

COMING
SOON

THE KAYAK THAT FLIES OVER THE WATER

Carbon-fiber wings allow the Flyak to travel three times as fast as any other kayak



NO MATTER HOW VIGOROUSLY you paddle, a kayak's speed is ultimately limited by drag. The harder you push against the water, the harder it pushes back, resulting in average speeds of six miles an hour. This is a fact that Norwegian Einar Rasmussen, who has a master's degree in theoretical physics, understands. Fortunately, it's not something Rasmussen, who is also a former canoeing champion, accepts. His invention, the Flyak, can hover above the water and has been clocked at 17 mph. Designed and manufactured by Foil Kayak AS in Oslo, Norway, the breakthrough boat employs a pair of submerged carbon-fiber wings, also called hydrofoils, connected to the boat's hull by vertical struts. As you paddle, pressure builds under the wings—which perform like airplane wings—generating enough lift to push the boat's hull out of the water. Because the boat hydroplanes on the wings, it encounters minimal resistance. The faster the boat moves, the higher the wings rise underwater, and at top speeds the hull hovers more than six inches above the surface.—STEPHEN REGENOLD

Strut

Carbon-fiber
wing



ROW! As you paddle, the kayak lifts out of the water.

FOIL KAYAK FLYAK

TOP SPEED: 17 mph
LENGTH: 17 ft.
WEIGHT: 22 lbs.
PRICE: \$2,000
GET IT: In June at foilkayak.com