

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	3.5	.5	7.6
1000	4.1	.6	6.83
1500	6.1	1	6.1
2000	7.5	1.6	4.68
2500	8.5	2.4	3.54
3000	13.1	2.9	4.52
3500	21.6	3.8	5.68
4000	26.4	4.8	5.5
4500	30.7	6.4	4.8
5000	34.4	8.1	4.25
5500	37.7	9.9	3.8
6000	41	13.1	3.13

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)	Aluminum (4)
Prop Manufacturer	Solas
Prop (Diameter/Pitch)	14 ½ 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