



Twin Mercury
425 Verado V10 5.7L



PERFORMANCE REPORT

Date Tested: 6/15/25 Test Engineers: Josh Koetsier, Jason Romig, Tim Slikkers

Hull Number: SSUKC273E525
Location: Lake X, St.Cloud, FL
Weather: Sunny, Wind SW 5 mph, Ripples
Water / Air Temp: 90 / 75

Propeller: Mercury Revolution X 23" pitch
Gears/Gear Ratio: HD Camber 2.08
Fuel Capacity: 200 Gallons
Fuel/Water/Waste: 100% / 100% / 100%
People on Board: 3
Gear on Board: 720 lbs Includes people and gear
Weight as Tested: 16,046 lbs
Engine Mounting: Engines - Hole 5

PERFORMANCE SUMMARY:

Acceleration: 0-30 = 8.7 Seconds
Optimum Cruise Speed: 34.4 mph @ 4000 RPM or 41.7 mph @ 4500 RPM
Range at Optimum Cruise: 223 Statute Miles or 205 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
650	3.8	3.3	2.1	1.81	1.57	n/a	n/a	326	283
1000	6.4	5.6	3.8	1.68	1.46	n/a	n/a	303	263
1500	8.7	7.6	6.2	1.40	1.22	n/a	n/a	253	219
2000	10.2	8.9	10.5	0.97	0.84	n/a	n/a	175	152
2500	10.8	9.4	12.5	0.86	0.75	n/a	n/a	156	135
3000	13.8	12.0	16.2	0.85	0.74	n/a	n/a	153	133
3500	20.6	17.9	21.2	0.97	0.84	n/a	n/a	175	152
4000	34.4	29.9	27.8	1.24	1.08	n/a	n/a	223	194
4500	41.7	36.3	36.7	1.14	0.99	n/a	n/a	205	178
5000	47.7	41.5	48.4	0.99	0.86	n/a	n/a	177	154
5500	53.0	46.1	59.0	0.90	0.78	n/a	n/a	162	141
6000	57.9	50.3	65.7	0.88	0.77	n/a	n/a	159	138
6377	58.8	51.1	68.7	0.86	0.74	n/a	n/a	154	134

This boat has passed the ABYC Quick Turn Test H-26.8.3.1 at WOT.

Performance data taken with Seakeeper 2 and Panda 5 genset weight included

Performance report was taken with Active Trim On at Level 3

Notes:

Speed determined by GPS, GPH based on the total usage of 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 gyros, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Yachts makes 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.