



Triple Mercury  
600 Verado V12 7.6L



## PERFORMANCE REPORT

Date tested: 9/14/2023 Test Engineers: Chris Caropepe  
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Hull Number: SSUKE073H324

Location: Lake Michigan, Holland, MI

Weather: Clear, Wind - SSW 0-5, Waves <1' light Chop

Water / Air Temp: 65 / 61

Propeller: Mercury Verado 12 Duo-Prop 31/27.5/31 KE073 Mercury

Gear & Gear Ratio: 2 Speed transmission / 1.75:1-2.5:1

Fuel Capacity: 662 gallons

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

People on Board: 3

Gear on Board: 750 lbs Includes personnel and test equipment

Weight as tested: 36906 lbs

Engine Mounting: Outboard engines - Hole 3  
Center Engine - Hole 4

**PERFORMANCE:**  
Acceleration: Idle-30 = 9.4 seconds  
Optimum Cruise Speed: 38.4 mph @ 4500 RPM / 44.1 mph @ 5000 RPM  
Range at Optimum Cruise: 342 Statute Miles / 297 Nautical Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
700	4.3	3.8	3.9	1.12	0.97	48/53	0.1	667	580
1000	5.9	5.1	5.6	1.04	0.91	51/57	0.0	621	539
1500	8.2	7.2	8.6	0.96	0.84	55/63	0.3	574	498
2000	10.2	8.9	14.6	0.70	0.61	66/59	1.4	417	362
2500	12.0	10.4	22.9	0.52	0.45	92/71	3.4	312	271
3000	14.4	12.5	33.7	0.43	0.37	65/73	5.2	253	220
3500	26.5	23.0	59.0	0.45	0.39	75/79	5.4	267	232
4000	32.5	28.3	63.0	0.52	0.45	75/80	4.5	308	268
4500	38.4	33.3	65.6	0.58	0.51	75/80	3.4	348	302
5000	44.1	38.3	77.9	0.57	0.49	78/82	3.0	337	293
5500	50.2	43.6	106.1	0.47	0.41	79/83	2.1	282	245
6000	54.7	47.5	134.0	0.41	0.35	80/83	2.1	243	211
6373	58.4	50.8	154.3	0.38	0.33	81/85	2.1	226	196

**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.**