



Triple Mercury
600 Verado V12 7.6L



PERFORMANCE REPORT

Date Tested: 6/20/2023 Test Engineers: Frank Hercinger, Josh Koetsier, Chris Caropepe

Hull Number: SSUBD001A323
Location: Holland, MI - Lake Michigan
Weather: Sunny, Wind E 10, Waves 1'
Water / Air Temp: 57 / 65

Propeller: Mercury Verado V12 Duo-Prop 31.5/26/31.5
Gears/Gear Ratio: 2-speed transmission/ 1.75:1 - 2.5:1
Fuel Capacity: 660 Gallons
Fuel/Water/Waste: 100% / 100% / 100%
People on Board: 5
Gear on Board: 1150 lbs Includes people and gear
Weight as Tested: 38570
Engine Mounting: Outboard Engines - Hole 3
Center Engine - Hole 4

PERFORMANCE SUMMARY:

Acceleration: 0-30 = 12.2 Seconds
Optimum Cruise Speed: 42.2 mph @ 5000 RPM
Range at Optimum Cruise: 272 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
701	6.1	5.3	3.9	1.56	1.36	50	0.5	927	805
1000	7.7	6.7	6.8	1.13	0.98	50	0.5	668	581
1500	8.6	7.4	9.4	0.91	0.79	50	1.0	542	471
2000	10.2	8.9	14.8	0.69	0.60	51	1.5	409	355
2500	11.8	10.2	22.1	0.53	0.46	53	2.5	316	274
3000	18.3	15.9	50.5	0.36	0.31	56	3.8	215	187
3500	24.6	21.3	63.3	0.39	0.34	63	5.5	230	200
4000	30.8	26.7	74.7	0.41	0.36	66	5.5	245	213
4500	38.2	33.2	84.9	0.45	0.39	68	4.0	268	233
5000	42.2	36.7	92.3	0.46	0.40	71	4.3	272	236
5500	47.4	41.1	110.1	0.43	0.37	74	4.0	256	222
6000	52.3	45.5	138.1	0.38	0.33	74	4.0	225	196
6400	56.4	49.0	151.0	0.37	0.32	73	3.5	222	193

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

*dB,A taken with salon door closed

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