



# Performance Criteria



**Manufacturer:** Hewescraft  
**Model:** 180 Sea Runner  
**Hull Type:** Aluminum (V-Hull)  
**Test Date:** 7/15/08  
**Mfg. Address:** 2600 North Highway  
 Colville, WA 99114

## Test Data

RPM	MPH	GPH	MPG
Idle	2.5		
1000	3.9		
1500	5.5	.8	6.8
2000	7.2	1.6	4.5
2500	9.1	2.1	4.3
3000	14.2	3.1	4.6
3500	19.2	4.3	4.5
4000	23.6	5.4	4.4
4500	27.9	6.8	4.1
5000	31.1	8.1	3.8
5500	35.6	8.9	4
5800 (WOT)	38	9.4	4

Length:	18'
Beam:	7' 10"
Weight:	1,400 lbs.
Max HP:	150 hp
Fuel Capacity:	52 gal.

**Power:** Single BF90

Horsepower:	90
Displacement:	1.5 L
Weight:	365 lbs.
Gear Ratio:	2.33:1
Mounting Height:	2 <sup>nd</sup> Hole
Prop (Material/Blades)	Stainless (3)
Prop Manufacturer	Power Tech
Prop (Diameter/Pitch)	13 7/8 x 17

## Test Conditions

No. of People:	2
Fuel Load:	10 gal.
Total Weight:	2,200 lbs.
Air Temperature:	75°
Test Conditions	Calm
Elevation:	Sea Level
Wind Velocity:	0-5 mph

Data may vary due to changes in weather, elevation and load conditions. Speed data gathered by GPS receiver.

Time to Plane: 4.5 Seconds

Acceleration 0~20 MPH: 7.1 Seconds