

2017 Catalog



STELLAR
Kayaks & Surf Skis

The Stellar Difference



Quality Materials • Epoxy • Heat Curing • Vacuum & Infusion • ISO 9001

Materials

The difference is in the details. At Stellar, we realize that all materials are not made the same and premium materials help make a superior boat. From Dupont Kevlar, Toray Carbon, Lantor Core and 3M finishing materials, we realize that these materials may cost more, but provide you with a superior boat in mechanical strength, aesthetic finish, optimal weight and consistent performance. We process those superior materials, by using epoxy resin, heat curing, vacuum and infusion to create the some of the best boats on the market.

Process

Being an ISO 9001 Certified Company, Stellar Kayaks has the quality assurance in place in every step of the process, from material purchasing through the final stages of production. This level of scrutiny keeps the production quality and consistency at a high level that you demand and expect.



MATERIAL SUMMARY

Carbon Fiber: The stiffest and lightest of fibers available, but also the most expensive.

Woven Carbon Fiber: Strands of carbon fiber woven in at least 2 directions.

Pre-preg Unidirectional Carbon: This is the most advanced technology, coming from Aerospace. All of the strands of carbon are lined up in one direction and infused with resin by a computer for accuracy.

Kevlar®(Aramid Fiber): Very stiff, very light and tough, but cheaper than carbon to make.

Fiberglass: Affordable, but not as stiff or light as carbon or Kevlar®.

Hybrid Fabric: Alternating woven strands of Carbon and Kevlar®, making a durable laminate that is stiff, light and impact resistant

Nomex® Honeycomb Core: Another material from Aerospace, this material is very light and stiff. In a laminate, it creates a sandwich structure, which adds strength and stiffness without weight.

Soric Core: Used as a network for resin to flow through during infusion of the boat. This material adds stiffness and toughness to the boat.

Design & Innovation

Hull Design:

Using computer aided drafting programs, we created hull shapes that were both stable yet fast in the water. Hydrostatic software calculated the stability and wetted surface area of the hull, where upon we could optimize our designs.

3D Modeling:

To design the cockpit we used a 3D drafted body and proportionally scaled it to the maximum and minimum size person that we were targeting for the particular model. We then were able to design the general ergonomics of the cockpit for comfort and fit.

Deck Design:

We included structural reinforcement into the design, at high stress points, with the actual shape of the boat, to create a stiffer and more durable kayak.

Lamination Technology Summary

We produce hand made advance composite boats, with technology learned from over 25yrs of experience, providing industry leading performance and quality. We offer four different laminates available for our range of Kayaks and Surf Skis. We recognize the demand for both high performance boats and affordable boats built to meet the rigors of the environment. Each grade of boat is heat cured in the mold, greatly increasing the durability and stiffness.

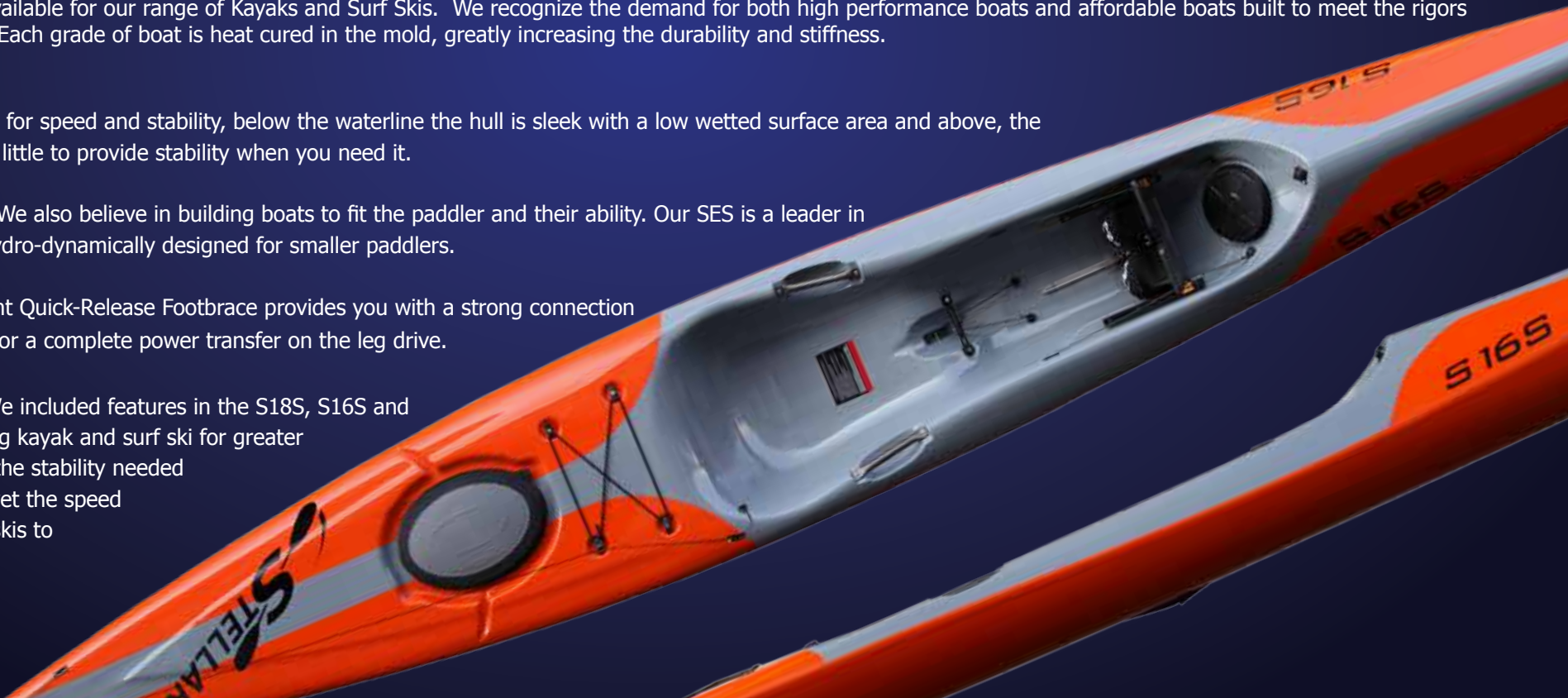
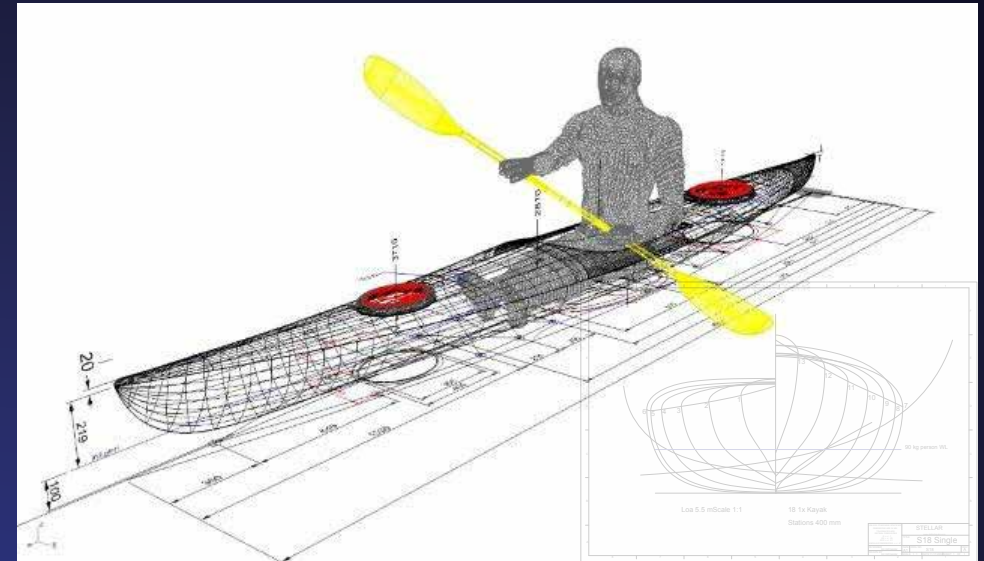
Innovation:

Hull Shape: Designed for speed and stability, below the waterline the hull is sleek with a low wetted surface area and above, the saxboard flares out a little to provide stability when you need it.

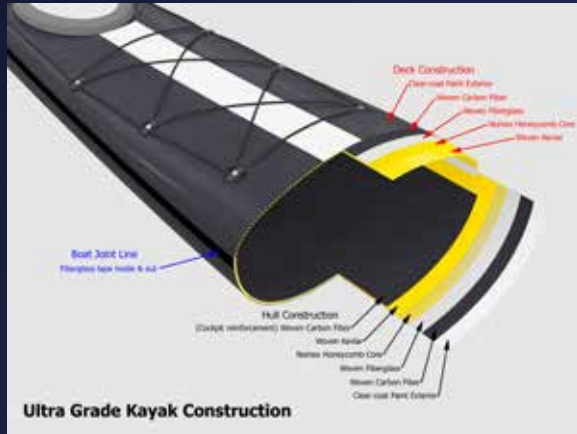
Low Volume Design: We also believe in building boats to fit the paddler and their ability. Our SES is a leader in the industry, being hydro-dynamically designed for smaller paddlers.

Footbrace: Our 3-point Quick-Release Footbrace provides you with a strong connection to the boat allowing for a complete power transfer on the leg drive.

Cross-over Kayaks: We included features in the S18S, S16S and S14S of both a touring kayak and surf ski for greater versatility and it has the stability needed for novice paddlers, yet the speed associated with surf skis to compete.



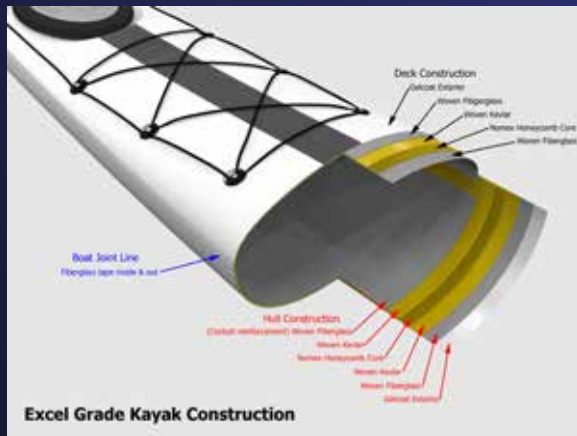
TOURING KAYAK CONSTRUCTION DIAGRAMS



ULTRA

Extremely stiff and light - The ultimate paddling machine that is also easy to move off of the water. Clear finished, heat cured epoxy woven Toray 3k Carbon Fiber laminate with Nomex® Honeycomb Core.

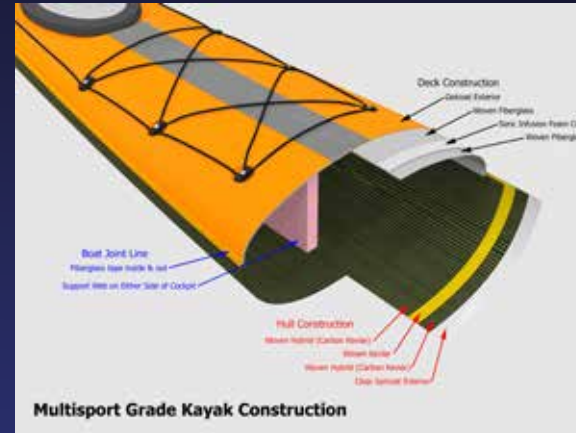
USES: Racing, fitness or easy to handle on land. Use care in transport and protect against hitting rocks.



EXCEL

Very stiff and light, yet more affordable than the Ultra. Kevlar® adds impact strength to the laminate - Gelcoat finished heat cured epoxy Kevlar® and Fiberglass laminate with Nomex® Honeycomb Core. Great for racing, or those looking for a light boat, but not ideal for shallow water paddling.

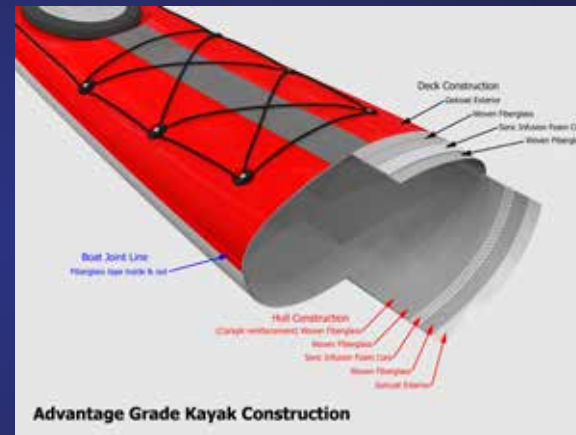
USES: Racing, fitness or easy to handle on land. Use care in transport and protect against hitting rocks.



MULTISPORT

Single skin laminate hull made of Carbon & Kevlar® fabric, with clear gelcoat finish, and the deck is the standard Advantage construction. The hull is designed to be flexible and durable, but creates a stiff boat that can take some abuse in the class I and II rapids and shallows, but is also at home in the ocean or the flats.

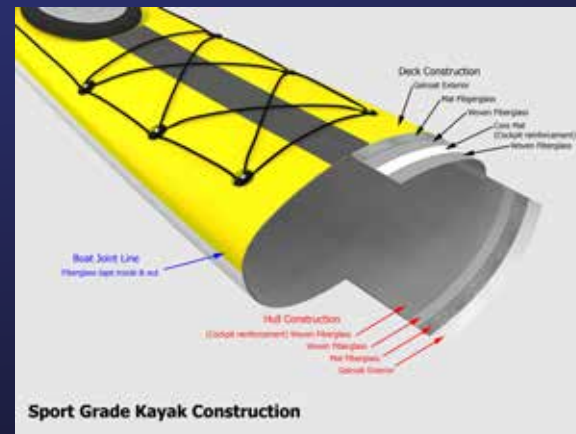
USES: Racing, fitness or touring. Flexible hull is ideal for shallow water paddling or smaller rivers.



ADVANTAGE

Great combination of weight, stiffness, durability and cost. Gelcoat finished heat cured infused epoxy Fiberglass and Soric® core laminate is very tough and resists against punctures. A great race boat on a tight budget. The Advantage hits the mark for price to weight ratio for most kayak paddlers.

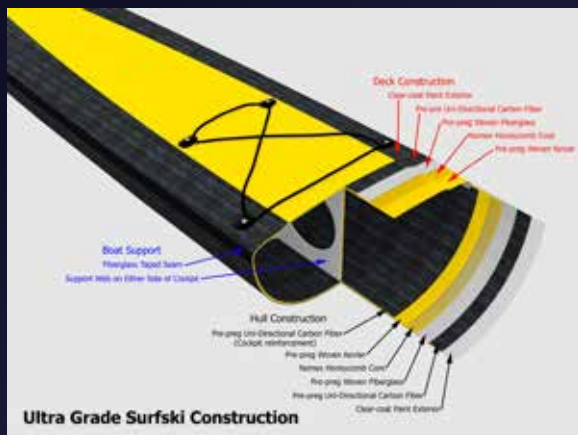
USES: Racing, fitness or touring. Stiff yet flexible hull is very tough and but take care in shallow rivers and lakes



SPORT

Very affordable and durable. A great entry boat for those new to the sport or for club usage. Gelcoat finished heat cured polyester Fiberglass and core-mat laminate.

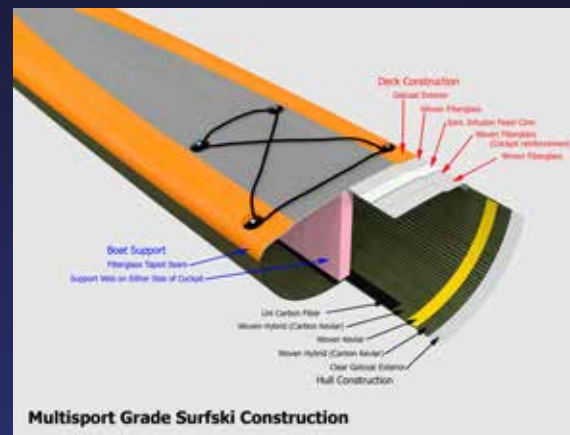
USES: Fitness or touring. Stiff yet flexible hull is very tough and but take care in shallow rivers and lakes



ULTRA (SES & SEL)

The ORIGINAL Pre-preg Surf Ski! Extremely stiff and light - The Ultimate Racing Machine - Clear finished High temperature cured epoxy Pre-preg uni-Directional Carbon Fiber Laminate with Nomex® Honeycomb Core.

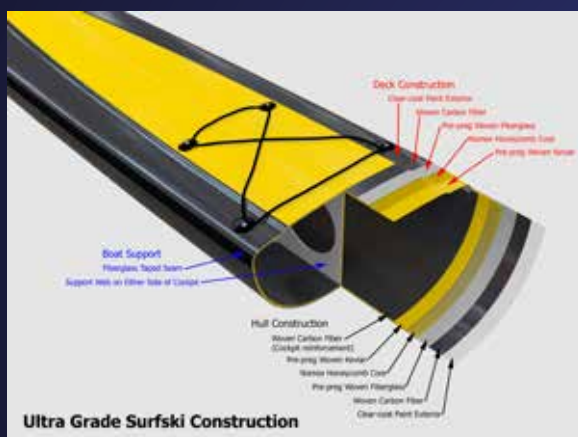
USES: Racing or fitness, the stiffest ski on the market!. Use care in transport and protect against hitting rocks.



MULTISPORT

Single skin laminate hull made of Carbon & Kevlar® fabric, with clear gelcoat finish, and the deck is the standard Advantage construction. The hull is designed to be flexible and durable, but creates a stiff boat that can take some abuse in the class I and II rapids and shallows, but is also at home in the ocean or the flats. Comes standard with an over-stern rudder, as well as a flush mounted Andersen mini-bailer.

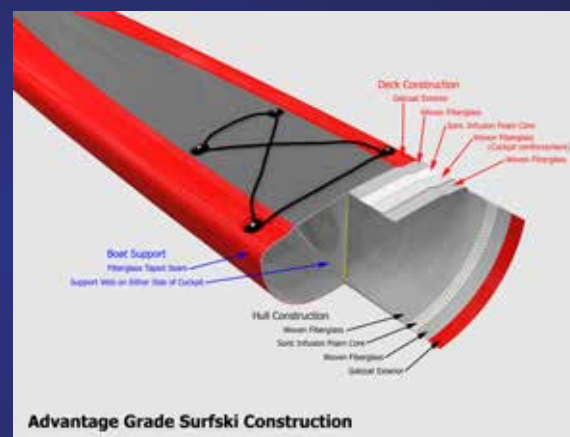
USES: Racing, fitness or touring. Flexible hull is ideal for shallow water paddling or smaller rivers.



ULTRA

Extremely stiff and light - The ultimate paddling machine that is also easy to move off of the water. Clear finished, heat cured epoxy woven Toray 3k Carbon Fiber laminate with Nomex® Honeycomb Core.

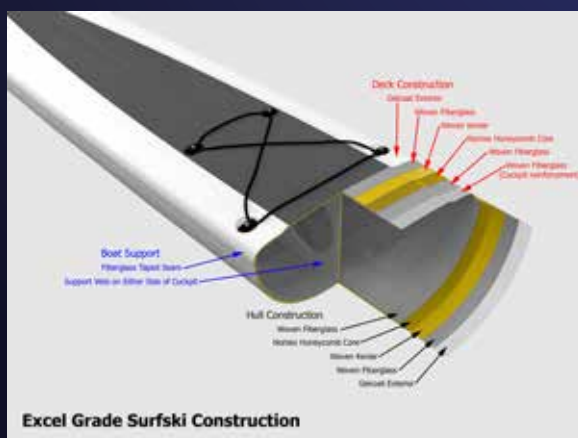
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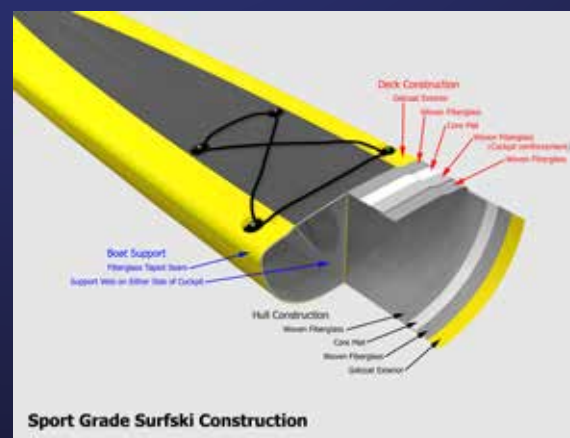
USES: Racing, fitness or touring. Stiff yet flexible hull is very tough and but take care in shallow rivers and lakes



EXCEL

Very stiff and light, yet more affordable than the Ultra. Kevlar® adds impact strength to the laminate - Gelcoat finished heat cured epoxy Kevlar® and Fiberglass laminate with Nomex® Honeycomb Core. Great for racing, or those looking for a light boat, but not ideal for shallow water paddling.

USES: Racing or fitness. Use care in transport and protect against hitting rocks.



SPORT

Very affordable and durable. A great entry boat for those new to the sport or for club usage. Gelcoat finished heat cured polyester Fiberglass and core-mat laminate.

USES: Fitness or touring. Stiff yet flexible hull is very tough and but take care in shallow rivers and lakes

TOURING KAYAKS



Our Touring Kayaks cut through the water for effortless paddling, providing you more speed due to the low wetted surface area of the hull. With a soft chine, our boats also have exceptional secondary stability for when the water gets rough. Our boats combine stability, speed and maneuverability yet possess ample storage for any size adventure. Our industry leading light-weight construction makes handling the boat on and off the water a joy!



Smart-Track Transitional footbrace w/Toe pilot on steering boats.



S18R/ST21: 3-point Quick-release carbon touring footbrace.



Smart-Track Over-Stern rudders systems with rudder keep.



Molded padded seat and back band with water bottle holder and heel pad.



Large and Small oval water tight hatches with sealed bulkheads.









Our **Performance Touring Kayaks** are ideal for touring or fitness paddling. All the features and capacity for the long haul, but the speed to get you there faster!

Our **Light Touring Kayaks** are ideal boats for beginners and intermediate paddlers alike. Straight tracking, wide cockpits and stable wide hulls provide confidence for even the most timid paddlers, but their speed and light weight are enjoyed by all!

Our **Recreational Kayaks** are a dream to paddle with great primary stability, yet the glide that is lacking in most "Rec" boats. These boats are capable for weekend tripping with modest storage. Amazing weights make our boats the obvious choice - pick one up to feel the difference!

Each Kayak is designed to meet the rigors of the environment where it will be paddled. The double fiberglass taped deck joint ensures a durable bond for those rough days, while the large rubber hatches provide dry storage for your cargo. Each piece of hardware is fastened to the deck has a nut bonded and capped to the boat for a water-proof seal and durable connection.

Stellar Color Options

-  Traffic Red
RAL 3020
-  Pure Orange
RAL 2004
-  Zinc Yellow
RAL 1018
-  Yellow Green
RAL 6018
-  Traffic Blue
RAL 5017
-  Pink
RAL 4003
-  White
RAL 9207
-  Jet Black
9005

LIGHT-WEIGHT!

PERFORMANCE TOURING KAYAKS

S16



Stellar 16' (S16) The S16 was designed for speed and stability on long distance tours. Moderate concavity at the bow and stern aide with tracking and an overs-tern rudder helps in rougher conditions. The high volume decks allow for a dryer ride for medium size paddlers. Thigh braces provide good contact when you need to stabilize.

Length: 16' / 4.95m **Beam:** 22" / 56.2cm
Depth: 12.7" / 32.5cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure ————— Fast ————— Racing		
Stability	Beginner	Intermediate	Advanced

S18



Stellar 18' (S18) The S18 was designed for speed and stability on long distance tours. Moderate concavity at the bow and stern aide with tracking and an overs-tern rudder helps in rougher conditions. The high volume decks allow for a dryer rider for larger paddlers and ample storage room for all your gear. Thigh braces provide good contact when you need to stabilize.

Length: 18' / 5.5m **Beam:** 21.5" / 54.7cm
Depth: 12.6" / 32cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure ————— Fast ————— Racing		
Stability	Beginner	Intermediate	Advanced

S18R



Stellar 18' Racer (S18R) The S18R was designed as a performance racing Sea Kayak yet, with ample storage, it is a capable Touring Kayak too. Its narrow catch, great secondary stability, light weight and over stern rudder provide speed and handling in all conditions. The standard full footboard provides better power transfer than traditional toe-pegs. The 4" waterline is compliant with the USCA Sea Kayak Division.

Length: 18' / 5.5m **Beam:** 21" / 53.2cm
Depth: 12.6" / 32cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure ————— Fast ————— Racing		
Stability	Beginner	Intermediate	Advanced

SI18



Intrepid 18' Sea Kayak (SI18) The SI18 is a more traditional hull design with hard chines, a defined keel and a retractable skeg with excellent handling in the Rock-Gardens or longer adventures. With 3 sealed storage compartments, a small day hatch in front of the cockpit, the SI18 provides plenty of storage options. A molded seat pad and thigh braces provide comfort and stability when it gets rough.

Length: 18' / 5.5m **Beam:** 21.3" / 54cm
Depth: 13.4" / 34cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure ————— Fast ————— Racing		
Stability	Beginner	Intermediate	Advanced

ST21



Stellar 21' Tandem (ST21) The ST21 has long, efficient hull lines that will slice through the water. With a narrow the ST21 is as at home on the race course as it is in on long tours, quickly eating up the miles. A full 3-point footbrace provides you with a stable platform for a strong leg drive, while a seat pad and thigh braces provide comfort and stability when it gets rough.

Length: 21' 4" / 6.5m **Beam:** 22.4" / 56.8cm
Depth: 13.7" / 34.8cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure ————— Fast ————— Racing		
Stability	Beginner	Intermediate	Advanced

LIGHT TOURING KAYAKS

S14LV



S14



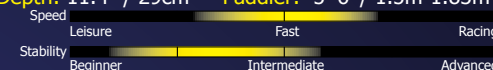
S15



Stellar 14' Low Volume (S14-LV) The S14-LV is in response to demand for a smaller version of our popular S14. Designed for speed and stability for small to medium sized paddlers for touring and fitness paddling, the S14-LV has the speed of a much longer boat. Two water tight hatches allow for ample storage for day and overnight trips, while the retractable skeg in the stern helps with tracking. The S14-LV comes standard with fittings to upgrade to a rudder steered boat as well.

Length: 13' 9" / 4.2m **Beam:** 22.2" / 56.4cm

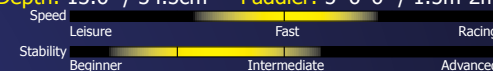
Depth: 11.4" / 29cm **Paddler:** 5'-6" / 1.5m-1.83m



Stellar 14' (S14) The S14 has the speed of a much longer boat, but beginners can feel comfortable paddling it too. Water tight hatches allow for ample storage for day and overnight trips, while the retractable skeg helps with tracking. Its short length and light weight make it ideal for easy storage. The S14 comes standard with fittings to upgrade to a rudder steered boat as well.

Length: 14' 3" / 4.35m **Beam:** 23.6" / 59.5cm

Depth: 13.6" / 34.5cm **Paddler:** 5'-6" 6" / 1.5m-2m



Stellar 15' (S15) The S15 was designed for speed and stability for small to medium sized paddlers for touring and fitness paddling. Moderate concavity at the bow and stern aide with tracking and an over-tern rudder helps in rougher conditions.

Length: 15' 1" / 4.6m **Beam:** 21.6" / 54.8cm

Depth: 11.8" / 30cm **Paddler:** 5'-6" 2" / 1.5m-1.88m



RECREATIONAL KAYAKS

S12



ST17



Stellar 12' (S12) The S12 is a great recreational boat, with excellent primary stability, tracking and its efficient hull lines provide performance to those who paddle it. The over-sized cockpit opening make it easy to enter or exit the boat. Water tight storage compartments provide ample storage.

Length: 12' / 3.67m **Beam:** 25.6" / 65cm

Depth: 13.6" / 34.5cm **Paddler:** 5'-6" 6" / 1.5m-2m



Stellar 17' Tandem (ST17) The ST17 is ideal for family outings in lakes and rivers. The wide beam provides a stable platform for paddling and the generous cockpit openings make it easy to enter and exit the boat. Dry storage in bow and stern hatches provide ample room for a multiple day adventure.

Length: 17' 5" / 5.3m **Beam:** 28" / 71cm

Depth: 14" / 34.8cm **Paddler:** 5'-6" 6" / 1.5m-2m



SURF SKIS



Speed, Stability, Durability and Comfort are the focus of our Surf Ski designs. Paddlers recognize this unique combination once they try our boats. Our Elite boats are on par with the fastest boats on the market, but delivers stability unseen in the class. Innovations like the 3-point footbrace transfer your leg drive to boat speed, making Stellar the right choice. Our expertise in composite design provide you with the most advanced boats, which are amazingly stiff, light-weight and durable!



3 Point Quick-release footbrace system



Quick draining Dual Venturi & Bullet



Water-bottle Holder, Lock Bar & Dual Drains w/Plugs



Stern hatch on S14S, S16S and S18S



Our **Racing Surf Skis** are ideal for racing and fitness paddling for experienced paddlers looking for the an edge over the competition. Low drag and good stability allow you to push yourself harder and faster!

Our **Intermediate Surf Skis** are have a great combination of speed and stability for those looking to get into racing or those looking for more stability on truly rough days. You will find it amazing what you can do in these boats!

Our **Recreational Surf Skis** are High Performance Sit-On-Top kayaks, with good primary stability and speed. They are easy to enter and exit, light-weight and easy to handle on land.

Each Surf Ski is designed to meet the rigors of the environment where it will be paddled. Every Surf Ski has a through running vertical stringer, fore and aft of the cockpit, to add stiffness to the boat when riding big waves or paddling out through the surf. The contoured stern deck and curved transition to the bow deck add structural strength to prevent stress fractures and the fiberglass taped seam reinforces the deck joint.



Over-stern rudder on Multi-Sport Skis and Rec. Skis.



Deck rigging for accessible stowage.



Bow & Stern Handles - Carbon on Racing and Intermediate skis

Stellar Color Options

	Traffic Red RAL 3020		Traffic Blue RAL 5017
	Pure Orange RAL 2004		Pink RAL 4003
	Zinc Yellow RAL 1018		White RAL 9207
	Yellow Green RAL 6018		Jet Black 9005

RACING SURF SKIS

SES



The Stellar Elite Small (SES), the Surf Ski that revolutionized the industry! Stellar started it all with the first Surf Ski hydro-dynamically and ergonomically optimized for smaller paddlers. With its fast hull, narrow catch, low volume cockpit and responsive steering, the SES is an amazing speed machine for smaller paddlers on flat water or ocean racing.

Length: 20' 4" / 6.2m **Beam:** 16.6" / 41.6cm
Depth: 13.8" / 35cm **Paddler:** 5'-6" 2" / 1.5m-1.88m



SEL



The Stellar Elite Low (SEL) has a unique combination of speed and stability, allowing paddlers to maintain proper technique and efficient strokes in more challenging conditions. Enough volume for large conditions, but also great for flat water paddling, the G2 SEL has with amazing glide, yet easily catches wash from others boats or runs in the ocean.

Length: 21' 6" / 6.55m **Beam:** 17.3" / 44cm
Depth: 13.8" / 35cm **Paddler:** 5' 5"-6' 6" / 1.65m-2m

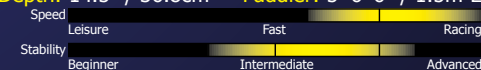


S2E



The Stellar Elite Double (S2E) will have you smiling, designed for true ocean conditions with ample volume in the bow and higher gunwales than the S2EL. Double venturi bailers ensure speedy bailing in even the worst of conditions. Stability inherent in the design gives you confidence to truly push yourself in all conditions without compromising speed, which is proving the S2E to be one of the fastest, yet most stable skis on the market.

Length: 24' 7" / 7.5m **Beam:** 18.9" / 48cm
Depth: 14.5" / 36.8cm **Paddler:** 5'-6' 6" / 1.5m-2m

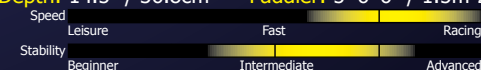


S2EL



Stellar Elite Double Low (S2EL), our original Double Surf Ski is designed for smaller paddlers or for more protected waters. The S2EL has a lower gunwales and bow deck for less windage and easier entries than the standard double skis on the market. The S2EL has similar characteristics to the SEL, with stability inherent in the design giving you confidence to truly push yourself in all conditions without compromising speed.

Length: 24' 7" / 7.5m **Beam:** 18.9" / 48cm
Depth: 14.5" / 36.8cm **Paddler:** 5'-6' 6" / 1.5m-2m



INTERMEDIATE SURF SKIS

S18S



The **Stellar 18' (S18S)** is an intermediate level surf ski with great top end speed, along with the stability. With 2 dry storage compartments, the S18S is also a capable touring kayak. Cockpit handles make handling the S18S easy in and out of the water. As a standard feature, the S18S is outfitted to accept a kick-up rudder for those who paddle in shallow areas. The S18S also meets the specifications for the USCA Fast Sea Kayak division if you wish to race.

Length: 18' / 5.5m **Beam:** 21" / 53.3cm
Depth: 14.2" / 36cm **Paddler:** 5'-6' 6" / 1.5m-2m

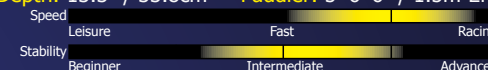


SR



The **Stellar Racer (SR)** is stable and fast for those paddlers looking to transition from a touring kayak or those who want more stability from a surf ski in rough conditions. The G2 SR has a greatly narrower catch, low volume footwell, increased bow deck volume and cockpit moved forward, modernizing this popular boat. The beauty of the SR is that it allows you to keep your paddling rhythm without bracing, which keeps the hull speed at a higher constant rate than if you were in a racing ski.

Length: 19' 2" / 5.84m **Beam:** 18.9" / 48cm
Depth: 13.3" / 33.8cm **Paddler:** 5'-6' 6" / 1.5m-2m

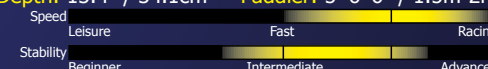


SEI



The NEW Stellar Elite Intermediate (SEI), the best of both worlds, top end speed and intermediate stability! The hull has been redesigned, greatly reducing surface area and drag, while optimizing the seating position and cockpit. The G2 SEI has amazing flat water glide and can pick up the smallest of bumps, eeking out speed where there is little to be found. In the bumps, the SEI easily drops in, carrying speed linking you from run to run. The position of the rudder allows for excellent control, whether riding a wash or running down-wind. The cockpit has been refined with a narrower catch, twin venturi's for quick bailing and an ergonomic seat for easy rotation and a powerful drive.

Length: 20' / 6.1m **Beam:** 18.1" / 46cm
Depth: 13.4" / 34.1cm **Paddler:** 5'-6' 6" / 1.5m-2m



RECREATIONAL SURF SKIS

S14S



The **Stellar 14' (S14S)** is a recreational sit-on-top kayak that makes entry and exit a breeze by eliminating the need to squeeze in and out of a cockpit. The steering system on the boat is very comfortable and responsive, keeping you on track. The S14S has the speed of a much longer boat, but beginners can feel comfortable paddling it too. Two water tight hatches allow for modest storage for day tripping and overnight adventures. Its short length and light weight make it ideal for those who want a high performance boat that is easy to carry, car-top, and store.

Length: 14' 3" / 4.36m **Beam:** 24.7" / 62.8cm
Depth: 13.4" / 34cm **Paddler:** 5'-6' 6" / 1.5m-2m



S16S



The **Stellar 16' (S16S)** is a transitional sit-on-top, stable enough for entry level and intermediate paddlers to feel comfortable, but fast enough for fitness paddling and racing! The open cockpit, rounded seat and 3-point footboard is very comfortable. with responsive steering. Two water tight hatches allow for day tripping and overnight adventures. In the ocean, the S16S is a blast, easily catching waves and carving on the waves. The S16S's light weight makes it responsive to your power on the water and with its cockpit handles, it is easy to carry and car-top.

Length: 16' / 4.88m **Beam:** 22.9" / 58.1cm
Depth: 13.9" / 35.2m **Paddler:** 5'-6' 6" / 1.5m-2m



BOAT CHART (English Units)

KAYAKS

Boat Stats.	SI18	S18R	S18	S16	S15	S14	S14-LV	S12	ST21	ST17
Length	18'	18'	18'	16'	15' 1"	14' 3"	13' 9"	12'	21' 4"	17' 5"
Beam	21"	21"	21.5"	22"	21.6"	23.6"	22.2"	25.6"	22.4"	28"
Depth	12.6"	12.6"	12.6"	12.7"	11.8"	13.6"	11.4"	13.6"	13.7"	14"
Paddler	5' - 6' 6"	5' - 6' 6"	5' - 6' 6"	5' - 6' 6"	5' - 6' 2"	5' - 6' 6"	5' - 6'	5' - 6' 6"	5' - 6' 6"	5' - 6' 6"
Capacity	320 lbs	330 lbs	390 lbs	360 lbs	300 lbs	340 lbs	250 lbs	300 lbs	575 lbs	500 lbs
Cockpit W.	17"	17"	17.3"	17.3"	17.3"	17.3"	16.9"	18.7"	17.3"	17.7"
Cockpit L.	32"	32"	32"	32"	32"	32.7"	32.7"	35.5"	32"	36.6"
Bow Storage	15.2 Gal	21.1 Gal	23.1 Gal	18.5 Gal	16.4 Gal	18.5 Gal	12.7 Gal	9.8 Gal	19 Gal	15.6 Gal
Stern Storage	33.3 Gal	34.3 Gal	33.3 Gal	27.7 Gal	26.4 Gal	29.1 Gal	24 Gal	26.4 Gal	27.7 Gal	30.9 Gal

Weights	SI18	S18R	S18	S16	S15	S14	S14-LV	S12	ST21	ST17
Ultra	40.8 lbs	34.2 lbs	35.5 lbs	34.2 lbs	33.1 lbs	31.7 lbs	30.9 lbs	29.8 lbs	48.5 lbs	47.4 lbs
Excel	40.8 lbs	35.3 lbs	36.4 lbs	35.3 lbs	34.6 lbs	34.2 lbs	32 lbs	30.9 lbs	55.1 lbs	53.4 lbs
Multi-Sport	N/A	39.2 lbs	39.7 lbs	37.5 lbs	36.4 lbs	N/A	N/A	N/A	57.3 lbs	N/A
Advantage	43.7 lbs	39.2 lbs	39.7 lbs	37.5 lbs	36.4 lbs	36.4 lbs	34 lbs	33.5 lbs	57.3 lbs	55.1 lbs
Sport	49.6 lbs	48.5 lbs	49.8 lbs	45.6 lbs	43 lbs	41.9 lbs	39.7 lbs	40.8 lbs	68.3 lbs	63.9 lbs

SURF SKIS

Boat Stats.	S2E/S2EL	SEL	SES	SEI	SR	S18S	S16S	S14S
Length	24' 7"	21' 2"	20' 3"	20'	19' 2"	18'	16'	14' 3"
Beam	18.9"	17.1"	16.4"	18.1"	18.9"	21"	22.9"	24.7"
Depth	14.5"	14.2"	13.8"	13.4"	13.4"	14.2"	13.9"	13.4"
Paddler	5' 5" - 6' 6"	5' 5" - 6' 6"	5' - 6' 3"	5' 5" - 6' 6"	5' - 6' 6"	5' - 6' 6"	5' - 6' 6"	5' - 6' 6"
Capacity	485 lbs	285 lbs	200 lbs	285 lbs	285 lbs	320 lbs	320 lbs	320 lbs

Weights	S2E/S2EL	SEL	SES	SEI	SR	S18S	S16S	S14S
Ultra	40.1 lbs	24 lbs	22.5 lbs	24.5 lbs	24.3 lbs	27.6 lbs	26.5 lbs	26 lbs
Excel	39.7 lbs	26 lbs	24.3 lbs	25.6 lbs	25.4 lbs	28.7 lbs	27.6 lbs	26.9 lbs
Multi-Sport	51.4 lbs	34.8 lbs	33.5 lbs	34.2 lbs	33.7 lbs	35.3 lbs	34.2 lbs	N/A
Advantage	48.5 lbs	33.1 lbs	31.3 lbs	32.4 lbs	32.2 lbs	35.9 lbs	35.3 lbs	34.2 lbs
Sport	50.7 lbs	34.2 lbs	33.1 lbs	33.7 lbs	33.1 lbs	39.7 lbs	39.2 lbs	38.6 lbs

BOAT CHART (Metric Units)

KAYAKS

Boat Stats.	SI18	S18R	S18	S16	S15	S14	S14LV	S12	ST21	ST17
Length	6.5m	5.3m	5.46m	5.5m	5.5m	4.95m	4.6m	4.35m	4.2m	3.67m
Beam	56.8cm	71cm	54cm	53.2cm	54.7cm	56.2cm	54.8cm	59.5cm	56.4cm	65cm
Depth	34.8cm	34.8cm	34cm	32cm	32cm	32.5cm	30cm	34.5cm	29cm	34.5cm
Paddler	1.5m -2m	1.5m -2m	1.5m -2m	1.5m -2m	1.5m -2m	1.5m -2m	1.5-1.87m	1.5m -2m	1.5m -2m	1.5m -2m
Capacity	145kg	150kg	175kg	165kg	135kg	155kg	110kg	135kg	260kg	230kg
Cockpit W.	44cm	44.9cm	44cm	44cm	44cm	43.8cm	43.8cm	43.7cm	43cm	47.5cm
Cockpit L.	81cm	93cm	81cm	81cm	81cm	81cm	81cm	83cm	83cm	90cm
Bow Storage	57.7L	80L	87.3L	70L	62L	70L	48L	37L	72L	59L
Stern Storage	126L	130L	126L	105L	100L	110L	91L	100L	105L	117L

Weights	SI18	S18R	S18	S16	S15	S14	S14LV	S12	ST21	ST17
Ultra	18.5kg	15.5kg	16.5kg	15.5kg	15kg	14.4kg	14kg	13.5kg	22kg	21.5kg
Excel	18.5kg	16kg	16.5kg	16kg	15.7kg	15.5kg	14.5kg	14kg	25kg	24.2kg
Multi-Sport	N/A	17.8kg	18kg	17kg	16.5kg	N/A	N/A	N/A	26kg	N/A
Advantage	19.58kg	17.8kg	18kg	17kg	16.5kg	16.5kg	15.4kg	15.2kg	26kg	25kg
Sport	22.5kg	22kg	22.6kg	20.7kg	19.5kg	19kg	18kg	18.5kg	31kg	29kg

SURF SKIS

Boat Stats.	S2E/S2EL	SEL	SES	SEI	SR	S18S	S16S	S14S
Length	7.5 m	6.45 m	6.2 m	6.1 m	5.85 m	5.5 m	4.88 m	4.36 m
Beam	48 cm	43.5 cm	41.6 cm	46 cm	48 cm	53.3 cm	58.1 cm	62.8 cm
Depth	36.8 cm	36 cm	35 cm	34.1 cm	34 cm	36 cm	35.2 cm	34 cm
Paddler	1.65m - 2m	1.65m - 2m	1.5m - 1.9m	1.65m - 2m	1.5m - 2m	1.5m - 2m	1.5m - 2m	1.5m - 2m
Capacity	220 kg	130 kg	100 kg	130 kg	130 kg	145 kg	145 kg	145 kg

Weights	S2E/S2EL	SEL	SES	SEI	SR	S18S	S16S	S14S
Ultra	18.2kg	10.9kg	10.2kg	11.1kg	11kg	12.5kg	12kg	11.8kg
Excel	18kg	11.8kg	11kg	11.6kg	11.5kg	13kg	12.5kg	12.2kg
Multi-Sport	23.3kg	15.8kg	15.2kg	15.5kg	15.3kg	16kg	15.5kg	N/A
Advantage	22kg	15kg	14.2kg	14.7kg	14.6kg	16.3kg	16kg	15.5kg
Sport	23kg	15.5kg	15kg	15.3kg	15kg	18kg	17.8kg	17.5kg

RACING KAYAKS



From flat water to down river racing, Stellar has an option! Our ICF Sprint Kayaks have long waterlines and low surface area. We also increased the volume in the ends for less porpoising and better glide.

Our Multisport Kayaks are making waves in New Zealand, designed for Class I-III rivers and to take a beating along the way!



ICF Sprint Kayaks

Apex T/P



Stellar Apex Trainer/Para K1, is a great off season trainer or perfect for intermediate paddlers looking to get into a sprint kayak. The Apex T has great top end speed and can turn on a dime, perfect for marathon racing! We designed the Apex T/P to have long smooth waterlines and minimal wetted surface area for superior acceleration and speed. The increased hull stability of the Apex P and strong 3-point footbrace provide a solid platform for a powerful leg drive. The Stellar Apex Para K1 (Apex P) conforms to the regulations set by the ICF for a Paralympic K1. We offer both T-bar or Surf Ski style footbraces for steering and for seating, either a pedestal or bucket styles.

Length: 17' / 5.2m **Beam:** 20.9" / 53cm
Depth: 13" / 33cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure Fast Racing		
Stability	Beginner	Intermediate	Advanced

Apex K1



Stellar Apex ICF K1 (75, 85 & 95) The Stellar Apex K1 is an ICF Sprint K1 with long, smooth waterlines. Our 3 point footbrace provides you with a solid platform for a powerful leg drive. With our background in composites, the Stellar Apex will certainly set the standard for stiffness, transferring more of your power into speed to help propel you to the medal podium. Currently available in the 75 (70-85kg / 155-185lbs), 85 (80-95kg / 175-210lbs) and 95 (90-105kg / 200-230lbs) sizes.

Length: 17' / 5.2m **Beam:** 16.1" / 41cm
Depth: 12.6" / 32cm **Paddler:** 5'-6" 6" / 1.5m-2m

Speed	Leisure Fast Racing		
Stability	Beginner	Intermediate	Advanced

Apex K2



Stellar Apex K2 The Stellar Apex K2 is an ICF Sprint Kayak with long, smooth waterlines and the speed and stability associated with Stellar Kayaks. We designed the hull of the Apex to greatly reduce drag by making a really fine bow that reduces the form drag as well as a low wetted surface area over the entire hull. Our 3 point footbrace provides you with a solid platform for a powerful leg drive. With our background in composites, the Stellar Apex sets the standard for stiffness, transferring more of your power into speed to help propel you to the medals platform.

Length: 21' 4" / 6.5m **Beam:** 16.1" / 41cm
Depth: 13.5" / 34.2cm **Paddler:** 5'-6" 2" / 1.5m-1.88m

Speed	Leisure Fast Racing		
Stability	Beginner	Intermediate	Advanced

Multisport Kayak - **NEW PRODUCT!**

Rapid-S



The **Rapid-S** is born from the desire to go fast down class 1 and 2 rapids in the Mountains of New Zealand. The hull shape is derived from the popular SES with the flexible, yet stiff multi-sport construction to bounce off the river bottom. The bow deck has a streamlined high volume shape to shed water when punching through rapids to keep you moving on the backside. Over stern rudders kick-up out of the way when they run aground, a must for shallow waters! The Rapid-S is a beast on the flat water too, moving very fast on the slack water or lakes.

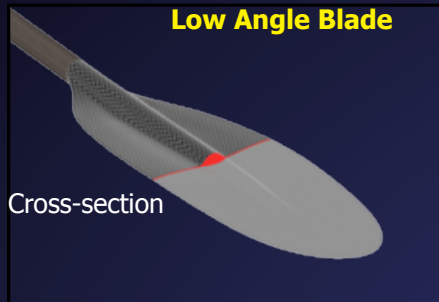


Length: 20' 3" / 6.2m **Beam:** 16.3" / 41.4cm
Depth: 15.8" / 40cm **Paddler:** 5'-6" 2" / 1.5m-1.88m

Speed	Leisure Fast Racing		
Stability	Beginner	Intermediate	Advanced

PADDLES

Low Angle Blade



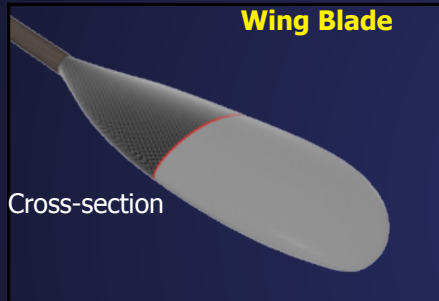
Low Angle Touring Paddles

Our Low Angle touring paddle is designed to give you a comfortable, light and quiet paddle. The rib on the back side of the blade stiffens the paddle as well as provides buoyancy. Comfortable Oval Shaft fits your hand well for longer trips and comes standard with drip-rings.



Low Angle Touring Paddles
Blade Length: 20 in (51.5 cm)
Blade Width: 5.5 in (14.5 cm)
Blade Area: 103 in² (665 cm²)

Wing Blade



Mid-Wing & Small-Wing Paddles

Our Wing paddle provides strong connection through the drive and a clean release. The low twist Airfoil cross-section of our wing provides hydrodynamic lift during a high angle stroke that is easy to paddle. Comfortable Oval Shaft fits your hand well and is stiff for maximum power application.



Mid-Wing Paddle
Blade Length: 20 in (51.5 cm)
Blade Width: 6.5 in (16.5 cm)
Blade Area: 117 in² (755 cm²)

Small-Wing Paddle
Blade Length: 19.6 in (50 cm)
Blade Width: 6.3 in (16 cm)
Blade Area: 113 in² (730 cm²)

Paddle Weight & Construction

Ultralight:

Paddle Weight: 27 oz (780 g)
Stiff Foam Cored Blade
Smooth Woven Carbon Shaft

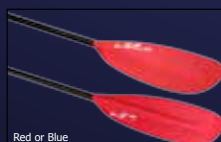
Hybrid:

Paddle Weight: 30 oz (860 g)
Stiff Foam Cored Blade
Smooth Carbon Shaft

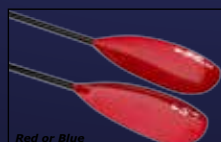
Value:

Paddle Weight: 33 oz (950 g)
Durable Dyed Fiberglass Blade
Black Fiberglass Shaft

Low Angle Touring Paddles



Mid & Small Wing Paddles



Paddle Length and Angle Adjustment

Our paddles make it easy to adjust both angle and length with a secure aluminum cam lock. Length adjustment is available in ranges of 10cm. The ferrule is scribed with 1cm increments for length adjustment as well as angle for left and right feather.



Aluminum Cam Lock with Scribed Ferrule, Length & Angle Adjustable. Stainless Steel Handle with Tension adjustment

ACCESSORIES



Spray Skirt & Cockpit Cover



Double Layered Lycra Performance Shorts



Dye-sublimated Short & Long Sleeve Wicking Shirts



Hi-Vis Hats



Boat Cover w/shoulder strap



Molded Foam Seat Pad for Touring Boats



Neoprene Surf Ski Hip-pad & Surf Ski Seat Pad



Spare Parts Kits (touring or ski)



Two Piece Padded Paddle Bag



Stern Flags



Boat Slings



Paddle & Leg Leashes



Stellar Kayaks USA Contact

Tel: (413) 225-3125

Email(Sales): deb@stellarkayaksusa.com

Email(Tech): david@stellarkayaksusa.com

Website: www.StellarKayaksUSA.com

Mailing Address:

96 Main St.

Northfield, MA 01360

The Next Generation of Performance
www.StellarKayaksUSA.com