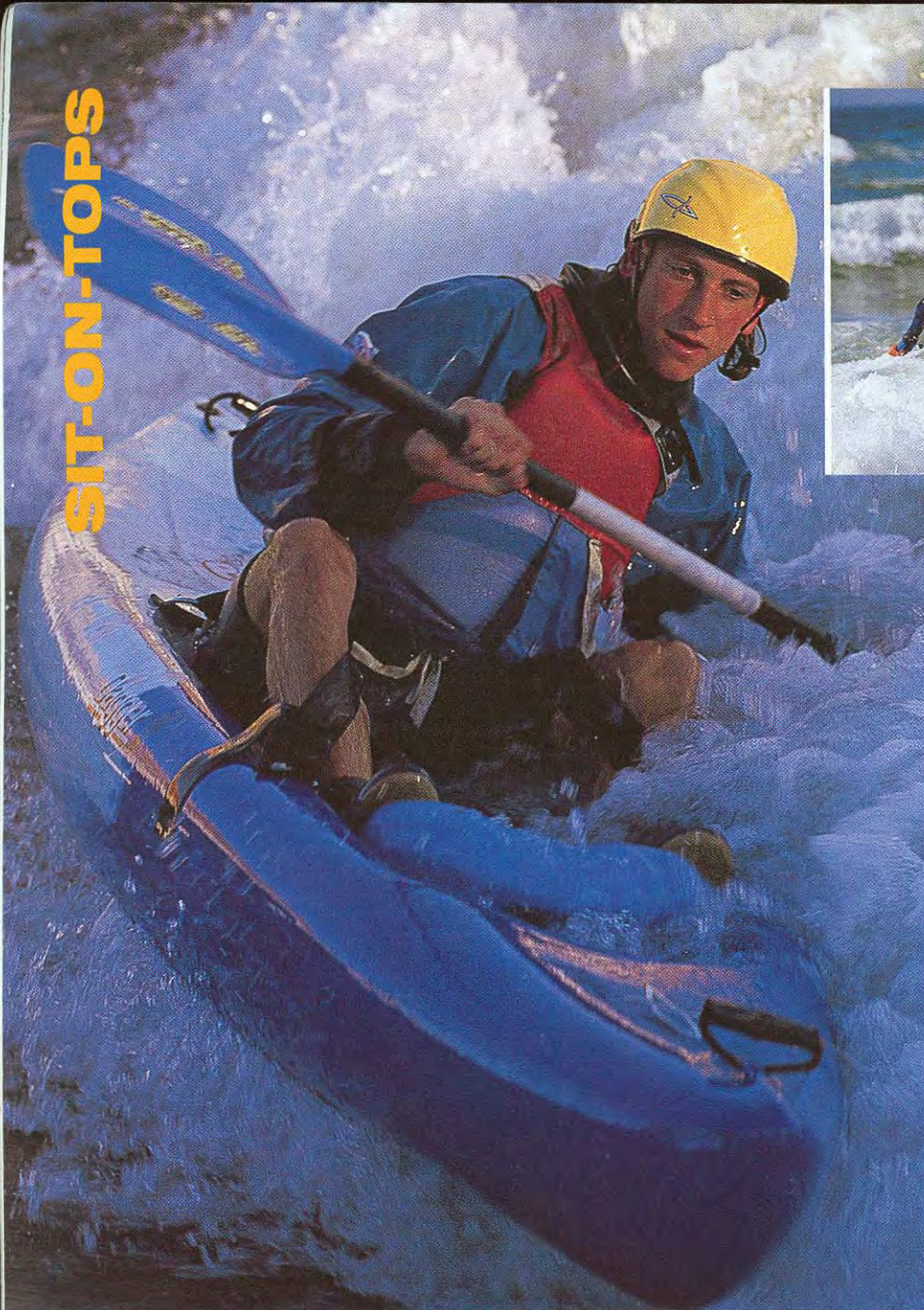


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1376  
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CHERRY  
TRIP  
PIVOTS  
ALUMINUM

Viking Nylon  
HATCHES 8" SIZE  
BATES will PTT  
(Viking Marketing) 213-432-2259

Stone  
784-449-8889

SIT-ON-TOPS



## Pegasus

A ride on a Pegasus is one you won't soon forget! Everyone, from beginners to experts, has a blast on this boat. Its stability, tracking, and maneuverability, make this boat a great choice for running rivers, surfing waves at the beach, or, my favorite, creeking. The standard thigh straps and adjustable bulkhead footbrace make it very comfortable. A water bottle and day-hatch are also in easy reach. So whether you're punching through holes and riding out wavetrains or surfing the waves trains and doing enders in the holes, this white-water sit-on-top promises to be one wild and fun ride.

### Ray Taylor

*Dagger Product Development*

**Length:** 10'6" (320 cm)

**Width:** 29" (73.7 cm)

**Depth:** 13" (32.5 cm)

**Weight:** 48 lbs. (22 kg)

**Recommended paddler weight range:** 90-220 lbs. (40-100 kg)

**Material:** EXL™

**Standard outfitting includes:** Quick Trak™ adjustable foot braces (patent pending), drain plug, water bottle, thigh straps, central storage hatch with liner, rear "haul-in" handle, bow & stern grab handles, cockpit drain holes, molded-in graphics  
**Colors:** Blue, Purple, Red, Teal, Multi-color



Above: Brian Huck side-surfs his Pegasus in the rodeo hole at the Payette. *photo by Grant Amaral.* Above right: Lawrence Klein and Alex Scott play in the summer surf at the Oregon coast enjoying hot days and cool water. *photo by Robert Reynolds.* Far right: Dwarfed by the majesty of the Tetons, Rob Haggert paddles across String Lake. *photo by Greg Von Doersten.*



# TOURING CANOES

**d**agger set the canoe world spinning when we began designing and producing our innovative new boats in 1988. In less than a decade many of our designs have set new standards around the world. Every Dagger boat is hand-built. Each part is there for a reason.

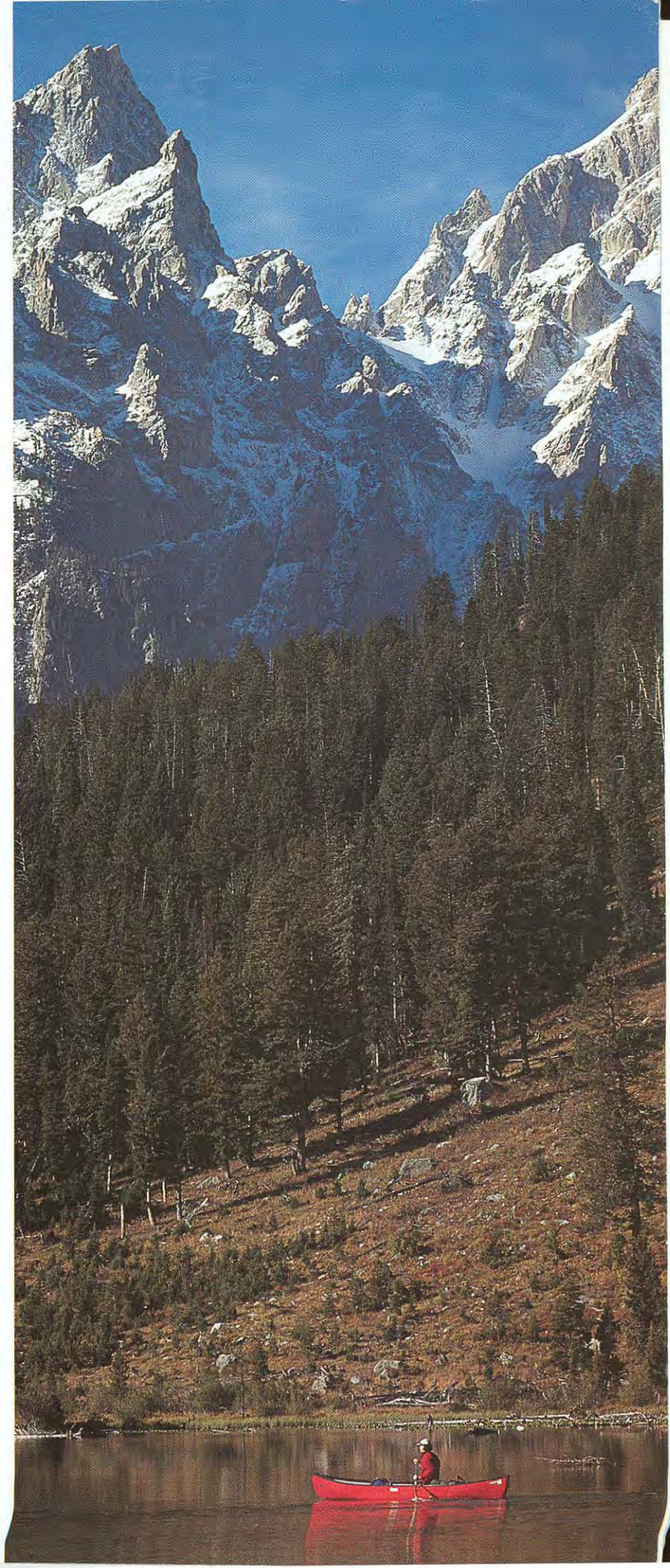
Our "designmeister" Steve Scarborough spent years racing and winning canoe competitions. His expertise combined with the technology of today's computer design programs have created amazing new designs. Designs that have literally changed the way canoes look and paddle. Dagger's introduction of highly-efficient asymmetrical RoyaleX hulls was a benchmark. Dagger also pioneered the use of R-Light™ and custom formed RoyaleX for lower weight and greater strength.

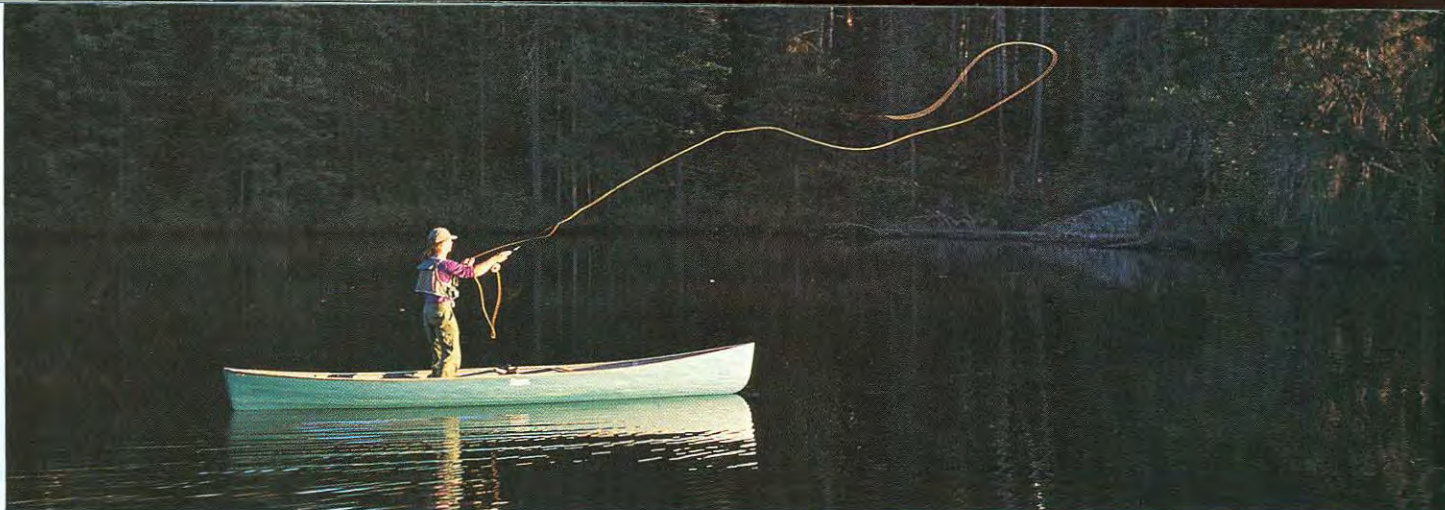
This year's newest touring canoe, the Suwannee is perfect for families and sportsmen who place top priority on stability but want a boat that still paddles like a Dagger.

Take a look at Dagger canoes. One of our eight touring canoe choices will be right for what ever type of paddling you want to do - from your first afternoon outing in a pond to a month long expedition in the Northwest Territories!

Guides ★ Excellent ● Good ◐ Fair ○ Not Suitable

	Solo	Tandem	Lakes	Rivers	Family Paddling	Easy Whitewater	Difficult Whitewater	Wilderness Tripping	Camping	Fishing	Performance	Cruising	Stability	Efficiency	Quick Turning	Tracking
<b>Legend</b>	◐	★	●	★	★	★	★	●	●	★	★	★	●	★	●	●
<b>Passage</b>	◐	★	★	●	●	●	○	○	●	★	●	●	●	★	●	★
<b>Reflection 15</b>	●	★	★	★	★	★	○	○	●	★	●	●	●	★	●	●
<b>Reflection 16</b>	●	★	★	★	★	★	○	○	●	★	★	★	★	★	★	★
<b>Sojourn</b>	★	○	★	★	●	★	○	○	★	★	●	●	●	★	★	●
<b>Suwannee</b>	◐	★	★	★	★	★	○	○	●	★	★	★	★	★	●	●
<b>Tupelo</b>	★	○	★	●	★	○	○	○	○	◐	●	●	●	★	●	●
<b>Venture 17</b>	◐	★	★	★	★	★	★	●	★	★	★	★	★	★	★	★





## A canoeist's mini-glossary

Terms and definitions to keep in mind when comparing canoes.

**Asymmetrical hull** - The front half of the hull is shaped differently from the rear half. This can contribute to more efficient paddling over a wide range of speeds.

**Rocker** - Curvature of the hull from bow to stern. A great amount of rocker contributes to quick turning. A lesser amount contributes to the boat tracking (paddling in a straight line) and increased speed.

**Tumblehome** - The hull above the waterline curves in toward the center of the boat. This allows for easier reach and more efficient paddling strokes.

**Chine** - The transition between the side of a boat and the hull. A boat that is flat-bottomed with a very quick transition to a vertical side would have extremely hard chines.

**Stability** - A measure of a boat's resistance to capsizing when used for its intended purpose. Stability is affected by hull design, paddler skill and prevailing conditions.

**Flare** - The hull shape above the waterline tilts outward. This deflects waves and provides maximum buoyancy for a drier canoe.

**Royalex** - A foam core sandwiched between sheets of ABS with layers of vinyl on the outside. Royalex and R-Light™ are the most durable materials used for canoe construction.

**R-Light™** - Available only from Dagger, this new Royalex derivative, also based on ABS with a foam core, is extremely durable. R-Light™ can reduce the weight of some canoes by as much as 10 lbs.

## ROYALEX™

A product of Royalite Thermoplastics

Dagger is proud to use Royalex and R-Light™, the heart of the toughest canoes made in the USA!

## Legend

Here in East Tennessee we are lucky to have a lot of water. Rivers of all sizes. Wide open reservoirs. Small ponds filled with bluegills. Whitewater rivers. Very rocky whitewater rivers. The Legend allows me access to ALL of these bodies of water. Its stability, large carrying capacity, and tracking make it ideal for a family afternoon on the lake. Its maneuverability, dryness and bombproof durability allow me to be comfortable on Class I-III whitewater. In this day and age our world seems to spin at fast forward. The Legend is the perfect escape from the frenzy.

### Floyd Jackson

*Dagger Canoe Wood Trim Dept.*

**Length:** 16' (488 cm)  
**Maximum beam:** 35" (89 cm)  
**Beam @ 4" w/l:** 33.5" (85 cm)  
**Depth midsection:** 14.5" (36.5 cm)  
**Depth ends:** 17" (43 cm)  
**Rocker:** 2" (5 cm)  
**Approx. Wt.:**  
 Vinyl trim 76 lbs. (35 kg)  
 Wood trim 70 lbs. (32 kg)  
**Shape/ends:** Rounded Flare  
**Shape/midsection:** Straight  
**Hull Symmetry:** Symmetrical  
**6" freeboard capacity:**  
 \*\*1200 lbs. (545 kg)  
**Seats:** Cane  
**Hull Material:** Royalex

**Standard:** Vinyl gunwales with aluminum inserts and polyethylene deckplates, portage yoke, under-seat water bottle holder and bottle

**Options:** Webbed seats, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)

**Colors:** Red, green

\*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.



## Passage

The Passage is the ultimate family boat for our active lifestyle. It holds all the camping gear we want to carry as well as two dogs and our three-year-old son.

R-Light™ makes it amazingly light for a canoe this big. It is easy to load on the car or portage. It gets up to speed quickly and is surprisingly fast. Fast enough to win recreational class races, yet stable enough for an afternoon fishing. The price is right for our budget. As for durability, I'm sure we will pass our boat on to our son when he starts paddling with friends.

### David Hadden

*Dagger Marketing*

**Length:** 17'4" (528 cm)  
**Maximum beam:** 35.5" (90 cm)  
**Beam @ 4" w/l:** 33" (84 cm)  
**Depth midsection:** 13.75" (35 cm)  
**Depth ends:** \*18" (45.5 cm)/  
 17" (43 cm)  
**Rocker:** \*2.5" (6.5 cm)/.5" (1.3 cm)  
**Approx. Wt.:**  
 Alum. trim 69 lbs. (31 kg)  
 Wood trim 64 lbs. (29 kg)  
**Shape/ends:** Slight Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
 \*\* 1100 lbs. (500 kg)  
**Seats:** Cane  
**Hull Material:** R-Light™

**Standard:** Aluminum gunwales and polyethylene deckplates, bow slider seat, portage yoke, under-seat water bottle holder and bottle

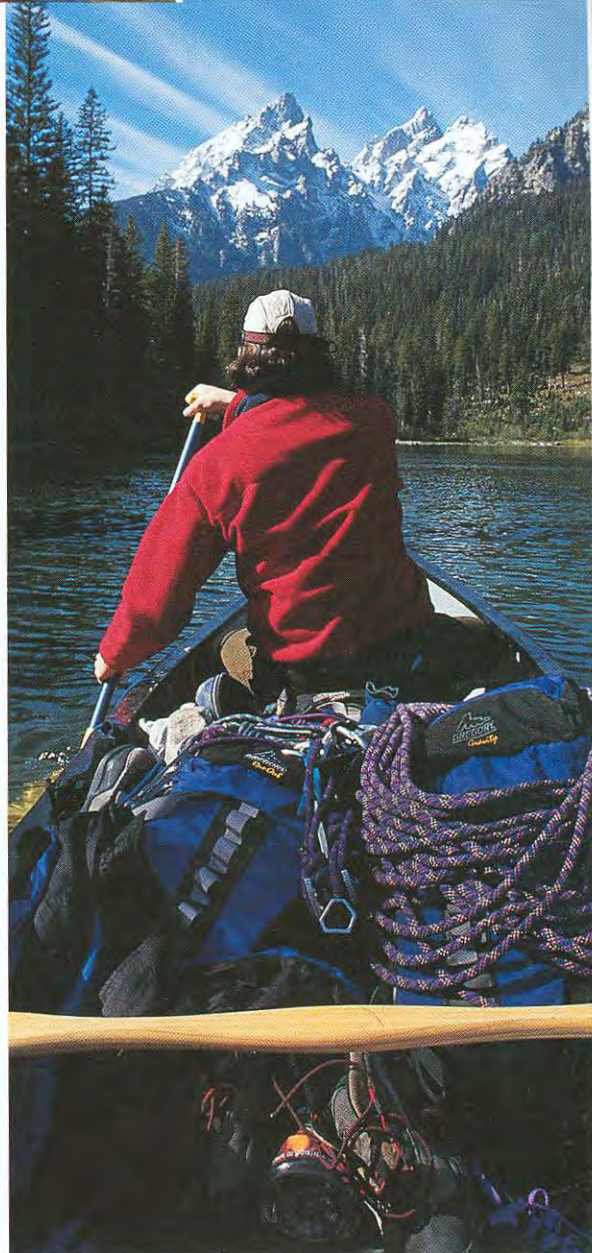
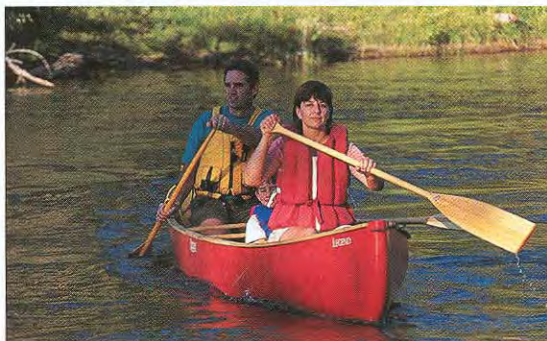
**Options:** Fixed hanging bow seat, webbed seats, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)

**Colors:** Teal, sand, green

\* bow/stern

\*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.

Left: Chuck Wales at Trant Lake in Quetico Provincial Park, Canada throws the fly, catches the fish, releases the fish. Throw, catch, release, throw, catch, release. It's a tough job, but someone has to do it. *photo by Wiley/Wales*. Right: Chris Meyer & Sandra Breuer take their son Alex for an afternoon outing on the Boise River, Idaho. *photo by Glenn Oakley*. Far right: Rob Haggert with "a ways to go" across Leigh Lake en route to Mount Moran in the Tetons. This route avoids the thrashy brush and large bears that make land access to this pristine area difficult. *photo by Greg Von Doersten*.



## Reflection 15

For pure relaxed canoeing enjoyment it's hard to beat the Reflection 15. A joy to paddle even for a novice in fairly rough conditions. Its light weight and smaller size make it easy to handle, which I really appreciate especially when paddling alone. Though more often or not I have a grandchild or two along for the ride.

The Reflection 15 is so versatile that I can focus on God's creation around me... sunset across a lake, a tight meandering stream, exciting swells rolling through a pass into a broad bay; it handles each with ease.

**Juanita Guinn**  
*Loving Dagger Mom*

**Length:** 15'4" (467 cm)  
**Maximum beam:** 34" (86 cm)  
**Beam @ 4" w/l:** 33" (84 cm)  
**Depth midsection:** 13.5" (34 cm)  
**Depth ends:** 16.5" (42 cm)  
**Rocker:** 1" (2.5 cm)  
**Approx. Wt.:**  
Alum. trim 57 lbs. (25.6 kg)  
Wood trim 55 lbs. (25 kg)  
**Shape/ends:** Slight Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\* 800 lbs. (363 kg)  
**Seats:** Cane  
**Hull Material:** R-Light™  
**Standard:** Aluminum gunwales with polyethylene deckplates, portage yoke, under-seat water bottle holder and bottle  
**Options:** Webbed seats, center seat, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)  
**Colors:** Teal, sand, green

\*\* For volume comparison only. Actual sale capacity depends on factors such as water conditions and paddler skills.



## Reflection 16

Put the Reflection 16 at the top of my list of all-time favorite canoes. Its stability and room make it perfect for a weekend trip for my family of four. It's comfortable on windswept lakes, saltwater marshes or Class II whitewater. I prefer the three-seat version which allows me to paddle solo, or provides extra seating for the kids. Unlike other "family canoes", the Reflection 16 is a really sophisticated, efficient design. It has the hull speed and glide I enjoy when "paddling for the sake of paddling." Need one canoe for all uses? I can make no stronger recommendation than the Reflection 16.

**Joe Pulliam**  
*President of Dagger*

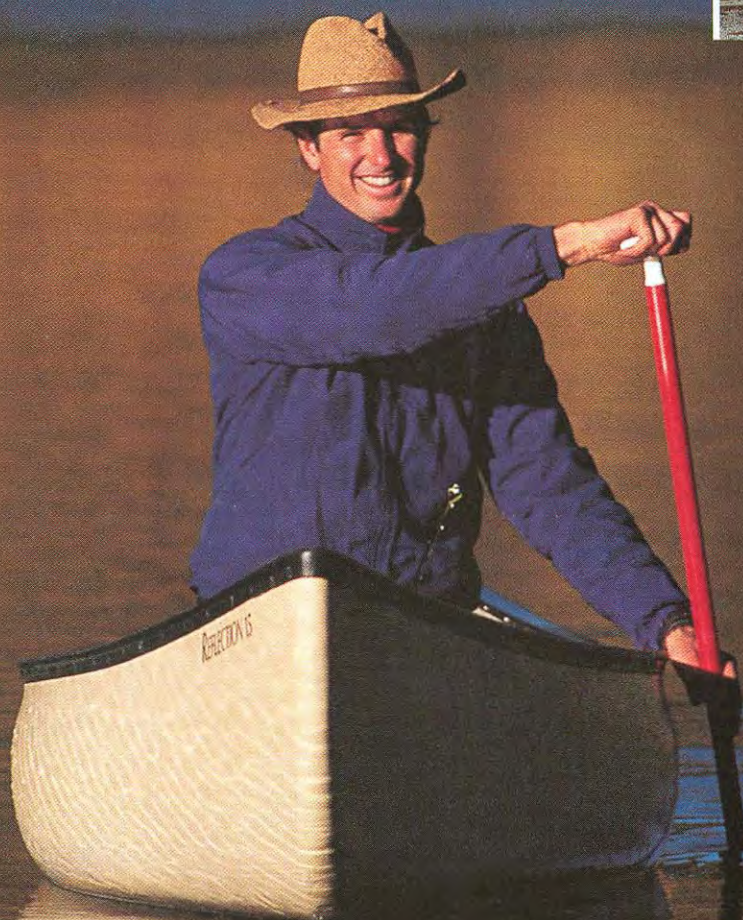
**Length:** 16'4" (498 cm)  
**Maximum beam:** 35" (89 cm)  
**Beam @ 4" w/l:** 33" (84 cm)  
**Depth midsection:** 14" (35.5 cm)  
**Depth ends:** 17" (43 cm)/16.5" (42 cm)  
**Rocker:** \*2.25" (6.5 cm)/.5" (12.5 cm)  
**Approx. Wt.:**  
Alum. trim 63 lbs. (28 kg)  
Wood trim 60 lbs. (27 kg)  
**Shape/ends:** Slight Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\* 940 lbs. (426 kg)  
**Seats:** Cane  
**Hull Material:** R-Light™

**Standard:** Aluminum gunwales with polyethylene deckplates, portage yoke, under-seat water bottle holder and bottle  
**Options:** Webbed seats, center seat, bow slider seat, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)  
**Colors:** Teal, sand, green

\* bow/stern

\*\* For volume comparison only. Actual sale capacity depends on factors such as water conditions and paddler skills.

# TOURING CANOES



Far left: Jeff Heffner on Cottonwood Lake near Buena Vista, CO. *photo by Tim Brown.*  
 Left: A quick outing after breakfast and before work! Tom Windham grabs the Tupelo for a late morning paddle on a South Carolina river. *photo by Larry Workman.*  
 Below: Tim Breuer & Cheryl Nelson on the Owyhee River in Oregon. *photo by Glenn Oakley.*

## Sojourn

Here's a lean, mean Minnesota-style touring machine that's born to run. The Sojourn matches the speed and overall performance of composite solos yet costs hundreds of dollars less. Paddle the Sojourn for an hour on a quiet pond and she'll make you smile. Paddle her for a week in the Boundary Waters and you'll glue on a grin. Sojourn tracks confidently, turns easily, and becomes more stable when leaned "freestyle" to the rails. She feels responsive (doesn't bog down and plow in waves) right up to her limit of around 350 pounds. Sojourn's elegant lines and classic good looks mark her as a "canoeist's canoe". No need to tell your friends she didn't cost a fortune!

### Cliff Jacobson

*Team D Athlete, Outdoor Writer and Wilderness Guide*

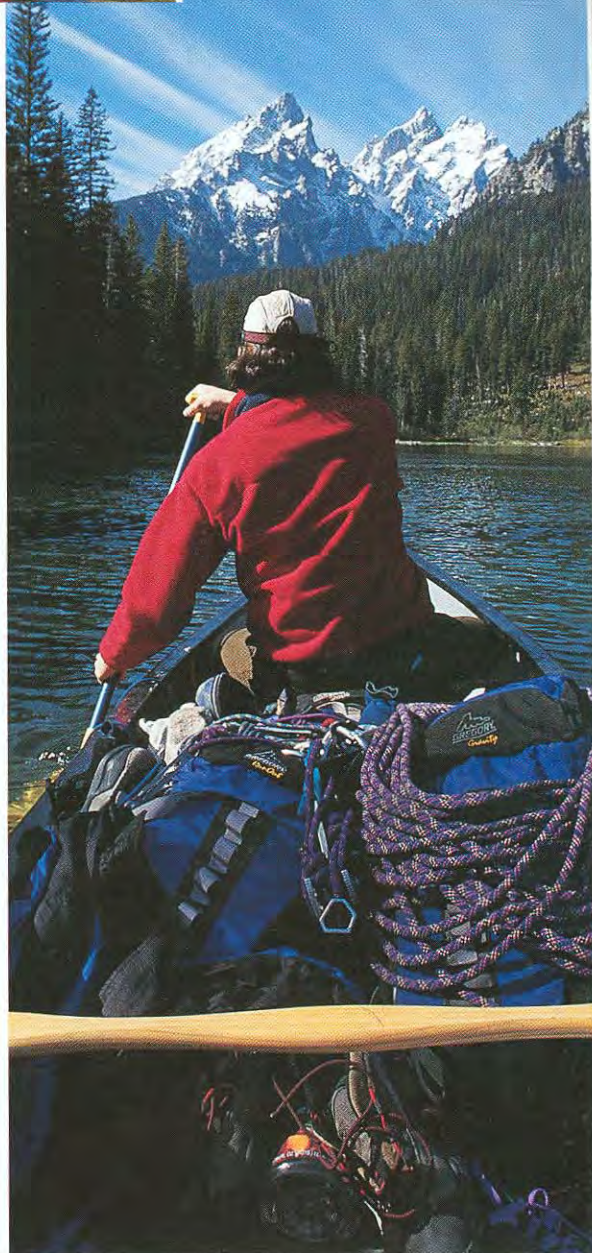
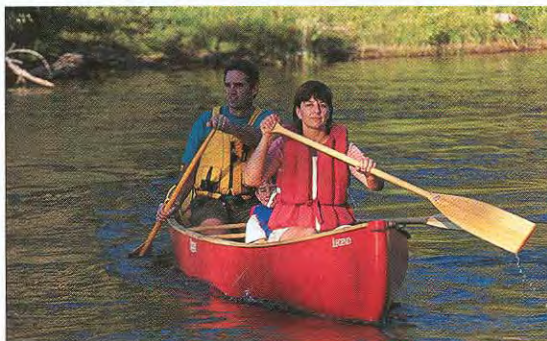
- Length:** 14'9" (450 cm)
- Maximum Beam:** 29" (74 cm)
- Beam @ 4" w/l:** 27" (69 cm)
- Depth midsection:** 12.5" (31.5 cm)
- Depth ends:** 17" bow (43 cm)  
16" stern (40.5 cm)
- Rocker:** "0.5" (1.3 cm)/0" (0 cm)
- Approx. Wt.:**  
Alum. trim 47 lbs. (22 kg)  
Wood trim 44 lbs. (20 kg)
- Shape/ends:** Slight Flare
- Shape/midsection:** Tumblehome
- Hull symmetry:** Asymmetrical
- 6" freeboard capacity:** \*\*480 lbs. (218 kg)
- Seats:** Cane
- Hull Material:** R-Light™

**Standard:** Aluminum gunwales and polyethylene deckplates, lightweight contoured thwart, under seat water bottle holder and bottle  
**Options:** Sliding center seat, webbed seat, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)  
**Colors:** Teal, sand

\* bow/stern  
 \*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.



Left: Chuck Wales at Trant Lake in Quetico Provincial Park, Canada throws the fly, catches the fish, releases the fish. Throw, catch, release, throw, catch, release. It's a tough job, but someone has to do it. *photo by Wiley/Wales*. Right: Chris Meyer & Sandra Breuer take their son Alex for an afternoon outing on the Boise River, Idaho. *photo by Glenn Oakley*. Far right: Rob Haggert with "a ways to go" across Leigh Lake en route to Mount Moran in the Tetons. This route avoids the thrashy brush and large bears that make land access to this pristine area difficult. *photo by Greg Von Doersten*.



## Reflection 15

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**Juanita Guinn**  
*Loving Dagger Mom*

**Length:** 15'4" (467 cm)  
**Maximum beam:** 34" (86 cm)  
**Beam @ 4" w/l:** 33" (84 cm)  
**Depth midsection:** 13.5" (34 cm)  
**Depth ends:** 16.5" (42 cm)  
**Rocker:** 1" (2.5 cm)  
**Approx. Wt.:**  
Alum. trim 57 lbs. (25.6 kg)  
Wood trim 55 lbs. (25 kg)  
**Shape/ends:** Slight Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\* 800 lbs. (363 kg)  
**Seats:** Cane  
**Hull Material:** R-Light™  
**Standard:** Aluminum gunwales with polyethylene deckplates, portage yoke, under-seat water bottle holder and bottle  
**Options:** Webbed seats, center seat, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)  
**Colors:** Teal, sand, green

\*\* For volume comparison only. Actual sale capacity depends on factors such as water conditions and paddler skills.



## Reflection 16

Put the Reflection 16 at the top of my list of all-time favorite canoes. Its stability and room make it perfect for a weekend trip for my family of four. It's comfortable on windswept lakes, saltwater marshes or Class II whitewater. I prefer the three-seat version which allows me to paddle solo, or provides extra seating for the kids. Unlike other "family canoes", the Reflection 16 is a really sophisticated, efficient design. It has the hull speed and glide I enjoy when "paddling for the sake of paddling." Need one canoe for all uses? I can make no stronger recommendation than the Reflection 16.

**Joe Pulliam**  
*President of Dagger*

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**Depth midsection:** 14" (35.5 cm)  
**Depth ends:** 17" (43 cm)/16.5" (42 cm)  
**Rocker:** \*2.25" (6.5 cm)/.5" (12.5 cm)  
**Approx. Wt.:**  
Alum. trim 63 lbs. (28 kg)  
Wood trim 60 lbs. (27 kg)  
**Shape/ends:** Slight Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\* 940 lbs. (426 kg)  
**Seats:** Cane  
**Hull Material:** R-Light™

**Standard:** Aluminum gunwales with polyethylene deckplates, portage yoke, under-seat water bottle holder and bottle  
**Options:** Webbed seats, center seat, bow slider seat, wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates)  
**Colors:** Teal, sand, green

\* bow/stern

\*\* For volume comparison only. Actual sale capacity depends on factors such as water conditions and paddler skills.

# WHITewater CANOES

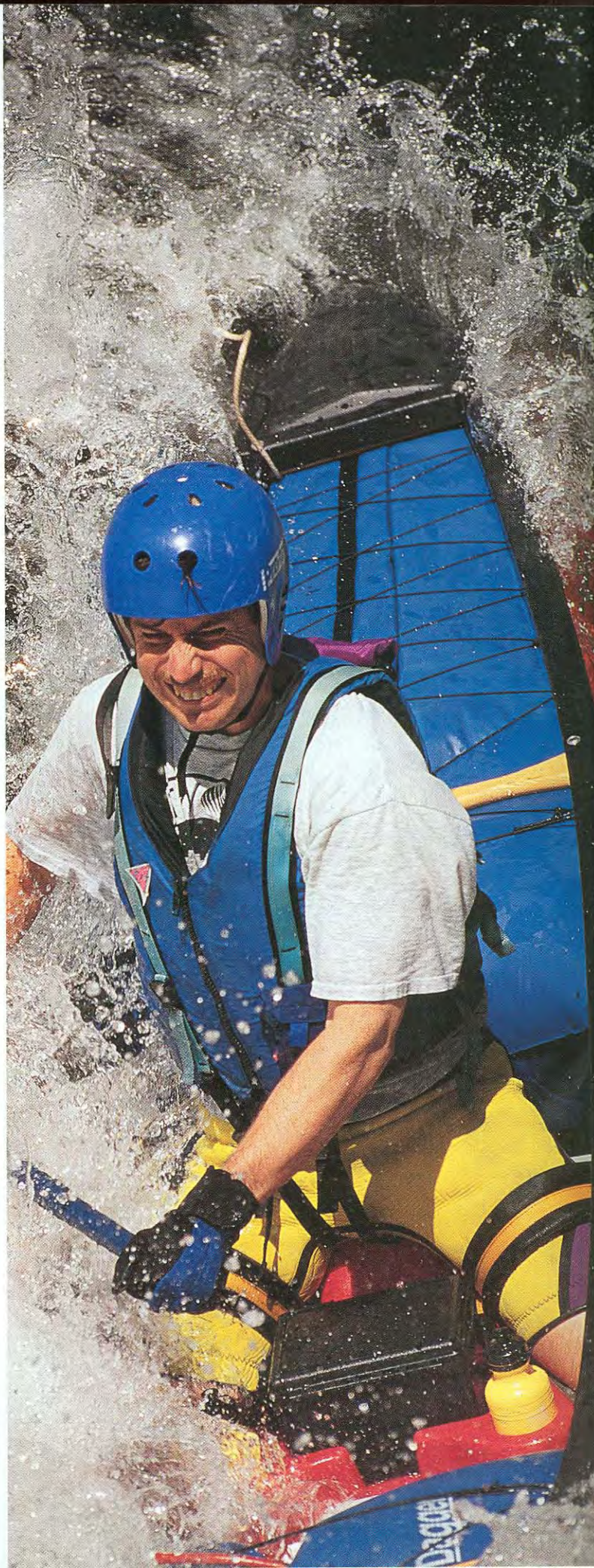
**i**n some minds the realm of “real paddlers” is within the world of white-water canoeing. The pluses and minuses are counted depending on whom you’re talking to. A whitewater open boater sits higher than a whitewater kayaker and thus has a greater range of vision, but because they use a single bladed paddle, there is an “off-side” to consider and the open boater must always contend with keeping water out of the boat. There’s a lot of thinking going on when paddling an open boat down a challenging river.

No company has the selection of whitewater canoes that Dagger does. No company has devoted their resources to developing the best open boats available like Dagger has. We have models for all skill levels, and our newest model, the Ovation, is Steve Scarborough’s latest “hot” boat.

If something about “*half the paddle - twice the paddler*” appeals to you, check out Dagger’s whitewater canoes.

	Solo	Tandem	Stability	Dryness	Tracking	Turning	Surfing	Acceleration
<b>Caption</b>	●	★	●	●	●	★	★	●
<b>Impulse</b>	★	○	★	★	★	●	●	★
<b>Ocoee</b>	★	○	●	★	●	★	●	★
<b>Ovation</b>	★	○	●	★	●	★	★	★
<b>Rival</b>	★	○	●	●	●	●	★	●

Guides ★ Excellent ● Good ● Fair ○ Not Suitable



Right: Lots of water. Lots of fun. Matt Aitken runs Seven-Foot Falls on the Chattooga River in South Carolina. photo by Brian Gomsak.



Left: David Simpson shows us perfect style on the American River in California. *photo by Jack Popowich.* Near left: Brian Wheeler & Chris Ford play in the waves at the Fibark Festival on the Arkansas River. *photo by Tim Brown.*

## Caption

The Caption is a totally outstanding tandem and solo whitewater canoe. We've paddled through some big waves and powerful holes and the Caption responds like a champ. It's surprising how dry the bow paddler remains because of its distinguished flaring bow. If we get to a section of whitewater that one of us wants to paddle and the other doesn't, no problem. One of us will jump in the center and run the drop. The mid-section tumblehome makes paddling it solo a snap. The Caption is terrific to take friends down the river. You can put an advanced paddler in the stern and navigate a beginner down challenging whitewater with no trouble!

**Rebecca Conner and Dick Conner**  
*Dagger Facility Manager*

**Length:** 14' (427 cm)  
**Maximum beam:** 32" (81.5 cm)  
**Beam @ 4" w/l:** 30.5" (77.5 cm)  
**Depth midsection:** 15.5" (39.5 cm)  
**Depth ends:** 16" (40.5 cm)  
**Rocker:** 5" (12.5 cm)  
**Approx. Wt.:**  
Vinyl trim 59 lbs. (27 kg)  
Wood trim 54 lbs. (24.5 kg)  
**Shape/ends:** Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\* 850 lbs. (386 kg)  
**Hull Material:** Royalex

**Standard:** Vinyl gunwales with aluminum inserts, polyethylene deckplates, under-gunwale lash loops, lightweight thwarts, end loops, flotation lash loops  
**Options:** Wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates), fully outfitted  
**Colors:** Red, blue

\*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.

Boat shown with Team Edge outfitting.

## Impulse

I took some heat from my hot-shot friends for paddling an Impulse all these years. They perceived the Impulse as an entry level boat. It's true that it is great for beginners but the Impulse is much more! It will surf right along with any design on the market. The same relatively flat bottom that offers an entry level paddler stability also provides a surfing plane that slides across any size wave with ease. Side surfing and learning to ferry or peeling out into the current is also made easy because of the Impulse's rounded sides. The Impulse tracks better than any of Dagger's whitewater open canoes. No wonder it's a favorite with canoe clubs! On rivers with a lot of flat water it's nice to be able to sit up high on your pedestal, stretch your legs, head down stream and enjoy the day.

**David Rose**  
*Dagger Operations Manager*

**Length:** 12'8" (386 cm)  
**Maximum beam:** 30" (76 cm)  
**Beam @ 4" w/l:** 28.5" (72.5 cm)  
**Depth midsection:** 15.5" (39.5 cm)  
**Depth ends:** 17" (43 cm)  
**Rocker:** 4" (10 cm)  
**Approx. Wt.:**  
Vinyl trim 54 lbs. (24.5 kg)  
Wood trim 49 lbs. (22 kg)  
**Shape/ends:** Rounded Flare  
**Shape/midsection:** Tumblehome  
**Hull Symmetry:** Asymmetrical  
**6" freeboard capacity:**  
\*\*650 lbs. (295 kg)  
**Hull Material:** Royalex

**Standard:** Vinyl gunwales with aluminum inserts, polyethylene deckplates, under-gunwale lash loops, lightweight thwarts, end loops, flotation lash loops  
**Options:** Wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates), fully outfitted  
**Colors:** Red

\*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.

## Ocoee

This is the hottest canoe around! This canoe takes you places and makes moves that you doubted could be done. Designed with a racer's eye, the Ocoee's won more Rodeos than we can count, including the 1995 WORLD WHITewater RODEO CHAMPIONSHIPS. And it just happens to be the best creekin' boat ever. It responds to your subtle weight shifts in an instant as if it could read your mind. For a short boat, the Ocoee is amazingly easy to get up to (and maintain) speed and is surprisingly dry. Not since the Encore has a boat provided such a clear advantage over other canoes.

**Mike Lewis "Louie"**  
*Dagger Maintenance Coordinator, Team D Athlete*

**Length:** 11'2" (340 cm)  
**Maximum beam:** 29" (74 cm)  
**Beam @ 4" w/l:** 27" (68 cm)  
**Depth midsection:** 15.5" (39.5 cm)  
**Depth ends:** 15" (38 cm)  
**Rocker:** 5.5" (14 cm)  
**Approx. Wt.:**  
Vinyl trim 52 lbs. (23.5 kg)  
Wood trim 46 lbs. (21 kg)  
**Shape/ends:** Flare  
**Shape/midsection:** Tumblehome with double gunwale  
**Hull Symmetry:** Symmetrical  
**6" freeboard capacity:**  
\*\* 500 lbs. (227 kg)  
**Hull Material:** Royalex

**Standard:** Vinyl gunwales with aluminum inserts, polyethylene deckplates, under-gunwale lash loops, lightweight thwarts, end loops, flotation lash loops  
**Options:** Wood trim (Northern ash gunwales and Tennessee cherry hardwood deckplates), fully outfitted  
**Colors:** Red, purple

\*\* For volume comparison only. Actual safe capacity depends on factors such as water conditions and paddler skills.

Boat shown with Team Edge outfitting.

# WHITewater KAYAKS

What can we say about whitewater kayaking? Many of us at Dagger feel it's simply the best. Our roots are in whitewater moments of excitement, pleasure, joy and challenge and we make a boat for every reason that people run rivers.

Some paddlers look for competition to prove their mettle. In freestyle whitewater the measure has been the National Organization of Whitewater Rodeos (NOWR) tour where the RPM dominated the scene in '96. Team D Athlete and R&D specialist Marc Lyle was a force to behold as he finished first or second in 10 of 10 rodeos he entered. Dagger boats and paddlers are consistently top finishers in events around the world; winning the 1995 World Whitewater Rodeo Championships and the '96 Pre-Worlds.

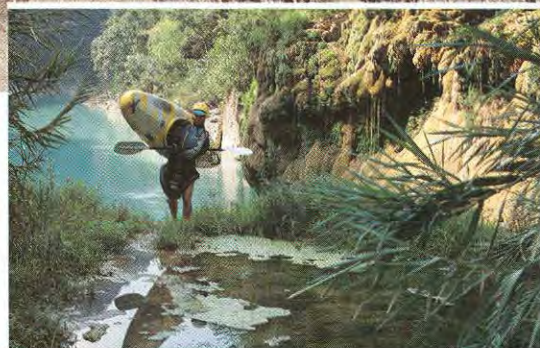
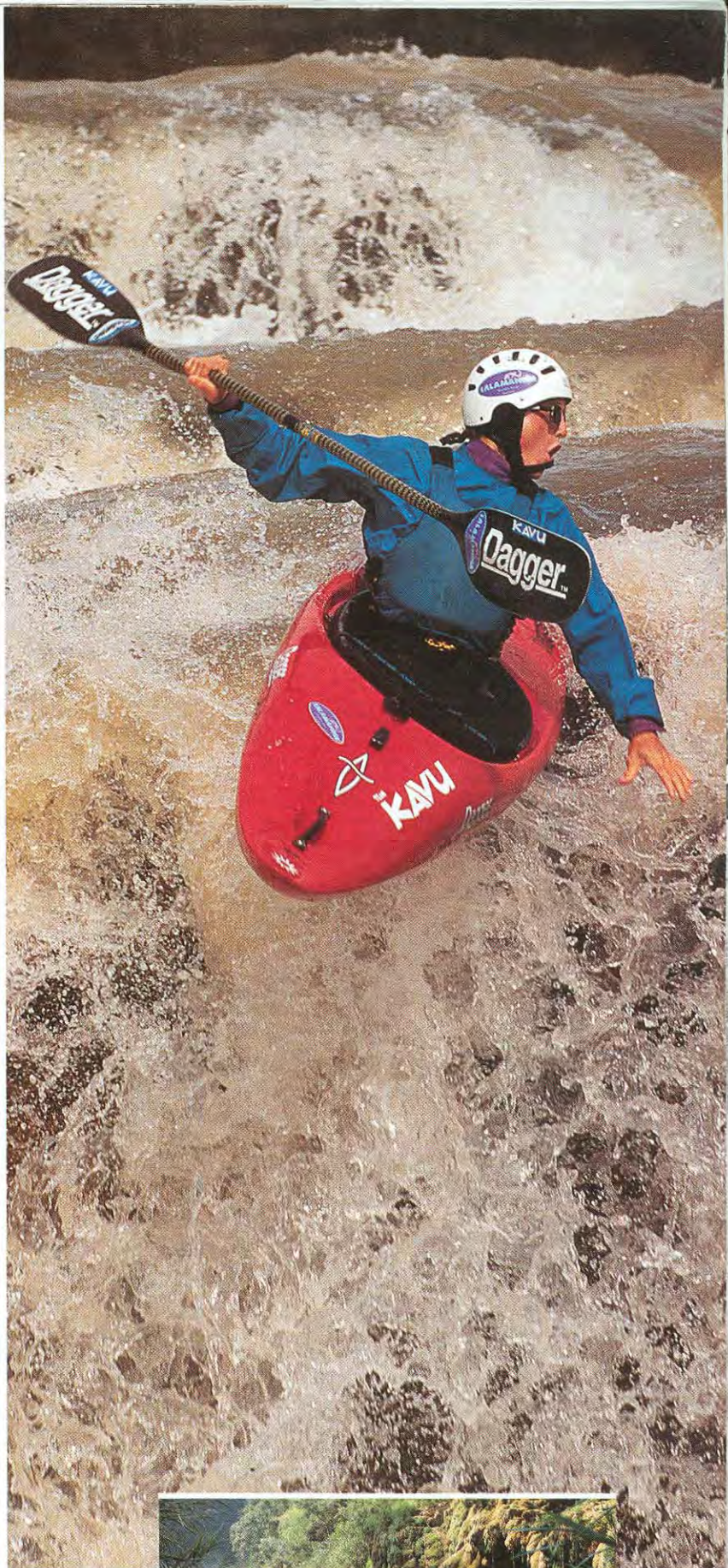
This year, athletes from nine countries used Dagger boats in the '96 summer games and we are especially proud that four 1996 American paddlers were Team D athletes: Scott Shipley ('95 World Cup Champion and '96 Silver Medalist), Adam Clawson, Wayne Dickert and Horace Holden, Jr.

As a company of paddlers we never forget that the pleasure is in the going and doing. Our boats are designed to enhance the experience. This year we've introduced the Animas - a recreational boat designed to allow even more people to "go and do". With many of the performance characteristics of our rodeo winning kayaks the Animas has unmatched comfort, fit, and user-friendliness.

Tell us what you look for in a whitewater experience, and we'll tell you which boat will take you there.

	Stability	Turning	Rodeo	Speed	Surfing	Bow Bouyancy	Big Water	Technical Water	Self Contained
<b>Animas</b>	★	●	○	★	●	★	★	●	★
<b>Blast</b>	★	★	★	●	★	●	●	●	○
<b>Crossfire</b>	★	●	○	●	★	★	★	★	●
<b>Freefall LT</b>	★	★	○	○	★	★	●	★	★
<b>Outburst</b>	★	●	●	★	★	●	★	●	○
<b>RPM</b>	★	★	★	○	★	●	●	●	○
<b>Transition</b>	○	★	●	●	★	●	●	●	○
<b>Vortex</b>	●	●	○	★	●	★	★	●	★
<b>Cascade (C-1)</b>	●	●	○	●	★	★	★	★	★

Guides ★ Excellent ● Good ○ Fair ○ Not Suitable







## Animas

Our latest whitewater offering, the Animas, is perhaps the best all-around boat available. The versatility, comfort and stability of this boat carry on the tradition of the Crossfire and Response, with the contemporary look and volume distribution of today. Having just recently taken up paddling (at 39!), the Animas' primary and secondary stability have been the keys for building the confidence I need to tackle Class III-IV water. Side surfing out of Double Suck on the Ocoee made me fall in love with this boat! The Animas is unparalleled for comfort. The volume extends forward enough to allow a comfortable bend in the legs, as well as enough room for my size 11 feet. When you combine this with the padded thighbrace and standard backband, all day river running is a joy!

**Tony Lee**  
Dagger Product Development  
Team Manager

**Length:** 10' 6" (315 cm)  
**Width:** 24.5" (61 cm)  
**Weight:** 40 lbs. (18 kg)  
**Volume:** 69 gallons (262 l)  
**Cockpit:** Length 34" (85 cm)  
Width 19" (45 cm)  
**Recommended paddler weight range:** 130 - 210 lbs. (59 - 95 kg)  
**Material:** EXL™

**Standard outfitting includes:**  
Easy Grip™ grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, molded-in graphics  
**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color



## Blast

In a sport that sometimes seems like it revolves around 165 lb. guys, it was hard to find a plastic boat that fit me. Boats "for smaller paddlers" that I tried were either scaled-down full sized boats, or more amateur designs that just don't feel like a real boat. But make no mistake about the Blast; it's a consummate whitewater design. It surfs better than a six-foot short board and lays out boofs like a pancake hitting a grill at the Waffle House. Any questions about hull integrity can be summed up in one reminder: Winner - 1995 Whitewater Rodeo World Championships. "Nuff said. If you have been vaguely dissatisfied with other boats because they seem to big for you, try the Blast and finally see what a whitewater boat is supposed to feel like. You won't go back.

**Kara Rupel Weld**  
Team D Athlete, 1995 U.S. Slalom  
Champion (5', 125 lbs.)

**Length:** 9'5" (287 cm)  
**Width:** 22.5" (57 cm)  
**Weight:** 30 lbs. (13.5 kg)  
**Volume:** 55 gallons (209 l)  
**Cockpit:** Length 32" (81 cm)  
Width 18" (46 cm)  
**Recommended paddler weight range:** 50-135 lbs. (23-62 kg)  
**High performance rodeo use range:** 50-200 lbs. (23-90 kg)  
**Material:** EXL™

**Standard outfitting includes:**  
Easy Grip™ grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, extra long footbraces, molded-in graphics  
**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color



## Crossfire

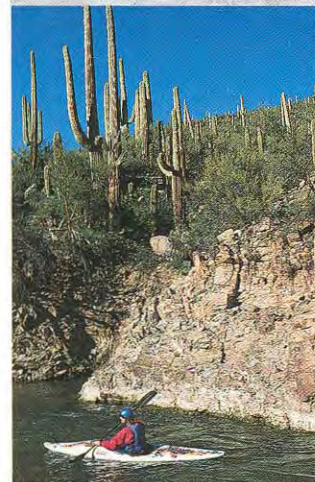
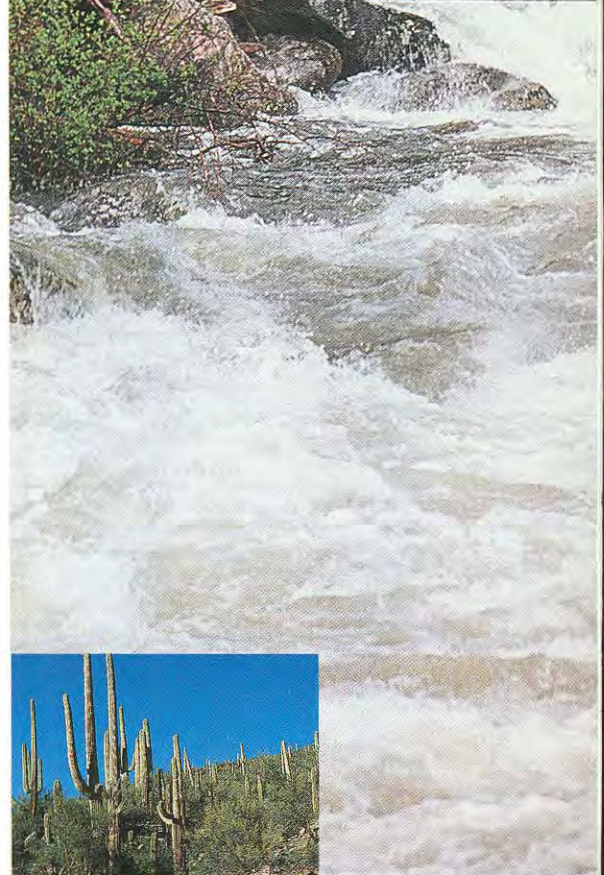
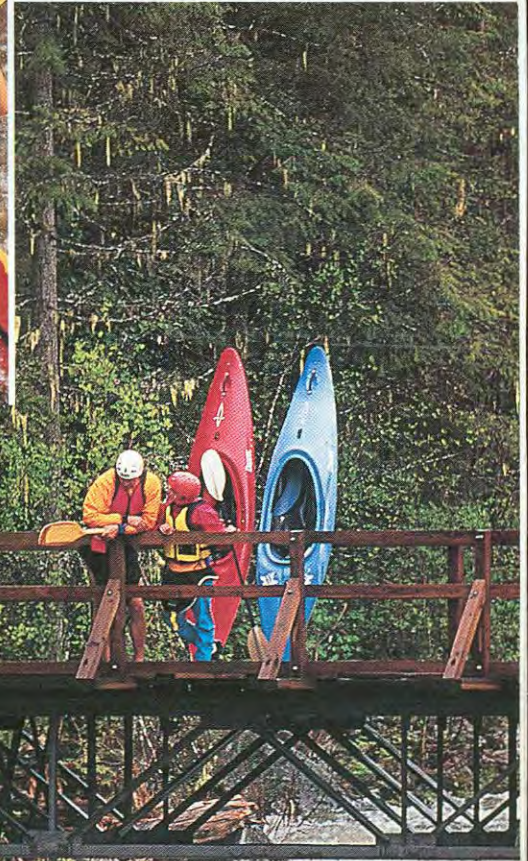
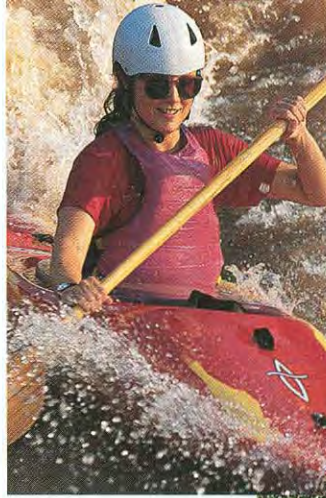
I will always remember my first day in a Crossfire. I was watching hot boaters surf a tough wave on the Arkansas. Some of the younger, hotter paddlers would catch the wave for 15 or 30 seconds and then the wave would surge and buck them off. I knew I couldn't stay on that wave as long as the hot paddlers, but I wanted to give it a try. I jumped out of the eddy, ferried over, and slid on. Rudder left, scream across the face, rudder right and whip back. This boat is quick, forgiving with a big comfortable cockpit. Hey, I'm looking good! Two minutes later I'm back in the eddy, I hear, "Nice ride!" The Crossfire has been one of my favorite boats ever since.

**Doug Ragan**  
Dagger Vice President Sales

**Length:** 11' (335 cm)  
**Width:** 23.75" (60 cm)  
**Weight:** 39 lbs. (18 kg)  
**Volume:** 66 gallons (250 l)  
**Cockpit:** Length 32" (81 cm)  
Width 18" (46 cm)  
**Recommended paddler weight range:** 90-190 lbs. (40-86 cm)  
**Material:** EXL™

**Standard outfitting includes:**  
Easy Grip™ grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, molded-in graphics  
**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color

Far left: Tony Brennan surfs a monstrous wave at Horseshoe Bend, Idaho. *photo by Grant Amaral.* Left: Balance must be one of Lee Leibfarth's strong points as he surfs at the President Harding Rapid in the Grand Canyon. *photo by Christopher Smith.* Right: Sara Anderson surfs on the Potomac. *photo by Skip Brown.* Far right: Chris Spelius and Barb Moore discuss the route on Fish Creek near the Lochsa River in Idaho. *photo by Eric Evans.* Below right: Amy Wiley observes Cherry Creek's shoreline vegetation of Saguaros in the Tonte National Forest near the Salt River, Arizona. *photo by Wiley/Wales.*



## Freefall LT

The Freefall LT is the ultimate steep river kayak. When the gradient is ridiculous, and vertical pinning is a possibility all around, I'm glad to be in the LT. The key must be the rocker: the nose gets back to the surface faster than any other kayak. Even if it does hit rock underwater the broad and blunt nose easily glances off. The LT's ability to turn quickly and remain stable makes it great for beginners too. On multi-day trips the LT carries gear better than any other. This boat has revolutionized what I consider runnable from beginner to expert.

**Lars Holbeck**  
*Extreme Kayaker*

**Length:** 9'5" (287 cm)  
**Width:** 24.25" (61.6 cm)  
**Weight:** 40 lbs. (18 kg)  
**Volume:** 69 gallons (260 l)  
**Cockpit:** Length 34" (86.4 cm)  
Width 18" (45.7 cm)  
**Recommended paddler weight range:** Up to 195 lbs. (90 kg)  
**Material:** EXL™

**Standard outfitting includes:** Expedition carry handles, thigh braces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, drain plug, water bottle, minicell walls, molded-in graphics  
**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color



## Outburst

The Outburst redefines the ALL-AROUND whitewater kayak. We all know what our choices used to be, either a stable platform for river running or a hot playboat for the play spots. This tough choice has become easy. The Outburst is a boat that offers full-sized river running stability for the challenging rapids AND includes Dagger's heritage of no-holds-barred, cutting-edge, rodeo play technology to shred the play spots. With room for lunch, a breakdown paddle, some extra clothes and a first aid kit, the Outburst is terrific for running kayak trips in Chile. It's MY boat of choice just about everywhere!

**Chris Spelius**  
*Team D Athlete, Roving Ambassador of Whitewater Kayaking*

**Length:** 10'10" (330 cm)  
**Width:** 24" (61 cm)  
**Weight:** 40 lbs. (18 kg)  
**Volume:** 72 gallons (274 l)  
**Cockpit:** Length 34" (86 cm)  
Width 19" (48 cm)  
**Recommended paddler weight range:** 120-225 lbs. (55-102 kg)  
**Material:** EXL™

**Standard outfitting includes:** Easy Grip™ grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, molded-in graphics  
**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color



Left: Marc Lyle, cartwheel master, swapping ends on the Kern River in California. *photo by Jack Popowich.*  
 Right: Team D athlete Pablo "Poster Boy" Perez attempts a loop during finals at the '96 Ocoee River Rodeo. *photo by Bill Burger.*

## RPM

I've paddled the RPM for a full season in Rodeo/Freestyle competitions and ran it down a lot of rivers in all types of water. It still amazes me that a boat that offers this much performance can be so easy to paddle. The RPM was built to perform; surfing, shredding, pulling off cartwheels and other linked maneuvers; built for maximum fun. Add the comfortable interior to the RPM's stability and forgiveness and you have a boat for an amazing spectrum of paddlers. From intermediates to experts, in both men's and women's classes, the RPM is a proven rodeo winner, winning more rodeos in 1996 than we have space to list. So whether you are trying to dominate the competition or maximize your own fun, go ahead, rev-it-up and let'er rip!

**Marc Lyle**, *Dagger R&D*, placed 1st or 2nd in all ten of the rodeos he competed in during the '96 season

**Length:** 9' (2.74 cm)  
**Width:** 24.5" (62 cm)  
**Weight:** 37 lbs. (17 kg)  
**Volume:** 60 gallons (228 l)  
**Cockpit:** Length 34" (86 cm)  
 Width 19" (48 cm)  
**Recommended paddler weight range:** 110-230 lbs. (50-104 kg)  
**Material:** EXL™

**Standard outfitting includes:**

Easy Grip™ grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, molded-in graphics

**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color

Team D Athlete boat shown.



## Transition

After three years on the market the Transition is still my favorite playboat. I have to admit that when I first saw the Transition prototype, right before the '93 whitewater rodeo world championships, I wasn't convinced it would work. But two days later we put three out of four in the finals, and took the top two spots. I was converted! As rodeo has evolved the Transition is perceived to have become more of a high performance river running/playboat than a rodeo weapon. While the Transition holds its own against rodeo boats out there playing in a hole, it also paddles like a champ. Definitely a great choice for an all-around boat. This boat tracks, turns, surfs and spins with ease. If I'm not paddling my slalom race boat (the Predator) I really enjoy paddling a Transition. You will too!

**Scott Shipley**  
*Team D Athlete and Two-time Olympian*

**Length:** 10'1" (307 cm)  
**Width:** 24 1/8" (61 cm)  
**Weight:** 38 lbs. (17 kg)  
**Volume:** 62 gallons (235 l)  
**Cockpit:** Length 34" (86 cm)  
 Width 18" (46 cm)  
**Recommended paddler weight range:** 100-200 lbs. (45-90 kg)  
**Material:** EXL™

**Standard outfitting includes:**

Easy Grip™ rigid grab loops, one-piece interchangeable thighbraces with neoprene padding, thermoformed seat, adjustable backrest, bulkhead footbraces, deck loops and seat accessory loops, molded-in drain plug, water bottle, minicell walls, molded-in graphics

**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color



## Vortex

Finally... the boat that allows the 200+ lbs. paddler to enjoy high performance surfing without sacrificing comfort. With a roomy cockpit and smaller stern, the Vortex sets a new standard for a "big boys" boat. At 6'3" and 190 lbs. I found this kayak to provide the responsiveness, speed and stability that smaller paddlers enjoy in the Crossfire. While I was instructing recreational racers at the Dagger Cup in Japan, I found the Vortex's outfitting to be very comfortable. Perfect for those long afternoons sitting in a boat using sign language to teach kayaking to a large group of highly motivated Japanese paddlers.

**Bryan Tooley**  
*Dagger Technical Rep and Team D Athlete Team Captain*

**Length:** 10'7" (323 cm)  
**Width:** 24" (61 cm)  
**Approx. Wt.:** 40 lbs. (18 kg)  
**Volume:** 74 gallons (280 l)  
**Cockpit:** Length 31.5" (80 cm)  
 Width 18" (46 cm)  
**Recommended paddler weight range:** 130-225 lbs. (59-102 kg)  
**Material:** EXL™

**Standard outfitting includes:**

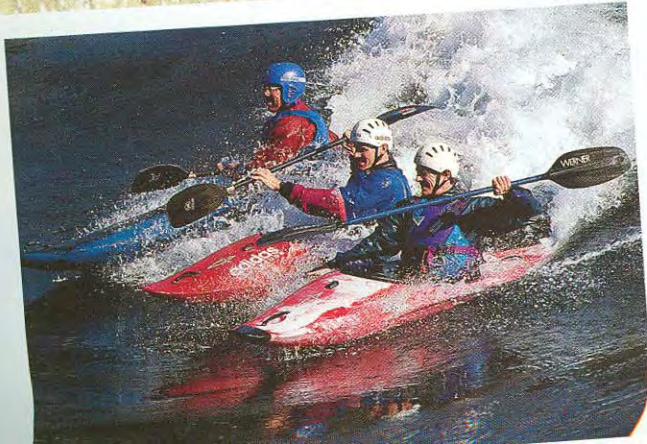
Easy Grip™ grab loops, thighbraces with neoprene padding, thermoformed seat, adjustable backband, bulkhead footbraces, deck loops and seat accessory loops, drain plug, water bottle, minicell walls, molded-in graphics

**Optional:** Yakima footbraces  
**Colors:** Blue, Purple, Red, Teal, Multi-color





Near Left: Eleven year-old Rush Sturges fine-tuning his technique in the pond at Otter Bar Lodge. *photo by Phil DeRiemer.*  
 Below: Olympian Scott Shipley is flanked by his dad, Dick, and brother, Paul, surfing this perfect tidal wave in British Columbia. *photo by Ed Michael.*



## Cascade

Boofing off ledges, surfing waves, blowing enders and descending steep drops - these are "a few of my favorite things!" I'm not sure if the Cascade would be right for the Sound of Music crew, but I have found it to be great at all of my favorite play moves. Of course being involved in the original design might sway my opinion, but the Cascade truly is one of the best steep creek C-1's ever built. The large bow stays up and the small stern spins. A great combination for the steep rocky stuff.

**Jon Lugbill**  
*Team D Athlete and Five-time World Champion*

- Length:** 11' (335 cm)
- Width:** 27.5" (70 cm)
- Approx. Wt.:** 47 lbs. (21.3 kg)
- Volume:** 80 gallons (303 l)
- Cockpit:** Length 24" (61 cm)  
 Width 19" (48 cm)
- Recommended paddler weight range:** 100-220 lbs. (45-100 kg)

**Standard outfitting includes:** Easy Grip™ grab loops, padded seat assembly with adjustable and quick-release thigh straps, molded-in graphics, deck loops and seat accessory loops, drain plug, water bottle, minicell walls, minicell knee pads and foot pads, mold-in-graphics  
**Colors:** Blue, Purple, Red, Teal, Multi-color



**Dear Friends,**

For the first time, you'll find accessories in our Dagger catalog. For the past four years, we've developed a close relationship with Headwaters, a premier paddlesports accessories company. Now Dagger and Headwaters are joining forces to bring you almost everything you'll need to get out on the water.

This equipment is designed to complement and enhance your paddling experience. All of our products are simply quality tools. Alone, they will not make or break your trip or outing. Judgement, skills, and a willingness to identify and accept limitations will determine your safety and enjoyment. Have confidence in our gear, but never substitute any gear for personal judgement. PADDLE SAFELY.

Best regards and thanks,  
the crew of Dagger

**W**hen it comes to life jackets, or PFD's (Personal Flotation Devices), before we start to think about styles, colors, pockets, etc., we make sure that our life jackets are fully capable of performing their designated task. All Headwater's PFD's EXCEED United States Coast Guard certification requirements in the critical area of relative buoyancy.

To be sure our designs will perform under all imaginable conditions over the long haul, we carefully select the finest foams and fabrics, all assembled by crafts people with years of experience in building PFD's. All components; zippers, webbing, buckles, inner and outer shell fabrics, even thread and fabric color must meet Coast Guard specifications. NEW for '97, we are producing all of our adult PFD's in our Oxford/Cordura (OxCord) blend for increased durability.

**Virgo**

Our least expensive PFD still features OxCord shell and Ensolite foam. Cut like a pullover for freedom of movement but has front zipper for easy access. One mesh/ neoprene pocket.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-XL  
**Color:** Red or Jade w/ Gray Trim

**Sirius**

Same low profile panel styling as in Virgo but upgraded with 2 pockets and lash tab loop. Over shoulder foam softens portage loads.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-XL  
**Color:** Gold or Royal w/ Gray Trim.

**Polaris**

Designed for demanding whitewater or touring paddlers. Channel cut foam for non-binding comfort, short waisted styling. Airex® foam front panels are soft and flexible; one mesh/fabric expandable pocket, lash tab loop, and waist tie for personal fit.



**Style:** Channel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 17 lbs  
**USCG Rating:** Type III  
**Sizes:** XS-XL  
**Color:** Emerald/Violet or Cobalt/Black

**Aurora**

Our pullover PFD features soft Airex® foam front panel, dual side cinch straps, and stretchy neoprene shoulder straps for maximum comfort. Large capacity zippered front pocket.



**Style:** Pullover  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-XL  
**Color:** Gold/Grey or Cobalt/Black

**Borealis**

Low profile panel cut foam with pullover style for performance but equipped with zipper for convenience. Dual zippered mesh and fabric pockets. Over the shoulder foam for portage comfort; dual side cinch straps, lash tab loop, and waist belt; Airex® foam front panel.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-XL  
**Color:** Evergreen/Black or Cobalt/Black

**Luna**

One of the first PFD's designed for women. Hinged panel cut and Airex® foam accommodates female torso without binding. Dual zippered pockets, lash tab, dual side cinch straps and waist belt.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 16.5 lbs  
**USCG Rating:** Type III  
**Sizes:** S-L  
**Color:** Plum/Cobalt Jade/Black

**Andromeda**

No-holds-barred performance PFD. Low profile Airex® panel design with neoprene gussets around arm holes eliminates chafing while providing maximum freedom of movement. Dual zippered pockets, underarm cinch straps and waist belt.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-XL  
**Color:** Cobalt/Black or Plum/Black

**Vega**

The female-friendly hinged Airex® panel design with ultra-thin upper panel appeals to anyone desiring unrestricted freedom of movement. Neoprene arm gussets eliminate chafe. Dual zippered pockets, underarm cinch straps and waist belt.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 18 lbs  
**USCG Rating:** Type III  
**Sizes:** S-L  
**Color:** Plum/Evergreen or Evergreen/Cobalt

**Solar**

Full featured panel cut PFD for older children or smaller adult paddlers who find a small still a bit large. Airex® foam front with dual pockets, lash tab loop, dual cinch straps, and waist belt.



**Style:** Panel/Zip  
**Shell:** OxCord  
**Foam:** Airex®/Ensolite  
**Buoyancy:** 12 lbs  
**USCG Rating:** Type III  
**Sizes:** XS Adult  
**Color:** Violet/Black or Emerald/Black

**Ursa Major**

A series of PFD's for children 30 to 90 lbs. with safety foremost in mind. Body encircling belt and leg loops (Childs' Small & Medium). Comfort has not been forgotten to encourage children to wear without fussing.



**Style:** Panel/Zip  
**Shell:** Oxford  
**Foam:** Ensolite  
**Buoyancy:** Child Small-8 lbs, Medium/Youth-12 lbs  
**USCG Rating:** Type III  
**Sizes:** Child's S (30-50 lbs); Child's M (50-70 lbs); Youth (70-90 lbs)  
**Color:** Child's S-M Gold/Black; Youth Gold/Black or Violet/Black

**Ursa Minor**

Designed for infants' needs with additional flotation and support. Foam collar pillow cradles and supports head. Grab Loop provides extra measure of safety. Dual chest straps and leg straps enhance security.



**Style:** Panel/Zip  
**Shell:** Oxford  
**Foam:** Ensolite  
**Buoyancy:** 12 lbs  
**USCG Rating:** Type II  
**Sizes:** Infants (up to 30 lbs.)  
**Color:** Red/Gold

# SPRAYSKIRTS

**S**prayskirts are an integral piece of gear for kayak paddlers. There is very little room for error when it comes to a sprayskirt. Premature or reluctant release of a sprayskirt can have serious consequences.

Our skirts are built by leading manufacturers worldwide. Dagger's entire line of sprayskirts is engineered to Dagger's Hardcore standards whether for whitewater or touring. You don't have to wonder if they will perform.

We Guarantee It!!

## Whitewater Sprayskirts

### Headwaters Terrapin

A feature packed deck at a reasonable cost with unique wedge rand and EdgeGuard.

**Rim Seal:** Triangular Extruded Wedge  
**Deck Fabric:** Nylon/Neoprene  
**Body Tube:** 9" Nylon/Neoprene/Nylon  
**EdgeGuard:** Yes  
**Seams:** Sewn and Glued  
**Rim Sizes:** Standard & Keyhole, K-1  
**Waist Sizes:** XS-XL  
**Color:** Black w/Purple Trim



### Seals Shocker

One of our most popular decks, very reliable with an extremely wide range of fit. Ideal skirt for the learning or experienced boater. Knee-Off strap for added security.

**Rim Seal:** Sewn Shockcord  
**Deck Fabric:** Lycra/Neoprene/Nylon  
**Body Tube:** 10" Lycra/Neoprene/Nylon  
**EdgeGuard:** Yes  
**Seams:** Sewn and Taped  
**Rim Sizes:** One Size Fits All, K-1 and C-1s  
**Waist Sizes:** XS-XL  
**Color:** Black, Red, Purple, Turquoise, Blue, Bionic Kelp or Pattern



### Seals Class VI

One of the "tackiest" (in a positive sense) skirts around. So tenacious, this skirt is not recommended for beginning paddlers.

**Rim Seal:** Flat Gasket Tensioning System  
**Deck Fabric:** Nylon/Neoprene/Grip Skin  
**Body Tube:** 10" Lycra/Neoprene/Nylon  
**EdgeGuard:** Yes  
**Seams:** Glued, Sewn and Taped  
**Rim Sizes:** One Size Fits All, K-1  
**Waist Sizes:** XS-XL  
**Color:** Black



Whitewater Fit List	Kayak Make	Kayak Model	Terrapin		Seals		River 'Roni		Kayak Make	Kayak Model	Touring			Tropical Deck		Ocn. Sea Roni Shk.			
			Stand.	Keyhole	Shocker	Class VI	Stand.	Keyhole			S	M	L	S	M		L		
Whitewater Fit List	Dagger	Animas		•	•	•		•	Dagger	Apostle									
		Blast		•	•	•		•		Magellan									
		Crossfire		•	•	•		•		Meridian									
		Outburst		•	•	•		•		Seeker									
		RPM		•	•	•		•		Sitka									
	Whitewater Fit List	New Wave	Transition		•	•	•		•	Current D.	Vesper								
			Vortex		•	•	•		•		Storm								
			Cruise Con.		•	•	•		•		Necky	Kyook							
			Seek		•	•	•		•			Looksha							
			Perception		•	•	•		•			Narpa							
Whitewater Fit List	Pirion	Overflow		•	•	•		•	Wildn. Sys.	Sealution									
		Pirouette S		•	•	•		•		Secaret									
		Whipl		•	•	•		•		P&H	Orion								
		Hurricane		•	•	•		•			Perception	Chinook							
		Rocket		•	•	•		•				Sea Lion							
Whitewater Fit List	Pyranha	Acrobats		•	•	•		•	Pyranha	Spectrum									
		Creek 280		•	•	•		•		Pirion	SeaYak								
		Frankenstein		•	•	•		•			Yukon								
Whitewater Fit List	Wave Spd.	Godzilla		•	•	•		•	Valley C. P.	Skerray									
		Kinetic		•	•	•		•											

### River 'Roni Spraydeck

Impeccable craftsmanship built to last through the most challenging conditions. Dual ringrip system, exclusive wear-resistant deck fabric.

**Rim Seal:** Sewn Shockcord w/ Cling-On Dot System  
**Deck Fabric:** RhinoFabric/Neoprene/Nylon  
**Body Tube:** 9" Lycra/Neoprene/Lycra  
**EdgeGuard:** Yes  
**Seams:** Glued and Stretch Taped  
**Rim Sizes:** Standard & Keyhole  
**Waist Sizes:** XS-XL  
**Color:** Black with Purple Trim



### River 'Roni Vestdecks

Just about the driest sprayskirt system out there. Integral neoprene vest insulates against frigid weather or water.

**Rim Seal:** Sewn Shockcord w/ Cling-On Dot System  
**Deck Fabric:** RhinoFabric/Neoprene/Nylon  
**Body Tube:** Lycra/Neoprene/Lycra  
**EdgeGuard:** Yes  
**Seams:** Glued and Stretch Taped  
**Rim Sizes:** Standard & Keyhole  
**Waist Sizes:** XS-XL  
**Color:** Black with Purple Trim



## Sea Touring Sprayskirts

### Down Under Salty Deck

Innovative design sheds water, and neoprene seal provides incomparable watertight seal. Truly a "next generation" touring deck.

**Rim Seal:** Sewn Shockcord  
**Deck Fabric:** Urethane Coated Nylon w/ Neoprene  
**Body Tube:** Urethane Coated Nylon  
**Suspension System:** Elastic Suspenders w/ Drawstring Waist  
**Seams:** Sewn and Seam Taped  
**Rim Size:** One Size Fits All  
**Waist Size:** One Size Fits All  
**Color:** Purple or Teal



### Seals Sea Shocker

Neoprene touring deck with EdgeGuard stands up to hard usage and stays dry. Adjustable waist works well as a school or club skirt.

**Rim Seal:** Sewn Shockcord  
**Deck Fabric:** Lycra/Neoprene/Nylon  
**Body Tube:** Lycra/Neoprene/Nylon  
**Suspension System:** Neoprene Tension  
**Seams:** Sewn and Taped  
**Rim Size:** One Size Fits All  
**Waist Size:** Adjustable  
**Color:** Black, Turquoise, Blue, Red, Purple, Bionic Kelp or Pattern



### Headwaters Tour Deck

Neo-Band waist system eliminates need for suspenders. Adjustable deck bar helps shed water quickly. Available with or without zippered mesh pocket.

**Rim Seal:** Sleeved Shockcord w/ RimTack Sticky Strip  
**Deck Fabric:** 400D Urethane Coated Nylon  
**Body Tube:** 400D Urethane Coated Nylon  
**Suspension System:** Neoband w/ Velcro Adjustment  
**Seams:** Sewn and Seam Taped  
**Rim Size:** Small, Medium, & Large  
**Waist Size:** One Size Fits All  
**Color:** Purple/Black or Yellow/Black



### Headwaters Tropical Deck

Waterproof/breathable fabric is unaffected by salt water. Ideal for paddlers who go at it hard or for those in warm locales. Available with or without zippered mesh pocket.

**Rim Seal:** Sleeved Shockcord w/ RimTack Sticky Strip  
**Deck Fabric:** Waterproof/Breathable Triad  
**Body Tube:** Waterproof/Breathable Triad  
**Suspension System:** Neoband w/ VelcroAdjustment  
**Seams:** Sewn and Seam Taped  
**Rim Size:** Small, Medium, & Large  
**Waist Size:** One Size Fits All  
**Color:** Sea Blue



### Cockpit Covers

A basic necessity, great for storing gear during travel. Cut from one piece of fabric to eliminate seams--no leakage.

**Rim Seal:** Adjustable Sleeved Shockcord  
**Fabric:** 400D Urethane Coated Nylon  
**Sizes:** Small, Medium, Large, C-1  
**Options:** Dagger or Headwaters Logo

Sizing	Tube Size	Waist Size
Extra Small	XS	26" - 29"
Small	S	28" - 32"
Medium	M	31" - 34"
Large	L	34" - 37"
Extra Large	XL	36" - 40"

**d**agger offers a wide array of paddles for just about any style or discipline of paddling. Each paddle is designed to function within specific "performance parameters". The "feel", weight and performance of your paddle is critical to your paddling experience. Dagger paddles can withstand the test; no matter what your discipline.

## Whitewater Kayak Paddles

### Headwaters River Spirit

Excellent value; durable, smooth paddling blade.

**Blade:** Glass-Filled Polypropylene  
**Blade Size:** 8" x 17"  
**Feather:** 65° or Custom  
**Length:** 198-207cm(x 3cm) or Custom  
**Sample Weight:** 43oz  
**Durability Rating:** 5.5  
**Color:** Black or Purple  
**Options:** One-piece, Take-apart



### Wizard Current

Refined paddle designed to maximize performance and minimize fatigue.

**Blade:** LFTE ThermoPlastic  
**Blade Size:** 8" x 16"  
**Feather:** 65° or Custom  
**Length:** 198-207cm(x 3cm) or Custom  
**Sample Weight:** 39oz  
**Durability Rating:** 5.75  
**Color:** Black or Blue Metallic  
**Options:** One-piece or Take-Apart



### Wizard Deluge

Similar to Wizard Current with performance designed asymmetrical blade.

**Blade:** LFTE ThermoPlastic  
**Blade Size:** 7 3/4" x 17"  
**Feather:** 65° or Custom  
**Length:** 198-207cm(x 3cm) or Custom  
**Sample Weight:** 39.5oz  
**Durability Rating:** 5.75  
**Color:** Black or Blue Metallic  
**Options:** One-piece or Take-Apart



### Wizard Subaque

A squirt blade that combines excellent durability and performance.

**Blade:** LFTE ThermoPlastic  
**Blade Size:** 7 1/2" x 16 1/2"  
**Feather:** 65° or Custom  
**Length:** 195-204cm(x 3cm) or Custom  
**Sample Weight:** 38oz  
**Durability Rating:** 5.75  
**Color:** Black  
**Options:** One-piece or Take-Apart



### Schlegel Spray

Tough and well suited when water levels are less than optimum.

**Blade:** Duralene™ Rim Plastic w/ Reinforced Edges  
**Blade Size:** 7 3/4" x 17"  
**Feather:** 65°  
**Length:** 198-208cm(x 2cm)  
**Sample Weight:** 46.5oz  
**Durability Rating:** 5.7  
**Color:** Blue



### Schlegel TIII Synergy

Our most popular Schlegel. Tip-to-tip aluminum shaft adds strength.

**Blade:** Fiberglass/Foam/Fiberglass Sandwich w/ Aluminum Edges  
**Blade Size:** 7 1/4" x 17"  
**Feather:** 65°  
**Length:** 198-207cm (x 3cm)  
**Sample Weight:** 39.75oz  
**Durability Rating:** 6.4  
**Color:** Blue



### Schlegel Shred Control

A new generation Schlegel. Light monocoque construction.

**Blade:** Pressure Formed Fiberglass  
**Blade Size:** 7 1/2" x 16 1/2"  
**Feather:** 65° or Custom  
**Length:** 198-207cm (x 3cm) or Custom  
**Sample Weight:** 36oz  
**Durability Rating:** 6.0  
**Color:** Blue



### Schlegel TIII Topline

Schlegel's #1 paddle; dependable for extreme paddlers.

**Blade:** Fiberglass/Carbon/Foam/ Fiberglass Sandwich w/ Aluminum Edges  
**Blade Size:** 7 3/4" x 17"  
**Feather:** 65°  
**Length:** 198-208cm(x 2cm)  
**Sample Weight:** 44oz  
**Durability Rating:** 7.0  
**Color:** Bright Red and Green



### Schlegel TIII Extreme One

A worthy companion to Topline with dihedral to reduce blade flutter.

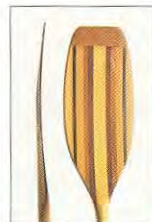
**Blade:** Fiberglass/Carbon/Foam/Fiberglass Sandwich w/ Aluminum Edges  
**Blade Size:** 7 1/2" x 17"  
**Feather:** 65°  
**Length:** 198-208cm(x 2cm)  
**Sample Weight:** 44oz  
**Durability Rating:** 7.0  
**Color:** Purple



### Dagger Custom Classic

A true classic! Canoe and Kayak Magazines' "most universally praised paddle."

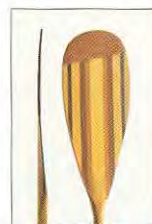
**Blade:** Wood Laminate Hardwood Edged w/ Fiberglass and Epoxy/Veneer Tip Guard  
**Blade Size:** 7 1/2"; x 16 3/4"  
**Feather:** 60° or Custom  
**Length:** 198-208cm (x 2cm)  
**Sample Weight:** 37.5oz  
**Durability Rating:** 6.0  
**Color:** Natural Wood



### Dagger Custom Finesse

A connoisseur's delight, light, smooth, and definitive.

**Blade:** Wood Laminate Hardwood Edged w/ Fiberglass and Epoxy/Veneer Tip Guard  
**Blade Size:** 7" x 16"  
**Feather:** 60° or Custom  
**Length:** 198-206cm(x 2cm)  
**Sample Weight:** 35.5oz  
**Durability Rating:** 5.8  
**Color:** Natural Wood

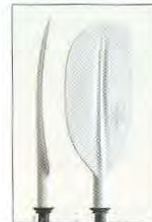


## Touring Kayak Paddles

### Headwaters Sea Spirit

An economical paddle that is tough to outgrow.

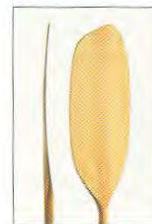
**Blade:** Glass-Filled Polypropylene  
**Blade Size:** 7 3/4" x 16 1/2"  
**Feather:** 65° or Custom  
**Length:** 215-240cm(x 5cm) or Custom  
**Sample Weight:** 41oz  
**Durability Rating:** 5.5  
**Color:** White or Purple  
**Options:** One-Piece or Take-Apart, Drip Rings Standard



### Headwaters Ouzel

A refined paddle at a very modest price, quiet, lightweight and efficient.

**Blade:** Laminated of Spruce and Basswood  
**Blade Size:** 6 1/2" x 18"  
**Feather:** 60° or Custom  
**Length:** 220-235cm(x 5cm) or Custom  
**Sample Weight:** 31oz  
**Durability Rating:** 4.6  
**Color:** Natural Wood  
**Options:** One-Piece or Take-Apart, Drip Rings Standard on Take-Apart



### Wizard Surge

A paddle for the long haul, excellent bracing capability and non-fatiguing.

**Blade:** LFTE Thermoplastic  
**Blade Size:** 7 1/8" x 17"  
**Feather:** 65° or Custom  
**Length:** 220-240cm(x 5cm) or Custom  
**Sample Weight:** 41oz  
**Durability Rating:** 5.3  
**Color:** White or Blue Metallic  
**Options:** One-Piece or Take-Apart, Drip Rings Standard



### Headwaters Williwaw

Quiet, efficient blade in durable crosslaid veneer construction

**Blade:** Crosslaid Pine and Spruce Veneers, Sheathed in Cherry Veneer  
**Blade Size:** 7 1/8" x 17"  
**Feather:** 60° or Custom  
**Length:** 215-240cm(x 5cm) or Custom  
**Sample Weight:** 38oz  
**Durability Rating:** 5.5  
**Color:** Natural Wood  
**Options:** One-Piece or Take-Apart, Drip Rings Standard on Take-Apart



### Wizard Surge-G

Add a graphite shaft to our Surge, adding some stiffness and take away some ounces.

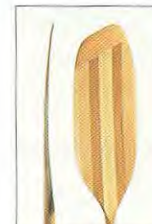
**Blade:** LFTE Thermoplastic  
**Blade Size:** 7 1/8" x 17"  
**Feather:** 60° or Custom  
**Length:** 220-240cm(x 5cm) or Custom  
**Sample Weight:** 39oz  
**Durability Rating:** 5.5  
**Color:** White or Blue Metallic  
**Options:** One-Piece or Take-Apart, Drip Rings Standard



### Headwaters Typhoon

A strong paddle without weight penalty.

**Blade:** Laminated of Spruce, Butternut, Maple, Ash, w/ Cherry Veneer Tip Guard  
**Blade Size:** 7 1/8" x 17"  
**Feather:** 60° or Custom  
**Length:** 220-240cm(x 5cm) or Custom  
**Sample Weight:** 42 oz  
**Durability Rating:** 5.7  
**Color:** Natural Wood  
**Options:** One-Piece or Take-Apart, Drip Rings Standard on Take-Apart



# PADDLES

## Schlegel TIII Sojourn

Expedition quality paddle with full aluminum edging.

**Blade:** Fiberglass/Foam/Fiberglass Sandwich w/ Aluminum Edges  
**Blade Size:** 7 1/4" x 17"  
**Feather:** 65° or Custom  
**Length:** 220-240cm (x 5cm)  
**Sample Weight:** 4oz  
**Durability Rating:** 6.0  
**Color:** White  
**Options:** One-Piece or Take-Apart, Drip Rings Standard



## Schlegel Ozean

Lightweight, stiff carbon construction for quick paced paddling.

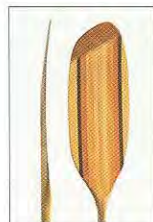
**Blade:** Carbon/Foam/Carbon Sandwich w/ Al. Tip Edging  
**Blade Size:** 7 3/4" x 17"  
**Feather:** 65° or Custom  
**Length:** 220-240cm (x 5cm)  
**Sample Weight:** 36oz  
**Durability Rating:** 5.1  
**Color:** Black Carbon  
**Options:** One-Piece or Take-Apart, Drip Rings Standard



## Dagger Custom Off-Shore

Fully expedition capable, yet a daily pleasure.

**Blade:** Laminate of Spruce, Cedar, Walnut, Ash w/ Veneer Tip Guard  
**Blade Size:** 6 3/4" x 17"  
**Feather:** 65° or Custom  
**Length:** 215-240cm (x 5cm)  
**Sample Weight:** 41oz  
**Durability Rating:** 5.9  
**Color:** Natural Wood  
**Options:** One-Piece or Take-Apart, Drip Rings Standard on Take-Apart



## Schlegel Rasmussen Wing

The ultimate in efficiency for the competitor or distance paddler.

**Blade:** Carbon Multi-Laminate  
**Blade Size:** 3/8" x 19"  
**Feather:** Custom  
**Length:** 215-240cm or Custom (x 5cm)  
**Sample Weight:** 28.5oz  
**Durability Rating:** 4.5  
**Color:** Black Carbon  
**Options:** Drip Rings Standard



## Canoe Paddles

### Headwaters Hiawassee

Excellent performance in a recreational paddle.

**Blade:** Multilaminate Spruce, Ash, Maple, and Butternut w/ Veneer Tipguard  
**Blade Size:** 7 3/4" x 20"  
**Grip:** Modified Palm  
**Length:** 54" - 63" (x 3")  
**Sample Weight:** 28oz  
**Durability Rating:** 4.9  
**Color:** Natural Wood



### Headwaters Cumberland

Our most popular wood paddle for mild river and deepwater tripping.

**Blade:** Multilaminate Basswood, Ash, and Walnut w/ Polyurethane Tipguard  
**Blade Size:** 8 1/8" x 21"  
**Grip:** Modified Palm  
**Length:** 54" - 63" (x 3")  
**Sample Weight:** 32oz  
**Durability Rating:** 4.9  
**Color:** Natural Wood



### Headwaters Cumberland Bent

Hit-n-Switch efficiency with a blade specifically designed for a bent shaft paddle.

**Blade:** Multilaminate Basswood, Ash, and Walnut w/ Polyurethane Tipguard  
**Blade Size:** 8 1/4" x 19"  
**Shaft/Blade Angle:** 10°  
**Grip:** Modified Palm  
**Length:** 48" - 52" (x 2")  
**Sample Weight:** 24oz  
**Durability Rating:** 4.9  
**Color:** Natural Wood



### Dagger Custom Bent

A choice of racers and wilderness trippers. Appeals to the most discriminating paddler.

**Blade:** Multilaminate Cedar w/ Hardwood Edging, Epoxy or Aluminum and Veneer Tipguard  
**Blade Size:** 8 1/4" x 17 1/2"  
**Shaft/Blade Angle:** 14°  
**Grip:** Modified Palm  
**Length:** 48" - 52" (x 2")  
**Sample Weight:** 22oz  
**Durability Rating:** 5.5  
**Color:** Natural Wood



## Dagger Custom Classic WWX

Time proven and mile proven expeditionary/whitewater wood paddle.

**Blade:** Laminate of Cedar, Ash, Walnut, Spruce w/ Hardwood Edges, Epoxy or Aluminum Veneer Tip Guard Overlay w/ Fiberglass  
**Blade Size:** 7 1/2" x 18"  
**Grip:** Laminate Wood T-grip  
**Length:** 55" - 61" or Custom (x 2")  
**Sample Weight:** 33oz  
**Durability Rating:** 6.4  
**Color:** Natural Wood



## Schlegel TIII All-Round

Durable, stiff paddle for the most demanding usage.

**Blade:** Fiberglass/Foam/Fiberglass Sandwich w/ Aluminum Edges  
**Blade Size:** 7 5/8" x 22"  
**Grip:** Wood T-grip  
**Length:** 54" - 56" or Custom (x 2")  
**Sample Weight:** 35oz  
**Durability Rating:** 6.4  
**Color:** Teal



## Schlegel Spoon Slalom

Fine edged, lightweight paddle for performance in all types of water.

**Blade:** Carbon Multilayer  
**Blade Size:** 7 3/8" x 18"  
**Grip:** Wood T-Grip  
**Length:** 54" - 61" or custom (x 1")  
**Sample Weight:** 19 1/2oz  
**Durability Rating:** 5.6  
**Color:** Black Carbon



## Surfins

A fun alternative to the two bladed paddle. Also a convenient backup.

**Blade:** Plastic  
**Blade Size:** 7 3/4" x 16 3/4"



# FLOTATION

**O**ur flotation is the most cost effective insurance you can buy for your boat. **Premium** flotation uses a well tested combination of nylon fabric and a vinyl laminate. The fabric is strong, resists abrasion and is moderate in weight. Our **UltraLite** flotation is a nylon fabric with urethane laminate resulting in a very strong bag with a 25% weight savings.

Headwaters flotation is covered by our Lifetime Warranty against defects and workmanship.

Contact your Dealer for fitting info.

## Sea Kayak Flotation

Bags fit "one-up", i.e. one bag each in stern or bow. Available in sets of 2 or by individual bags.

**Options:** Premium only  
**Color:** Yellow or Purple

## Whitewater Kayak Flotation

Flotation is available in your choice of High or Low Volume sizes. Generous lengths of inflation tubes allow you to "top off" your bags in the boat without having to be a contortionist. Grommet tie-ins at each end of each bag. Available in sets of 4 or by individual bags.

**Options:** Premium or UltraLite  
**Size/Color:** Hi Volume - Purple  
 Low Volume - Yellow

## Open Canoe Flotation

All end bags feature 3D vertical seams for best fit and have integral 1" grommet centered on base to accommodate web keeper straps. Center bags feature centered 1" grommet at each end.

**Sizes:** 36", 48", 54", 54" Center, 60" and 72"  
**Options:** Premium or UltraLite  
**Color:** Yellow, Teal or Purple.

## Storage/Flotation Systems

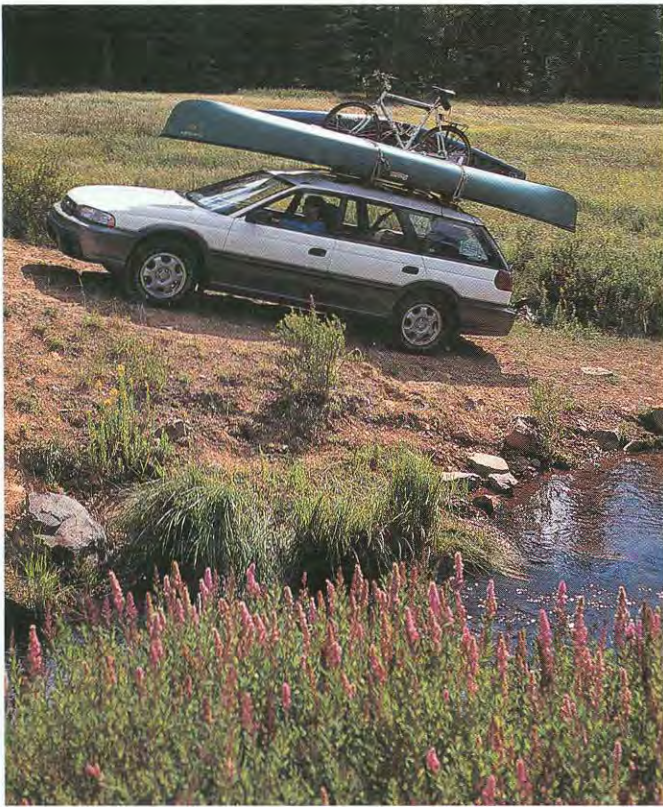
Meet the challenge of paddling a flotation protected boat while still being able to transport needed gear and equipment

**Osea Stows:** For Open Canoe  
**Sea Kayak Stows:** For Sea Kayaks  
**Split RIVER Kayak STOWS:** For Whitewater Kayaks and C-1's  
**Color:** Yellow

Canoe Make	Canoe Model	End Bags					Center
		36"	48"	54"	60"	72"	54"
Dagger	Capitan		•				
	Impulse						
	Legend-solo						•
	Legend-hand.	•					
	Ocoee						
Ovation	Rival						
Blue H.	Sunburst II						
	Descender						
Whitesell	Explorer						
	Freedom	•					•
Mad River	ME						
	Outrage						
Rampage							
	Howler						
Millbrook	Probe 11						
	Probe 12						
Mowhawk	Viper 11						
	XL 15-land.						







*Dagger canoes and kayaks are capturing worldwide attention on the water and on land as Dagger has become the official canoe and kayak company of Subaru of America, Inc.*

*Dagger is proud to have been chosen by Subaru for this relationship. Dagger products showcase the versatility of Subaru's new sport utility vehicles.*

Dagger is constantly working to support regional and national organizations dedicated to the preservation of our planet's precious water. We encourage you to do the same! Dagger's active recycling program enables us to sell thousands of pounds of plastic scrap to a reprocessor each year. The proceeds are donated to various conservation groups. Below are just a few of the many organizations we support that can really use your help. **Let's join together to help protect our diminishing eco-systems.**

**American Canoe Association**

7432 Alban Station Blvd., Springfield, VA 22150 Phone: 703/451-0141

**American Rivers**

801 Pennsylvania Ave S.E., Washington D.C. 20003 Phone: 202/547-6900

**American Whitewater Affiliation**

P.O. Box 636, Margaretville, NY 12455 Phone: 914/586-2355 Fax: 914/584-3050

**Friends of the River (membership office)**

128 J Street, 2nd floor, Sacramento, CA 95814 Phone: 916/442-3155

**Pacific Rivers Council**

PO Box 10798, Eugene, OR 97440-2798 Phone: 541/345-0119

Cover Clockwise from bottom left.

Team D athlete Dana Scalf on the Animas River near Durango, Colorado in a RPM. *photo by Wiley/Wales.*

Brett Reynolds exploring a Columbia River side channel in her Meridian. *photo by Robert Reynolds.*

Steve and Alyson Townsley paddle Idaho's Payette River. *photo by Glenn Oakley.*

Surfing at the Lochsa Rodeo in Idaho. *photo by Jack Popowich.*

Scott Shipley qualifies for the '96 summer games. *photo by Christopher Smith.*


Jen Abbott and Katelon Starre in Baja California. *photo by Grant Amaral.*

Questions? Check with your local dealer! Need more info? Have technical questions? Want to check out our web page? Here's the scoop:  
 Phone: **423-882-0404**  
 Web page: <http://www.dagger.com/>  
 E-Mail: [dagger@dagger.com](mailto:dagger@dagger.com)  
 Fax: **423-882-8153**

Paddlesports can be physically demanding and/or dangerous. Learn to paddle by obtaining proper instruction before using your canoe, kayak or sit-on-top. Always wear an approved personal flotation device and, if appropriate, a helmet. Never use alcohol or mind-altering drugs when paddling. Know and paddle within your limits. Paddle with a friend. It's safer and more fun. Children should paddle with a qualified adult. Read your owner's information packet. If you need an owner's information packet one can be obtained at no charge by calling Dagger at the above number.

**Dagger Composites** - Dagger now offers the world's most sophisticated line of whitewater racing canoes and kayaks. Call or write for more information.

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