



# Performance Criteria



**Manufacturer:** Polar Kraft  
**Model:** V 186 T  
**Hull Type:** Aluminum  
**Test Date:** September 13, 2006  
**Mfg. Address:** 4500 Middlebury St.  
 Elkhart, IN 46516

## Test Data

RPM	MPH	GPH	MPG
Idle	-	-	-
1000	2.7	.4	6.8
1500	5.4	.8	6.8
2000	6.8	1.0	6.8
2500	8.5	1.7	5.0
3000	15.6	2.2	7.1
3500	21.4	2.2	9.7
4000	26.4	2.9	9.1
4500	30.4	5.9	5.2
5000	34.5	6.6	5.2
5600 (WOT)	38.3	7.6	5.0

Length:	18' 6"
Beam:	7' 8"
Weight:	1,124 lbs
Max HP:	75 hp
Fuel Capacity:	27 gal

**Power:** Single BF75

Horsepower:	75
Displacement:	1.5 L
Weight:	359 lbs.
Gear Ratio:	2.33:1
Mounting Height:	3 <sup>rd</sup> Hole
Prop (Material/Blades)	Stainless (3)
Prop Manufacturer	Solas
Prop (Diameter/Pitch)	13 7/8 x 19

## Test Conditions

No. of People:	2
Fuel Load:	27 gal
Total Weight:	2,013 lbs
Air Temperature:	81°
Test Conditions	Calm
Elevation:	800'
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: Seconds

Acceleration 0~20 MPH: 5.6 Seconds