

**A FACTUAL REPORT FROM MERCURY MARINE  
Boat House Bulletin Review**

**ENGINE:**  
**350 hp Verado®**

**BOAT:**  
**Crestliner - 2100 Raptor**

**PROP:**  
**Tempest® Plus**

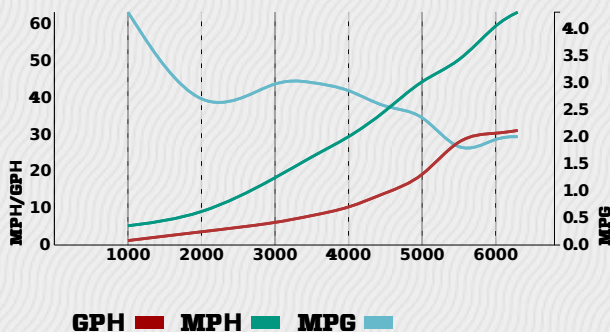


**PERFORMANCE SUMMARY**

Best Fuel Economy (MPG@RPM)	<b>2.9 @ 4000</b>
Top Speed (MPH@RPM)	<b>63.0 @ 6300</b>
Acceleration 0 - 20 MPH (seconds)	<b>4.6</b>
Acceleration 0 - 30 MPH (seconds)	<b>6.5</b>

RPM Range	Speed (MPH / kts)	Fuel (GPH)	Fuel (MPG)
1000	5.2 / 4.5	1.2	4.3
2000	7.8 / 6.8	3.6	2.2
3000	18.0 / 15.6	5.9	3.1
3500	24.0 / 20.9	8.0	3.0
4000	29.0 / 25.2	9.9	2.9
4500	36.0 / 31.3	14.2	2.5
5000	45.0 / 39.1	17.7	2.5
5500	49.0 / 42.6	29.8	1.6
6000	60.0 / 52.1	30.1	2.0
6300	63.0 / 54.7	31.0	2.0

**PERFORMANCE CURVE**



**TEST CONDITIONS**

Test Date	<b>2015-07-02</b>
Test Conductor	<b>JN</b>
Elevation	<b>1311 ft</b>
Air Temperature	<b>80 °F</b>
Wind Velocity	<b>5 MPH 4 kts</b>
Water Type	<b>Fresh</b>
Fuel Level at Testing	<b>10 gallons</b>

**ENGINE SPECIFICATIONS**

Engine	<b>350 hp Verado®</b>
HP / kW	<b>350 / 261</b>
Engine type	<b>Inline 6</b>
Gearcase ratio	<b>1.75:1</b>

**BOAT SPECIFICATIONS**

Manufacturer	<b>Crestliner</b>
Website	<b><a href="http://www.crestliner.com/">http://www.crestliner.com/</a></b>
Boat Model	<b>2100 Raptor</b>
Boat Type	<b>Vee</b>
Material	<b>Aluminum</b>
Length	<b>20 ft 11 in</b>
Beam	<b>8 ft 6 in</b>
Max HP Capacity	<b>350</b>
Fuel Tank Capacity	<b>56.0 gallons</b>
Steering Type	<b>Power Steering</b>
Dry Boat Weight	<b>2170 pounds</b>
Mounting Bolt Hole	<b>3</b>

## PROPELLER SPECIFICATIONS

Part Number	<b>825862A47</b>
Mercury Name	<b>Tempest® Plus</b>
Pitch	<b>21.0</b>

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**ENGINE:**  
**Single 300 hp Pro FourStroke Verado®**

**BOAT:**  
**Crestliner - 2100 Raptor**

**PROP:**  
**Tempest® Plus**



**TEST CONDITIONS**

Test Date	2017-06-13
Test Conductor	JN / KB
Elevation	1257 ft
Sea State	Slight
Air Temperature	70 °F
Wind Velocity	5 - 10 MPH 4 - 9 kts
Water Type	Fresh
Fuel Level at Testing	25 gallons
Boat Weight as Tested	2955 lbs

**ENGINE SPECIFICATIONS**

Number of Engines	Single
Engine	300 hp Pro FourStroke Verado®
HP / kW	300 / 224
Engine type	Inline 6
Gearcase ratio	1.75:1

**BOAT SPECIFICATIONS**

Manufacturer	Crestliner
Website	<a href="http://www.crestliner.com/">http://www.crestliner.com/</a>
Boat Model	2100 Raptor
Boat Type	Aluminum - console
Material	Aluminum
Length	20 ft 11 in
Beam	8 ft 6 in
Max HP Capacity	350
Fuel Tank Capacity	56.0 gallons
Steering Type	Power Steering
Dry Boat Weight	2170 pounds
Mounting Bolt Hole	3

**PROPELLER SPECIFICATIONS**

Part Number	825862A47
Mercury Name	Tempest® Plus
Material	Stainless Steel
Diameter / Pitch	14.625 / 21.0
Number of Blades	3



**ENGINE:**  
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**PROP:**  
**Tempest® Plus**



**PERFORMANCE SUMMARY**

Best Fuel Economy (MPG@RPM)	<b>3.3 @ 3500</b>
Top Speed (MPH@RPM)	<b>59.0 @ 6250</b>
Acceleration 0 - 20 MPH (seconds)	<b>4.0</b>
Acceleration 0 - 30 MPH (seconds)	<b>6.1</b>

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	5.2	1.2	4.3	-	-
2000	9.2	3.7	2.5	-	-
3000	20.5	6.4	3.2	-	-
3500	28.0	8.5	3.3	-	-
4000	36.5	12.3	3.0	-	-
4500	41.2	16.8	2.5	-	-
5000	46.0	24.4	1.9	-	-
5500	54.0	29.2	1.8	-	-
6000	58.8	30.0	2.0	-	-
6250	59.0	29.7	2.0	-	-

**PERFORMANCE CURVE**

