



# Performance Criteria



## Test Data

RPM	MPH	GPH	MPG
Idle	3.4		
1000	4.2	.5	8.4
1500	6.2	.9	6.9
2000	7.8	1.1	7.1
2500	11.1	2	5.6
3000	19.4	2.6	7.5
3500	25.3	3.6	7
4000	29.5	4.7	6.3
4500	34	6.4	5.3
5000	38.1	8.1	4.7
5500	41.1	10.6	3.9
6000 (WOT)	42.8	12.1	3.5

**Manufacturer:** Weldcraft  
**Model:** 188 Rebel  
**Hull Type:** Aluminum  
**Test Date:** 8/15/08  
**Mfg. Address:** 1061 16<sup>th</sup> Avenue  
 Clarkston, WA 99403

Length:	18' 8"
Beam:	7' 4"
Weight:	1,439 lbs.
Max HP:	150 hp
Fuel Capacity:	42 gal.

**Power:** Single BF150 XL

Horsepower:	150
Displacement:	2.4 L
Weight:	485 lbs.
Gear Ratio:	2.14:1
Mounting Height:	2 <sup>nd</sup> Hole
Prop (Material/Blades)	Stainless (3)
Prop Manufacturer	Power Tech
Prop (Diameter/Pitch)	15 ¼ x 17

## Test Conditions

No. of People:	2
Fuel Load:	10 gal.
Total Weight:	2,364 lbs.
Air Temperature:	80°
Test Conditions	Calm
Elevation:	750'
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: 3.2 Seconds

Acceleration 0~20 MPH: 5.4 Seconds