



Twin Mercury  
300XL Verado V8 4.6L



## PERFORMANCE REPORT

Date tested: 9/29/2021 Test Engineer: Mike Ward  
Brad Houskamp  
Jason Romig

Hull Number: SSUKC092F122

Location: Lake Michigan Holland Michigan

Weather: Sunny, Wind ESE 10

Water / Air Temp: 60/60

Propeller: 16 x 17 Inertia ECO KC092

Gear & Gear Ratio: 1.85:1

Fuel Capacity: 200 gallons

Fuel/Water/Waste: 100%/100%/100%

People on Board: 3

Gear on Board: 711 LBS Includes personnel and test equipment

Mounting Bolt Hole 3, 5

Test Weight 17955

**PERFORMANCE:**

Acceleration: 13.2 Seconds to 30 mph

Optimum Cruise Speed: 26.2 mph @ 4500 RPM / 37.3mph @ 5000 RPM

Range at Optimum Cruise: 184 / 194 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	3.1	2.7	1.3	2.49	2.17	53	0.0	449	390
1000	5.0	4.3	2.3	2.18	1.90	61	0.0	393	341
1500	7.3	6.4	3.8	1.94	1.69	69	0.5	350	304
2000	9.0	7.9	5.9	1.54	1.34	72	1.0	278	242
2500	10.1	8.8	7.5	1.34	1.17	75	2.0	241	210
3000	10.7	9.3	11.3	0.95	0.83	79	3.0	172	149
3500	12.6	10.9	15.2	0.83	0.72	82	4.0	149	129
4000	17.3	15.1	20.6	0.84	0.73	84	5.0	151	131
4500	26.2	22.8	25.6	1.02	0.89	87	6.0	184	160
5000	37.3	32.4	34.6	1.08	0.94	87	4.0	194	169
5500	42.2	36.6	41.4	1.02	0.89	88	3.5	183	159
5942	46.9	40.71	48.0	0.98	0.85	89	3.3	176	153

**Note:**

Speed determined by GPS, GPH based on the total usage for the engines. MPG computed from MPH and GPH figures shown.  
Range based on calculated MPG and 90% of total fuel capacity. The Performance data shown above should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed.  
Many factors may affect actual performance obtained on this boat or on similar boats. These include but are not limited to, installation of certain options such as tuna towers, hard tops, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Yachts make no guarantees whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.  
**This boat has passed the ABYC Quick Turn Test H-26.8.3.1 at WOT.**