

Performance Criteria



Manufacturer: Custom Weld

Model: Viper (Wide Body)

Length:	19'
Beam:	8' 7"
Weight:	2,750
Max HP:	175
Fuel Capacity:	40 gal.

RPM	MPH	GPH	MPG
Idle	3.2		
1000	4.1		
1500	6	.9	6.6
2000	7.5	1.3	5.8
2500	10.1	2.4	4.2
3000	18.3	3.2	5.7
3500	24.5	3.9	6.2
4000	30.1	5.5	5.5
4500	33.9	6.2	5.4
5000	36.5	7.6	4.8
5500	41	10	4.1
6000	43	12.4	3.5
WOT (6400)	44.4	14	3.2

Power: Single BF150

Horsepower:	150
Displacement:	2.4 L
Weight:	485 lbs.
Gear Ratio:	2.14:1
Mounting Height:	Bottom
Prop (Material/Blades)	Stainless (3)
Prop Manufacturer	Solas
Prop (Diameter/Pitch)	14 3/4 x 18

Test Conditions

No. of People:	2
Fuel Load:	20 gal.
Total Weight:	3,827 lbs.
Air Temperature:	65°F
Test Conditions	Calm
Elevation:	2300'
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: 4.3 Seconds

Acceleration 0~20 MPH: 6.4 Seconds