

SILVER AWARD

Scarlett Wood



“Mini Boat Rider-MBR”

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SUNDBERGFERAR



Design Concept:

Mini Boat Rider-MBR is used by anyone that has mobility problems and who can't swim. This will help them to enjoy the water at our MI National Parks and have fun as they are looking at nature.

mini-boat-rider

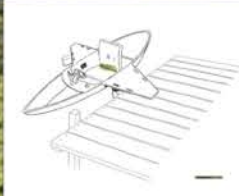
Water cannons mounted in the steering pod allow riders to keep each other cool when paddling on hot days!!!

The cockpit incorporates speakers so riders can enjoy music on the water, and a sealed tray to securely hold and store food items.

The steering wheel pivots forward to provide a more open cockpit for entry and exit.

Wings allow the rider to sit for more stable entry into the boat. Multiple handholds provide a variety of grip options.

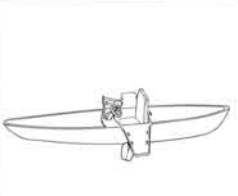
The Mini-Boat-Rider incorporates two drive modes:
• Self-Rowing Paddles
• Fintail Stern Drive



The sides of the boat incorporate outrigger platforms that create an easier way to get into and out of the boat. The user can sit on these and brace the boat against a dock or the shore.



The kayak incorporates two electrically driven drive systems:
• Self-rowing paddles
• Fintail stern drive



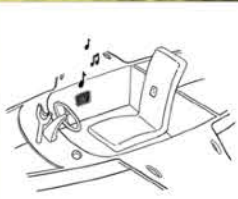
For fun and cooling off the deck integrates a water balloon slingshot!!



A pull-out tray allows provides containment for food items while on the water. This feature can be used both for storage and food service.



Motor remains locked until a sensor enabled personal flotation device is placed in range of the occupant sensor.



Waterproof speakers are integrated into the cockpit to allow the user to enjoy their favorite music while on the water.

Sensors built into the rider's life vest and the seat back form a lockout that prevents riders without the sensor in their vest from engaging the boat's drive systems.

