

RECKLESS

General Purpose Unmanned Surface Vehicle



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Specs:

Digital GPS

Width 40 in

Length 80 in

2 KW X 2 Motor

Empty Weight 198 lb

Electric Dual Jet Drives

Max Cargo Weight 500 lb

6 hr Duration at Survey Speed

Platform Volume of 20 cubic feet

Doodle Labs Radio (1 watt)

Compatible with MPU5 Military Radios

Compatible with ATAK Software

High Strength, Low Weight Carbon Fiber Hull

High-Grade Industrial Marine Fabric Boat Stand

Max 14 Knot Dash Speed, 4 Knot Speed with Full Cargo

Low Dielectric Super Structure allows for Internal Antennae

Frequency hopping 2.4 GHz Transmitter Controller with 3 watt Amplifier

Capable of Autonomous Waypoint Navigation for 15 miles with 550 lb Payload



Items have been developed in part under the assistance of multiple

U.S. Federal SBIR/STTR contracts listed below:

N6833514G0039 Open BOA

N6833515C0138

N6833513C0281

DOCRA1333R14SE2877

DOCRA133R11CN0188

N0001410MO458

N0001411MO119

HR001112C0073

NSF-1722355-A

N6833518F0001

N6833524C0095



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Patents Include:

US #882555, Korea #10-1482486, Mexico #339942,

Indonesia #W-00201304834, Hong Kong (Taiwan/China) #14108254.8,

Australia #2012239947, European Union (30+ countries) #269436, Greece 3095439