

ePropulsion Test Ride Report

Motor: Spirit 1.0 Plus

Boat: BOTE Rover Aero

Test Date: 2021.1.14

Testing Personnel: Rich Hinckley



Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	1.9 / 3.1	36:25	69.2 / 111
65	2.5 / 4	19:35	49 / 78.9
150	3.8 / 6.1	10:00	38 / 61.2
250	4.2 / 6.8	5:00	21 / 33.8
500	4.5 / 7.2	2:30	11.2 / 18
750	5 / 8.1	1:40	8.3 / 13.6
1000	5.7 / 9.2	1:15	7.1 / 11.4

Test Condition

Number of People	1
Temperature (°C / °F)	12 / 55
Weather	Sunny, wind calm
Configuration	1
Location	Lake Riverwalk, Houston, Texas

Spirit 1.0 Plus

Max Power (W)	1000
Battery Capacity (Wh)	1276 (Spirit Battery * 1)
Control	Tiller

Propeller

Diameter × Pitch (cm / in.)	28 × 14.7 / 11 × 5.8
Rated RPM	1200
Number of Blades	2
Propeller Material	fiber-reinforced nylon

BOTE Rover Aero

Length (mm / ft.)	3827 / 12'6"
Beam (mm / in.)	1028 / 40.5"
Dry Weight (kg / lbs.)	28.5 / 63

Boat Manufacturer

BOTE
383 Harbor Blvd, Destin, FL 32541
www.boteboard.com



Disclaimer

Your boat's performance may be different than the information contained in this test ride report due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, etc. The information and data contained in this test ride report are provided as a guideline only. ePropulsion reserves the right to change the specifications and performance data of this test report without notice.

For more information please visit: www.epropulsion.com