

ePropulsion Test Ride Report

Motor: Spirit 1.0

Boat: Alumacraft Escape 145

Test Date: 2020.8.24

Testing Personnel: Edward Rush



Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	1.3 / 2.1	28:36	37.1 / 60
65	1.8 / 2.9	15:18	27.7 / 44.6
150	2.3 / 3.7	8:00	18.4 / 29.6
250	2.8 / 4.5	4:00	11.2 / 18
500	3.8 / 6.1	2:00	7.6 / 12.2
750	4.5 / 7.2	1:18	6 / 9.7
1000	5.2 / 8.4	1:00	5.2 / 8.4

Test Condition

Number of People	1
Temperature (°C / °F)	29 / 85
Weather	Sunny, slight breeze
Configuration	1
Location	Lake Gerard, New Jersey, USA

Spirit 1.0

Max Power (W)	1000
Battery Capacity (Wh)	1018 (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

Alumacraft Escape 145

Length (mm / ft.)	4400 / 14.5
Beam (mm / in.)	1900 / 76
Dry Weight (kg / lbs.)	251 / 554
Transom Height (mm / in.)	500 / 20

Boat Manufacturer

Alumacraft Boats
315 W. Saint Julien St.
St. Peter, MN 56082
www.alumacraft.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