

2010 Nautiraid Catalog



Folding Canoes & kayaks



*Folding boats, designed for
extreme conditions, made for you !*





When I decided several months ago to accept the management of Nautiraid, a variety of reasons incited me to plunge myself in this magnificent adventure.

Two of them were outstanding for me : the quality of the products and the expertise of the work-force.

Founded in 1936, Nautiraid has continued to progress in the mastery of the manufacture of its products with the same obsession of the quality of the products.

Entirely manufactured in Mayenne, France, each boat is unique. Each wooden part is worked and varnished with care. Each aluminium component is mounted and assembled with precision. Each length of canvas is meticulously sewn and glued.

Happily noting the perfect mastery of the techniques adopted by the Nautiraid personnel, I could only go ahead.

In an industrial world where the quality of products so often yields to productivity and profit, it appeared obvious to me that Nautiraid, with such a strong tradition in the satisfaction of well-accomplished work, has a very promising future.

The passing of every day confirms that I was right.

The whole team joins with me to assure you that this precision of quality will always be at the heart of our concern in the years to come.

Eric Flambard
General Manager

3 good reasons to choose a Nautiraid folding kayak

There are three major reasons to purchase a Nautiraid folding kayak :

1 The first lies in the pure aesthetic lines of the boat. The quality of the traditional materials utilised gives it beauty and flexibility. Directly inspired by ancestral production techniques, the principle of canvas stretched over a framework gives Nautiraid Kayaks very pure lines.

2 The second is its facility of storage. You will be able to store your kayak in a small space when it is not in use. Depending on the model, it will pack into a maximum of two bags and a minimum of a single bag. You can easily store it in a garage, an attic or a closet. The folding kayak is very suitable for those who live in a big city where space is rare and expensive.

3 The third reason is its ease of transport. You can carry it in its bag(s) in a car trunk, a camper, or by train, plane or ship. The folding kayak is the kayak for those who set out without bounds for a weekend, whether for a trip or an expedition.

Components



Nautiraid manufactures folding kayaks in two ranges : Expedition and Touring

The **Expedition range** is designed for intensive and frequent utilisation.

The **Touring range**, simpler, delivers advantages in weight and economics.

The framework

Nautiraid is the only manufacturer of folding boats to offer a choice between a wooden or an aluminium alloy framework.

The wooden framework, apart from the pure aesthetics, can be completely assembled with a limited number of pieces that reduces the assembly time.

The aluminium framework, with a less traditional aspect enables both weight and price to be reduced.

Each framework requires a minimum of maintenance for each material. The metal fittings of the wood framework are in stainless steel which guarantees them against any corrosion notably by sea-water.

The skins

The decking of all models is coated with quick drying PVC and a good dimensional stability (no shrinking).

The weight of the kayak does not increase when it is wet.

The bottoms of the Expedition models are coated with black Hypalon, ensuring a very high resistance to ripping. Those of the Touring models are coated with Black PVC.

The skin of the Expedition models is heavier than that of the Touring models.

Equipment

All the Expedition models are systematically equipped with beaching strips to reinforce the bottom where the framework is in contact with the skin of the kayak.

All models are also equipped with "Stabilairs" which, once inflated on each side of the boat, form lateral floats. Completely outside the hull, they limit wave effects and increase stability. They are major safety elements. Even pierced or deflated, the skin of the kayak remains sufficiently stretched around the framework so that the canoe keeps all its floating qualities.

The tension of the skin mainly depends on the tension given to the framework in the skin, contrary to other systems where it depends only on the stretching from the inflation of the airbags inside the boat.

Assembly

Nautiraid kayaks are very simple to assemble and take to pieces. No tools are necessary.

The number of parts to be assembled (15 for a twin seat kayak and 6 for a single seater in wood) is limited on purpose in order to simplify these operations. The risk of losing parts is also limited.

Each boat is delivered with clear and illustrated assembly instructions. We recommend that our customers, before launching them into the water, try a few assembling, dismantling and folding away exercises in a quiet environment to quickly acquire the techniques.



Wood



Aluminium

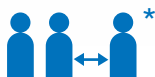


Grand Raid II 540

Expedition wood Touring wood



Expedition model



Recommended maximum load : 350 kg
Length : 540 cm
Width : 75 cm
 (90 cm "Stabilairs" inflated)

Cockpit
Length : 240 cm
Width : 43 cm

Distance between the two seats : 124 cm
Colour of deck : ● ● ● ●

140 x 32 x 21 cm

82 x 47 x 27 cm

Wood



Expedition : 16 kg + 20 kg = 36 kg
 Touring : 16 kg + 14 kg = 30 kg

Assembly time

Wood



10 min

Tandem folding kayak of large volume with central keel and flooring.
 Very good tracking and manoeuvrability because of its perfectly trimmed underwater lines.
 Very stable due to its "Stabilairs".
 Totally unsinkable.
 Very comfortable due to its inflatable seats and backrests.
 Can be converted to a single seater and used with a sail or small motor.
 Can seat two adults with two children.
 Recommended for persons with a height of over 1.80 metres.
 Ideal for excursions on the sea, lakes or rivers capable of long-distance expeditions.
 Standard equipment included in the price : see table page 11.
 For sea usage can be registered in EU categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.



Grand Raid II 520

Expedition wood Touring wood



Expedition model



Recommended maximum load : 320 kg
Length : 520 cm
Width : 74 cm
 (90 cm "Stabilairs" inflated)

Cockpit
Length : 220 cm
Width : 43 cm

Distance between the two seats : 116 cm
Colour of deck : ● ● ● ●

137 x 32 x 21 cm

87 x 47 x 27 cm

Wood



Expedition : 16 kg + 20 kg = 36 kg
 Touring : 16 kg + 14 kg = 30 kg

Assembly time

Wood



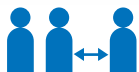
10 min

Tandem folding kayak of large volume with central keel and flooring.
 Very good tracking and manoeuvrability because of its perfectly trimmed underwater lines.
 Very stable due to its "Stabilairs".
 Totally unsinkable.
 Very comfortable because of its inflatable seats and backrests.
 Can be converted to a single seater and used with a sail or small motor.
 Can seat two adults with two children.
 Recommended for persons with a height of between 1.70 & 1.80 metres.
 Ideal for excursions on the sea, lakes or rivers capable of long-distance expeditions.
 Standard equipment included in the price : see table page 11.
 For sea usage can be registered in EU categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.

Grand Raid II 500

Expedition wood Touring wood or aluminium

Expedition model

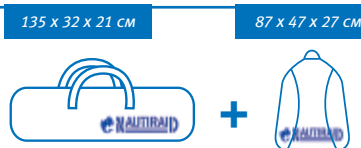


Recommended maximum load : 300 kg
Length : 500 cm
Width : 80 cm
 (90 cm "Stabilairs" inflated)

Cockpit
Length : 212 cm
Width : 43 cm

Distance between the two seats : 117 cm
Colour of deck : ● ● ● ●

Wood



Expedition : 14 kg + 19 kg = 33 kg
Touring : 14 kg + 13 kg = 27 kg

Alu



Touring : 26 kg

Assembly time

Wood  10 min

Alu  15 min

Tandem folding kayak of medium volume with flooring (wood models) and central keel.

Very good tracking and manoeuvrability because of its perfectly trimmed underwater lines.

Extremely stable due to its "Stabilairs".

Totally unsinkable.

Very comfortable due to inflatable seats and inflatable backrests allowing adjustment to the shape of one's back (according to the model).

Can be converted to a single seater and used with a sail or small motor.

Can seat two adults with two children.

Recommended for persons with a height of over 1.75 metres.

Ideal for excursions on sea, lakes or rivers capable of long-distance expeditions.

Standard equipment included in the price : see table page 11.

For sea usage can be registered in EU categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.

Raid II 455

Touring wood Touring aluminium

Touring Model

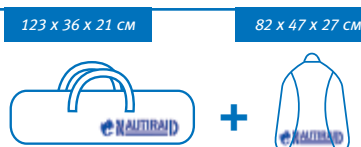


Recommended maximum load : 200 kg
Length : 455 cm
Width : 80 cm
 (88 cm "Stabilairs" inflated)

Cockpit
Length : 215 cm
Width : 43 cm

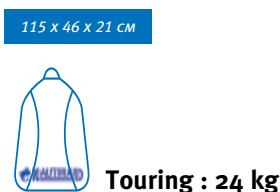
Distance between the two seats : 109 cm
Colour of deck : ● ● ● ●

Wood



Touring : 14 kg + 12 kg = 26 kg

Alu



Touring : 24 kg

Assembly time

Wood  10 min

Alu  15 min

Tandem folding kayak of medium volume with flooring (wood models) and central keel.

Very good tracking and manoeuvrability because of its perfectly trimmed underwater lines.

Extremely stable due to its "Stabilairs".

Totally unsinkable.

Very comfortable due to inflatable seats and inflatable backrests allowing adjustment to the shape of one's back (according to the model).

Can be converted to a single seater and used with a sail or small motor.

Can seat two adults with two children.

Recommended for persons with a height of up to 1.70 metres.

Ideal for excursions on sea, lakes or rivers capable of long-distance expeditions.

Standard equipment included in the price : see table page 11.

For sea usage can be registered in EU categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.

Greenlander I 500

Expedition wood or aluminium Touring wood or aluminium

Expedition model



Recommended maximum load : 130 kg
Length : 500 cm
Width : 59 cm
 (67 cm "Stabilairs" inflated)

Cockpit
Length : 92 cm
Width : 40 cm

Colour of deck : ● ● ● ● ●

Expedition : 12 kg + 13 kg = 25 kg
Touring : 12 kg + 9 kg = 21 kg

Assembly time

Wood 10 min

Alu 15 min



Expedition : 24 kg
Touring : 19 kg

Single seat folding kayak with a small volume.
 Good course maintenance, speedy and manoeuvrable due to its perfectly trimmed underwater lines.

Stable due to its "Stabilairs".

Totally unsinkable.

Very comfortable due to its inflatable seat and its backrest, inflatable or adjustable to the shape of one's back (according to the model).

Can be used with a sail or small motor.

The low deck and tight cockpit facilitate Eskimo rolling techniques.

Ideal for excursions on sea, lakes or rivers.

The framework is assembled prior to being slid into the skin by the stern deck.

Standard equipment included in the price : see table page 11.

For sea usage can be registered in categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.

Raid I 460

Expedition wood or aluminium Touring wood or aluminium

Expedition model



Recommended maximum load : 150 kg
Length : 460 cm
Width : 65 cm
 (72 cm "Stabilairs" inflated)

Cockpit
Length : 92 cm
Width : 40 cm

Colour of deck : ● ● ● ●

Expedition : 12 kg + 13 kg = 25 kg
Touring : 12 kg + 9 kg = 21 kg

Assembly time

Wood 10 min

Alu 15 min



Expedition : 24 kg
Touring : 19 kg

Single seat folding kayak of medium volume.
 More stable than the Greenlander because of its greater beam and its "Stabilairs" sponsons.

Good course maintenance and manoeuvrability due to its perfectly trimmed underwater lines.

Totally unsinkable.

Very comfortable due to its inflatable seat and its backrest, adjustable to the shape of one's back (according to the model).

Can be used with a sail or small motor.

Ideal for excursions and expeditions on sea, lakes or rivers.

The framework is assembled prior to being slid into the skin by the stern deck.

Standard equipment included in the price : see table page 11.

For sea usage can be registered in categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.

Raid I 416

Expedition wood or aluminium Touring wood or aluminium

Expedition model



115 x 46 x 21 cm



Wood

Expedition : 23 kg
Touring : 19 kg

115 x 46 x 21 cm



Alu

Expedition : 22 kg
Touring : 17 kg

Recommended maximum load : 130 kg
Length : 416 cm
Width : 59 cm
(70 cm "Stabilairs" inflated)

Cockpit
Length : 76 cm
Width : 40 cm

Colour of deck : ● ● ● ● ●

Assembly time

Wood  10 min

Alu  15 min

- Small single seat folding kayak.
- Good stability due to its "Stabilairs".
- Totally unsinkable.
- Very comfortable due to its inflatable seat and its backrest, adjustable to the shape of one's back.
- Can be used with a sail or small motor.
- Good manoeuvrability and course stability due to its perfectly trimmed underwater lines.
- Ideal for excursions and expeditions on sea, lakes or rivers.
- The framework is assembled prior to being slid into the skin by the stern deck.
- Standard equipment included in the price : see table page 11.
- For sea usage can be registered in categories C or D. Possibility of being paddled or sailed up to 2 sea-miles or 5 sea-miles from the coast subject to compliance with regulations and being outfitted with the required nautical equipment.



Raid I 325

Touring aluminium

Touring Model



100 x 35 x 15 cm



Alu

Touring : 12 kg

Recommended maximum load : 80 kg
Length : 325 cm
Width : 53 cm
(61 cm "Stabilairs" inflated)

Cockpit
Length : 76 cm
Width : 40 cm

Colour of deck : ● ● ● ● ●

Assembly time

Alu  10 min

- Small single seat folding Kayak.
- Flexible Coaming.
- Good course stability.
- Very light weight.
- Good stability due to its "Stabilairs".
- Totally unsinkable.
- Very comfortable due to its inflatable seat and its backrest adjustable to the shape of one's back.
- Good manoeuvrability.
- Framework is assembled prior to sliding it into the skin from the stern deck.
- Standard Equipment included in the price : see table page 11.
- Should stay within 300 metres from land or used on protected waterways.

Beach I 325

Aluminium



110 x 30 x 15 cm

Alu



9.5 kg

Recommended maximum load : 90 kg
Length : 325 cm
Width : 63 cm
(73 cm "Stabilairs" inflated)

Colour : ● ● ●

Assembly Time

Alu



7 min

Small single seat canoe for recreation with a length of 3.25 m.

With an inflatable seat and a pliable backrest fitting the shape of one's back, it is very comfortable.

Its sides are inflatable and make it unsinkable.

Its stability is excellent due to the increase of its width from 63 to 73 cm by inflating its "Stabilairs".

The metal framework gives it a very strong rigidity.

The central keel provides excellent course maintenance.

Perfect for fishing or paddling without confinement of deck and skirt.

Should stay within 300 metres from land or used on protected waters.



Beach II 390

Aluminium



110 x 35 x 15 cm

Alu



14.5 kg

Recommended maximum load : 180 kg
Length : 390 cm
Width : 69 cm
(79 cm "Stabilairs" inflated)

Colour : ● ● ●

Assembly Time

Alu



8 min

Small tandem canoe for recreation of 3.90 m length.

With two inflatable seats and two pliable backrests fitting the shape of one's back, it is very comfortable.

Its sides are inflatable and render it unsinkable.

It has excellent stability due to the increase of its width from 69 to 79 cm by the inflation of its "Stabilairs".

The metal framework gives it a very strong rigidity.

The central keel provides excellent course maintenance.

Should stay within 300 metres from land.

Rando 520

Aluminium



110 x 60 x 25 cm



Alu

24.5 kg

Assembly Time

Alu



20 min

Recommended maximum load : 350 kg
Length : 520 cm
Width : 87 cm
 (95 cm "Stabilairs" inflated)
Median height : 37 cm
Height of bow : 45 cm
Colour : ● ●

The latest model of the Nautiraid range is a 5.20 metres long folding Canoe, unsinkable and particularly stable due to its two inflatable "Stabilairs".

Its aluminium framework gives it a very strong rigidity.

Extremely versatile for family outings (2 adults and 2 children up to 10 years of age) for longer trips.

Skin covered in rot resistant waterproof PVC.

Equipped with a life-line for safety and practical aspects.

Mooring ring and possibility for adding decking.

Very good course maintenance.

Can also be paddled as a solo canoe.



Folding lane racing K I



105 x 42 x 10 cm



Alu

15 kg

Assembly Time

Alu



15 min

Recommended maximum weight : 85 kg
Length : 520 cm
Width : 43 cm
Colour of deck : ●

Folding lane-racing Kayak designed in conjunction with the German multiple Olympic champion Birgit Fischer.

Enables one's kayak to be taken all over the world for training purposes.

This kayak will surprise you by its performances very close to those of a competition boat.

The kayak is supplied with a foot rest and a trim that enables the usual seat to be raised.



Birgit Fischer
 8 x gold
 4 x silver

Accessories

Our accessories are designed to complete the equipping of your boat and make your paddling easier



Removable* rudder and pedals



Single seater sail kit

+ bag
100 x 100 x 85 cm
2,2 kg



Twin seater sail kit

+ bag
140 x 140 x 185 cm
3 kg



Motor bracket



Wheeled Expedition bags

Single bag for alu +
Raid I 416 wood: 95 x 45 x 30 cm
Bag for wooden single and
double kayak: 145 x 35 x 20 cm



Buoyancy aid from 35 to 50 newtons

JUNIOR
S/M - L/XL

Paddles

Spirit Day (carbon)

220 or 240 cm - Blade 17 x 48 cm - 730 g



Eskimo (glued laminated)

Mahogany, Ayous and Ash tree

250 or 270 cm - Blade 10 x 70 cm - 1470 g



Expedition (glued laminated)

Wild Cherry

220 or 240 cm - Blade 14,5 x 53 cm - 1110 g



Touring plume (glued laminated)

Lime tree

220 or 240 cm - Blade 17 x 48 cm - 1100 g



Touring classic

Ayous

210 or 230 cm - Blade 19 x 39 cm - 1080 g



Beach

210 or 230 cm - Blade 18 x 45 cm - 1240 g



Beach 4 parts

220 or 240 cm - Blade 18 x 45 cm - 1390 g



Glued laminated folding caddy

The wheels are compatible with the Expedition bags
1.9 kg



Canoe paddle



















Loon

Lime tree

144 or 152 cm - 580 g

* The rudder kit can be fitted on every kayak (except Raid I 325).

Equipment

Standard Equipment included in the net price	 Expedition  Wood	 Touring  Wood	 alu	 Expedition  Wood	 alu	 Touring  Wood	 alu	 Beach  alu	 alu	 Rando  alu	 Racing K1  alu
	540 520 500	540 520 500 455	500 455	Greenl 460 416	Greenl 460 416	460 416	Greenl 460 416 325	I 325	II 390	520 450	520
Stabilairs	2	2	2	2	2	2	2	2	2	2	-
Beaching strips	7	7	5	5	5	5	5*	3	3	-	-
Carrier bag	2	2	1	greenl=2 460=2 416=1	1	460=2 416=1	1	1	1	1	1
Foot rests	-	-	2	1	1	1	1	-	-	-	1
Knee rests	-	-	-	-	1	-	**1**	-	-	-	-
Skirt	-	-	-	1	1	1	1	-	-	-	-
Inflatable seats and backrests	2	-	-	1	1	-	-	-	-	canoe	-
Inflatable seats and flexible backrests	-	2	2	-	-	1	1	1	2	two seater	-
Wood coaming	1	1	1	1	1	1	-	-	-	-	-
Flexible coaming	-	-	-	-	-	-	1	-	-	-	-
Median reinforcement of deck	1 av 1 ar	- -	- -	1 av -	1 av -	- -	- -	- -	- -	- -	- -
Watertight seams Deck / Side	yes	yes	yes	yes	yes	yes	yes Except 325	-	-	-	-
Towing ring	1 av 1 ar	- -	- -	1 av -	1 av -	- -	-**	-	-	-	-
Suitcase handle for portage	1 av 1 ar	- -	- -	1 av -	1 av -	- -	-	-	-	-	-
Portage strap	- -	1 av 1 ar	1 av 1 ar	- 1 ar	- 1 ar	1 av 1 ar	1 av** 1 ar	-	-	-	-
Paddle pocket	2 av 2 ar	- -	- -	2 av -	2 av -	- -	- -	-	-	-	-
Paddle strap	4	-	-	2	2	-	-	-	-	-	-
Life-line	1	1	1	1	1	1	1	-	-	1	-
Pre-installed rudder cable outlets and rudder fittings	yes	yes	yes	yes	yes	yes	yes**	-	-	-	-
Zip fastener on aft deck	-	-	1	2	2	1	1	-	-	-	-
Repair Kit	1	1	1	1	1	1	1	1	1	1	1
Hatches	2	-	-	2	2	-	-	-	-	-	-

* Except 325 (1 bande)

** Except Greenlander and 460

*** Except 325

**** Except 325 and 416

leisure... touring... expeditions

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Traditional
manufacture

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*Folding boats, designed for
extreme conditions, made for you !*

