

# *Woodstrip Watercraft Co.*

1818 Swamp Pike ~ Gilbertsville, Pa. 19525

Phone 610-326-9282 ~ Email [Canoeal@aol.com](mailto:Canoeal@aol.com) ~ web [woodstrip.wcha.org](http://woodstrip.wcha.org)

Custom Wooden Canoes, Kayaks, paddles



## *16' Guide*

*Thank you for checking into in our line of small boats. We hope the information enclosed will be of some help in planning your next purchase. As we are limiting our restoration business to current customers and historically significant boats. We are focusing on designing and building from the best of modern materials, epoxies and fiberglass coverings, to make custom, lightweight modern wooden canoes and kayaks, meant for regular use, while looking beautiful. We also make custom wooden paddles based on traditional designs. In doing so, hope to enhance your paddling experience.*

*Since 1987 we have been designing, and building Cedarstrip canoes, and kayaks. We build open, and decked canoes for both single and double blade paddlers. We also build sea kayaks, and we offer a woodstrip Adirondack Guideboat. Whether you are considering a solo canoe or tandem, we can build one to suit your uses. We do most of our building as custom canoes, but we do have a limited number of standard canoes in the shop for sale. Use the charts as a basis for finding the proper size for you and your uses. Please feel free to contact us by any method you would like if you have any questions.*

*Our "Standard" canoes are made of edge glued strips of cedar, bead and coved, covered with 6 oz. fiberglass cloth and epoxy. While we have some boats and paddles in the shop for sale, we want the boat you get to be right for you, so think of our standards boats as a place to start your custom boat. While we include a list of common options, use your imagination to create the boat perfect for you.*

*Our woodstrip kayaks are built in the same manner as our canoes, including fiberglass on the hull and decks, and the bulkheads and trim are made of marine Occume plywood. This construction is light, stiff and very strong, besides being beautiful.*

*Besides canoes and kayaks, we offer an Adirondack Guideboat based on the 100+ year old Rushton design, the Saranac Laker, in our same modern construction. Ask for information on it if you are interested.*

*We sell plans for some models of our boats, but not full kits. I have taught from these plans in summer boatbuilding classes, so I know anyone with basic skills can make fine boats from them.*

*In 1991 we moved to our present location on Swamp Pike, in Gilbertsville, Pa. I have been a member of the Wooden Canoe Heritage Association since 1990 and was on the Board of Directors from 1991 to 2010.*

*Again, let us discuss with you anything regarding a boat or paddle, or anything else. Please contact us, and we will help in any way we can because;*

***Life is too short to paddle an ugly boat.***

*Alvin R. Bratton, Owner*



**18' Brant w/Accent stripe**

### **“Standard” Canoes:**

**Guide Series:** Traditional "Guide" shaped canoes adapted by size to a variety of modern uses. Some rocker, some tumblehome, a fairly flat arched bottom.

**Guide** - A large volume canoe for longer trips or a lot of capacity (wilderness trips, etc.).

**Brant** - Not quite the volume of the Guide but capable of 1-to-2-week tripping for two (tripper, recreation)

**Mallard** – Really a shortened 17' Brant. The same width and depth as the larger boat. Being shorter it is more maneuverable. Best for fishing and general use (casual recreation, weekends).

**Pintail** - A true downsize of the 17' shape. A quick canoe suited for paddling with light loads (day tripper). A narrow, smallish boat.

### **Open Solos**

**Goldeneye** - Designed for the solo paddler who wants a boat with lots of volume (solo tripping, large freestyle, recreation)

**Widgeon** - Softer and higher bilge curves. For those who prefer canoe with a little less width, we offer three versions of the Widgeon. A little less to reach over, less volume than the Goldeneye, more stable and slightly faster than the Teal. (Solo tripping, freestyle, recreation)

**Teal** – Same softer and higher bilges as above. Our smallest guide solos designed for smaller paddlers or light loads (Smaller freestyle, sport)

### **Decked series:**

Based on our favorite small solo open canoes, comes our series of small decked canoes. They are designed to bring the usefulness of the solo canoe to you, in a decked version, reminiscent of the Rob Roys and MacGregors of old. Lighter weight than most, these boats will prove to be the perfect mix for lakes and river and protected water paddling, knocking about with class! Built with stability and maneuverability in mind, you will find these boats a delight to paddle. Not so small as to be cramped, or so short to be slow, but being built in Cedarstrip, light enough for anyone to carry.

We made this a series of four suitable by size for a lot of uses. We started with the underwater shape of our Teal and Widgeon canoes. We then lowered the depth for ease of paddling, and added a deck to keep things dry. The cockpit as shown is larger than our sea kayaks to allow plenty of room. Bulkheads are installed front and rear for safe flotation and storage. Seats are foam, as is the backrest, but if you have other preferences, we can work them into your personal boat.

**Remember: use these as the starting point for your custom canoe.**



CANOE COMPARISON CHART

<b>MODEL</b>	<b>Length</b>	<b>Beam</b>	<b>Waterline Beam</b>	<b>Guunel beam w/o outwales</b>	<b>Depth Bow/Center</b>	<b>Rocker</b>	<b>Weight</b>	<b>Designed Paddler Weight Range</b>	<b>Paddler decked version</b>	<b>Capacity*</b>
<b>Solo Canoes</b>										
<b>Teal #</b>	13'	26"	24.5"	24"	16/11"	2.25"	35 lbs.	100- 145 lbs.	100 - 175 lbs	400 lbs.
<b>Teal 14</b>	14'	26"	24.5"	24"	16/11"	2.25"	38 lbs.	100- 155 lbs.	100 - 185 lbs	430 lbs
<b>Widgeon 13</b>	13'	28"	26.5"	26.5"	16.5/11.25"	2.5"	38 lbs.	115- 160 lbs	115 - 200 lbs	435 lbs.
<b>Widgeon #</b>	14'	28"	26.5"	26.5"	16.5/11.25"	2.5"	40 lbs.	140- 180 lbs.	140 - 225 lbs	450 lbs.
<b>Widgeon 15</b>	15'	28"	26.5"	26.5"	16.5/11.25"	2.5"	45 lbs.	160-200 lbs.	N/A	500lbs.
<b>Goldeneye #</b>	15'	30"	28.5"	28.5"	17/11.5"	2.6"	45 lbs.	160- 240 lbs.	N/A	600 lbs.
<b>Tandem Canoes</b>										
<b>Mallard 15</b>	15'	34"	32"	32"	19/12	3"	48 lbs.	175- 300 lbs.		700 lbs.
<b>Pintail #</b>	16'	32"	30"	30"	19/12"	2.75"	50 lbs.	175- 300 lbs.		700 lbs.
<b>Mallard #</b>	16'	34"	32"	32"	19/12	3"	50 lbs.	200- 350 lbs.		750 lbs.
<b>Brant</b>	17'	34"	32"	32"	19/12"	3"	55 lbs.	250-400 lbs.		900 lbs.
<b>Brant 18</b>	18'	34"	32"	32"	19/12"	3"	60 lbs.	250-425 lbs.		1000 lbs.
<b>Guide</b>	18'	36"	34"	34.5"	19/13	3"	60 lbs.	250- 450 lbs.		1100 lbs.

\* Six Inches Of Freeboard.

# Patterns available \$40.00 per set

## Some Available Options for Open Canoes

While we believe that the standard model makes an excellent value as is, we feel there are many ways in which you may wish to customize your canoe. Below are some of the more commonly requested items. At no charge we offer either our 20" decks, or shorter 15" decks.

**Signature Series:** Signed hull, figured 15" decks, 3-piece accent strip, hand caned seats, and all mahogany trim, as a package.

**Solos**

**175.00**

**Tandems**

**250.00**

**Staple less construction:** This method prevents all the tiny marks in the hull, from where the staples hold the strips together while gluing. Both methods are equally as strong, but if you really don't like the marks, this is a very slick looking option. Because it takes much longer to do, it does come with a price tag.

**1200.00**

**Accent strips:** This is another way to really dress up your canoe. We are not talking about just using light or dark strips for color variation, those we do at no charge. We are talking about a single strip made up of light and dark woods, placed a couple of strips below the gunnels. It's a nice way to show off the shape of the canoe. Pattern planks are preglued before cutting strips.

**3 pc- 150.00**

**Multi-piece 200.00 per set**

**Bulkheads:** Fitted under the decks, and sealed in place with epoxy, the bulkheads form watertight compartments in each end. While not necessary, it does allow the canoe to float higher when swamped. Made either of mahogany ply (to match the trim), or strips to match the hull.

**175.00**

**Kneeling thwart:** A wide thwart used to rest your rear on when kneeling, in place of a seat in a canoe at no charge, or placed 18" behind, and lower than the yoke, at a slight angle, for soloing a tandem.

**50.00**

**Hand caned seats:** **Standard cane pattern now standard.** Custom cane pattern 140.00ea.

**Double paddle conversion:** We build all of our solos as either double paddle canoe, with your choice of seat, or as an open style for use with a single blade, with a higher seat. If you would like the ability to convert from one to the other, we offer a conversion kit. It includes bottom seat of your choice and the thwart. Converting consists of removing the seat, bolting in the thwart and placing the seat in the bottom of the canoe. Takes less than five minutes! 175.00

**Sail rig:** For tandems. ACA sail (lateen type), clamp on leeboard thwart w/two leeboards, tiller operated rudder, mast spars, and all hardware.

**\$1400.00**

**Paddles:** We make custom hardwood paddles in several styles, as an added touch for your canoe. We will size and fit them at no additional charge. Choose from a variety of woods and shapes.

**See paddle form**

## Additional options for the Decked Series

**Overlays:** Patterned pieces laid on the sanded deck before varnishing, some samples include compass roses, herons, ospreys, crabs all done in fine hardwoods.

**125.00**

**Bow hatch:** Smaller hatch on the bow deck to access the bow area.

**125.00**

**Stapleless construction:** Removes the appearance of lines of tiny holes by the staples used to hold the strips together while gluing. This makes a very nice, clean looking kayak, but at a price.

**Whole boat 1500.00**

**Deck only**

**700.00**



**Decked Teal showing overlay**





***Signature series 16" Mallard***



***Widgeon 13 Signature series***



***Goldeneye w/ Long decks***



***Decked Widgeon w/Accent strips and overlay***





### ***Decked Teal***

#### **Kayaks:**

Woodstrip kayaks are among the most stunning as well as superbly performing touring kayaks available. These are designed as true open water boats, and perform best in larger lakes, bays and open ocean. We have a selection for the proper size for you.

**Dovekie** - Moderate vee, asymmetrical, stable, tracks well (sea kayak, tripper) persons and gear to 250 Lb.

16'6" x 25" 45 lb

**Royal Tern** - Same cross-sectional shape as the Razorbill, but meant for someone who wants a low volume kayak. (Day trips, weekender, and rec. racing) persons and gear to 220 Lb.

17'6" x 21" 45 lb

**Razorbill** - One of our two fastest; almost symmetrical with a flatter vee, a real cruiser. (Weekender, recreational racing) persons and gear to 240 Lb.

17'8" x 23" 45 lb

**Lesser Loon** - A reduced version of the Loon expedition kayak, long and lean like the Razorbill, but with a more vee'd bottom and fuller ends. A good tracker (cruising, tripping) persons and gear to 270 Lb

18'2" x 23" 50 lb

**Loon** - An expedition sized kayak. Large capacity, long for a dry ride, and vee'd to track well. It is meant to take you and a whole lot of gear for a long trip. (Expedition- 2 to 4 weeks of well thought gear.)

20'2" x 24.5 55 lb

**Auklet** - A reduced Dovekie. Performs best at a total weight of less than 170 lb. of person and gear.

14'10" x 23" <40 lb

**Elegant Tern** - Best performance at a total weight of less than 175 lb. of person and gear

15'11" x 21" 40 lb.

**Razorbill 16** - Just a shortened version of the full size, all else is the same for those who prefer shorter boats. Performs well with persons and gear to 215 lb.

16' x 23" 42 lb.

**Skimmer** - A narrow expedition double, fast and efficient. Cockpits spaced far enough apart to avoid paddle dueling. It has both center and end storage.

21'1" x 26" 65 lb



### ***Dovekie***

*If you don't find it here, call and we'll quote one built around your specifications.*

Kayak Comparison Chart

<b>MODEL</b>	<b>Length</b>	<b>Beam Weight</b>	<b>Waterline Length</b>	<b>Beam</b>	<b>Height</b>	<b>Weight Range**</b>	<b>Total Weight</b>
		(approx.)					
<i>Auklet</i>	14' 10"	23"	40 lbs.	14'	14"	100-135 lbs.	185 lbs. 4.1 cu. ft.
<i>Dovekie #</i>	16' 6"	25.5"	45 lbs.	15' 3"	13"	150-185 lbs.	250 lbs. 5.98 cu. ft.
<i>Elegant Tern</i>	15' 11"	21"	40 lbs.	15' 4"	11.5"	100-140 lbs.	185 lbs. 4.5 cu. ft.
<i>Royal Tern</i>	17' 6"	21"	45 lbs.	16' 10"	12"	120-155 lbs.	205 lbs. 5.08 cu. ft.
<i>Razorbill 16</i>	16'	23'	40 lbs.	15' 5"	12"	130-165 lbs.	215 lbs. 5.25 cu. ft.
<i>Razorbill #</i>	17' 8"	23"	45 lbs.	17'	12"	150-185 lbs.	240 lbs. 6 cu. ft.
<i>Lesser Loon#</i>	17' 8"	23"	50 lbs.	17' 3"	12"	160-210 lbs.	265 lbs. 6.6 cu. ft.
<i>Loon #</i>	20' 2"	24.5"	55 lbs.	19' 2"	13"	175-240 lbs.	325 lbs. 9.15 cu. ft.
<i>Skimmer#</i>	21' 1"	26"	65 lbs.	20' 3"	14"	400 lbs. (Total)	500 lbs. 7.74 cu. ft.

\* Tandem

\*\* For Optimum performance

# Plans available \$95.00

### **Some Available Options for Kayaks**

The standard kayaks are fitted the way we use them. This consists of red cedar hull, 6 oz. fiberglass inside and out, hull and deck. A glass tape reinforces the keel seam on the outside. Marine plywood bulkheads and coamings, deck lines, carry handles, foam seats and flush hatches. Below are some of the most requested options.

**Line rigging of your choice is included in the basic price of a Kayak or Decked Canoe.**

**Staple-less construction:** Removes the appearance of lines of tiny holes by the staples used to hold the strips together while gluing. This makes a very nice, clean looking kayak, but at a price. The process of clamping each strip takes longer, because we can only do a few strips at a time, and that means it cost more. **Whole boat 1800.00      deck only 900.00**

**Overlays:** Patterned pieces laid on the sanded deck before varnishing; some samples include compass roses, herons, ospreys, crabs all done in fine hardwoods. **\$125.00**

**Accent Strips:** Really fancies up your kayak. Not just different color strips for variation, we do that at no charge. These are single strips made up of light and dark woods, placed as either the second strip from the sheer on the hull, or on the deck. It's a nice way to show off the lines of your kayak. Pattern planks are pre-glued before cutting the strips.

**See canoes.**

**Extra fiberglass:** Some, who paddle rough places with their boats, or are generally abusive, request an extra layer of 4 oz. glass on the bottom outside of the kayak. While not necessary, it makes it better at resisting punctures, at the expense of a couple of pounds.

**150.00**

**Seats:** While we offer a foam seat at no charge, we will install any seat you prefer at our cost.

**Cost.**

**Backband:** While most find the bulkhead pad quite comfortable, others prefer an adjustable backband. These can be added at any time.

**100.00**

**Rudder:** While we don't recommend rudders, because they teach bad habits, and even the best are prone to breaking, we do offer one. We use a rudder of the highest quality.

**\$500.00**

**Paddles:** We offer some of the lightest, traditionally shaped, all wood paddles on the market. Custom sized and made for you. Laminated. Sized to fit on order

**See Paddle form**

**Sprayskirts** are recommended, and are available by request and can be furnished with the completed kayak, fitted to the cockpit size. **Based on Cost when purchased with Kayak.**



***Elegant Tern w/Modified Inuit Paddle***





***Skimmer***



***Razorbill w/Greenland style paddle***



***Elegant Tern w/ Greenland paddle***



***Elegant Tern (Top) and Razorbill (Bottom)***



Effective 3/01/2021  
**Prices for Standard Boats**

*Because the cost of wood and the cost of fiberglass are based on length, and epoxy is used on the full length, all prices are based on the style of boat and the length.*

**Open Canoes**

*“Standard” canoes include a Red Cedar hull, covered inside and out with 6 oz. fiberglass and epoxy. All canoes have brass stembands on each stem, wrapping onto the decks. Seats and yokes are bolted, with brass or bronze bolts, through the inwales.*

13'	3200.00	16'	3800.00
14'	3400.00	17'	4000.00
15'	3600.00	18'	4300.00

*\*Patterns for some canoes available. Books with instructions will be recommended.  
Price \$40.00 each with permission to build 1 canoe.*

**Decked series**

*Built the same way as the open canoes but lower sides and decked over. Foam seat, backrest, rear hatch, and deck lines; standard. See separate page.*

13'	3500.00	14'	3700.00	15'	3900.00
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**Kayaks**

*“Standard” kayaks include a Red Cedar hull and decks, covered inside and out with 6 oz. fiberglass, overlapping at the seams. In addition, an extra layer of glass tape runs the length of the center seam on the bottom of the hull. Also included are a foam seat(s), footbraces, deck lines, bulkheads, hatches and carry handles.*

>15'	3900.00	>17'	4500.00	<20'	Call for price.
>16'	4200.00	>18'	4700.00		

*\*Patterns available for the Loon, Lesser Loon, Dovekie, Razorbill and Skimmer. All kayak plans come with instructions as built by the original designer. We will provide information on building it with our variations as it is much simpler.. Each with permission to build one kayak. Price \$95.00 per set.*

**Guideboat**

*Strip built version of the 19<sup>th</sup> century Rushton design, (see Guideboat page). Standard includes laminated Stems and ribs, Cherry trim. 16'x 39".*      **\$12,000.00**



*If you have any questions, or to order please phone us at 610-326-9282, or write to: Woodstrip Watercraft Co., 1818 Swamp Pike, Gilbertsville, PA 19525, or e-mail us at [Canoeal@aol.com](mailto:Canoeal@aol.com).*



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Wooden Canoes, Kayaks, Patterns, Supplies, Accessories, Restorations

## **Boat Order Form**

**Customer name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Contact information:** \_\_\_\_\_

**Boat Model** \_\_\_\_\_

**Std. price** \_\_\_\_\_

**No charge selections** \_\_\_\_\_

## **Options**

1. \_\_\_\_\_ Cost \_\_\_\_\_

2. \_\_\_\_\_ Cost \_\_\_\_\_

3. \_\_\_\_\_ Cost \_\_\_\_\_

4. \_\_\_\_\_ Cost \_\_\_\_\_

5. \_\_\_\_\_ Cost \_\_\_\_\_

If picked up at shop, or delivered in PA.      Subtotal \_\_\_\_\_  
Taxes 6% \_\_\_\_\_  
Total \_\_\_\_\_

Received \_\_\_\_\_ Non-refundable Deposit 25% \_\_\_\_\_

Received \_\_\_\_\_ Balance Due on Completion \_\_\_\_\_

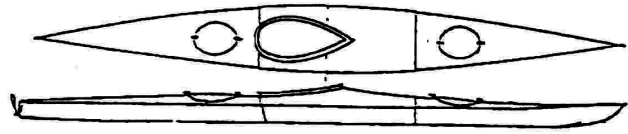
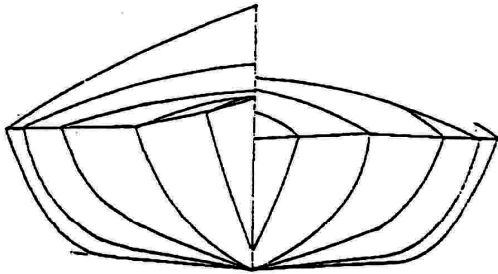
Signature \_\_\_\_\_ Date \_\_\_\_\_

Representative \_\_\_\_\_ Date \_\_\_\_\_

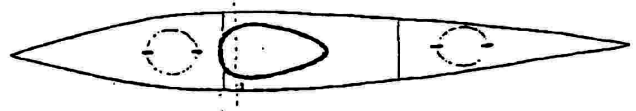
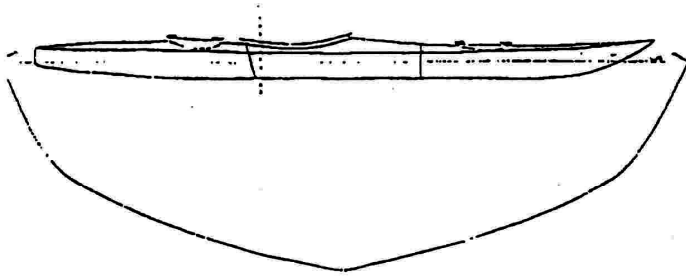
**PLEASE:** Call and talk to a representative before ordering a canoe or kayak.

(ph: 610-326-9282) Ask for Al. Delivery or shipping is additional, to be determined at the time of delivery.

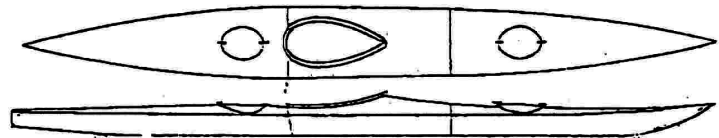
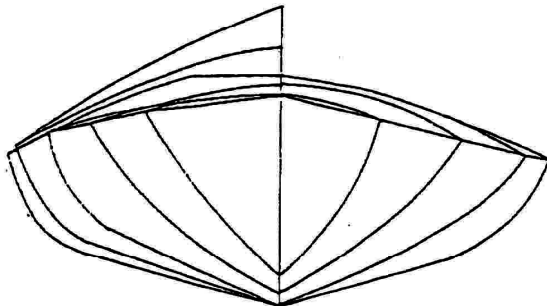
## KAYAK SHAPES



## RAZORBILLS & TERNs



## DOVEKIES



## LOONS