

Performance Criteria



Manufacturer: Arima
Model: Sea Ranger 19
Mfg. Address: 47 37th Street
 Auburn, WA 98002

Length:	18' 11"
Beam:	8'
Weight:	1,650 lbs.
Max HP:	150
Fuel Capacity:	48 gal.

RPM	MPH	GPH	MPG
Idle	2.8		
1000	4.3	.6	7.17
1500	6	1	6
2000	7.5	1.5	5
2500	8.9	2.3	3.87
3000	13.4	3	4.47
3500	23.3	3.7	6.30
4000	27.6	4.7	5.87
4500	31.6	6.1	5.18
5000	34.7	7.9	4.39
5500	38.2	10	3.82
6000	42.5	13	3.27

Power: Single BF135

Horsepower:	135
Displacement:	2.4 L
Weight:	478 lbs.
Gear Ratio:	2.14:1
Mounting Height:	2 nd Hole
Prop (Material/Blades)	Stainless (3)
Prop Manufacturer	PowerTech
Prop (Diameter/Pitch)	15 ¼ x 17

Test Conditions

No. of People:	2
Fuel Load:	20 gal.
Total Weight:	2,602 lbs.
Air Temperature:	45°
Test Conditions	Breezy
Elevation:	20'
Wind Velocity:	5-10 mph

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

Time to Plane: 3.76 Seconds

Acceleration 0~20 MPH: 5.75 Seconds