



Triple Mercury
600 Verado V12 7.6L



PERFORMANCE REPORT

Date tested: 2/12/26 Test Engineer: Chris Caropepe
Josh Koetsier
Hull Number: KH001 Brett Martin
Location: St. Lucie River - Stuart, FL Mike Jansen
Weather: Sunny - Wind W 5-10 - waves <1'
Water / Air Temp: 62 / 59

Propeller: VERADO12 DUO PROP 31/27.5/31
Gear & Gear Ratio: 2 Speed transmission / 1.75:1-2.5:1
Fuel Capacity: 665 gallons
Fuel/Water/Waste: 100/100/100
People on Board: 4
Gear on Board: 800 lbs Includes personnel and test equipment
Weight as tested: 35187 lbs
Engine Mounting: Hole 4/4/4

PERFORMANCE:
Acceleration: Idle-30 =9.08 seconds
Optimum Cruise Speed: 41.1 mph @ 4500 RPM / 47.1 mph @ 5000 RPM
Range at Optimum Cruise: 333 / 336 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
700	3.7	3.2	4.3	0.86	0.75	63.3/63.2	0.0	516	448
1000	4.9	4.3	5.7	0.87	0.76	63.4/63.3	0.0	521	453
1500	7.2	6.2	8.5	0.84	0.73	65.4/63.4	0.5	504	438
2000	8.7	7.6	14.6	0.60	0.52	67.1/64.1	1.3	358	311
2500	9.8	8.5	25.7	0.38	0.33	70.4/65.2	2.8	228	198
3000	14.9	13.0	33.5	0.45	0.39	73.1/67.2	2.3	267	232
3500	27.7	24.0	54.6	0.51	0.44	79/73.3	4.5	303	264
4000	34.0	29.6	60.5	0.56	0.49	80.9/74.8	4.0	336	292
4500	41.1	35.8	74.0	0.56	0.48	82.1/77.7	3.5	333	289
5000	47.1	41.0	83.9	0.56	0.49	83.8/78.4	3.0	336	292
5500	52.0	45.2	106.5	0.49	0.42	83.7/78.9	2.8	292	254
6000	57.8	50.3	144.2	0.40	0.35	86.1/81.1	2.5	240	209
6245	59.0	51.3	148.6	0.40	0.35	91/86.2	2.5	238	206

*NOTE: Sound measurements taken without/with standard enclosure

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 which represents a 10% reserve. 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.

This boat is equipped with the optional gyro.