

35LS



Twin Mercury 350 Verado V10 5.7L



PERFORMANCE REPORT

Date tested: 5/21/26 Test Engineer: Chris Caropepe
 Luke Tromp
 Jason Romig

Hull Number: KJ001

Location: Lake Michigan - Holland

Weather: Sunny - Wind E 10-15 - waves 1'- 2', W/ 2' swells

Water / Air Temp: 51.3 / 50

Propeller: Mercury Revolution X 4-Blade 20"

Gear & Gear Ratio: 2.08:1

Fuel Capacity: 330 gallons

Fuel/Water/Waste: 100/100/100

People on Board: 3

Gear on Board: 800 lbs Includes personnel and test equipment

Weight as tested: 18933 lbs

Engine Mounting: Hole 2

PERFORMANCE:

Acceleration: Idle-30 =13.6 seconds

Optimum Cruise Speed: 26.6 mph @ 4500 RPM / 36.4 mph @ 5000 RPM

Range at Optimum Cruise: 239 / 250 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
650	3.1	2.7	1.8	1.72	1.50	56.70	0.0	511	444
1000	5.3	4.6	3.1	1.70	1.48	61.90	0.0	504	438
1500	8.1	7.0	5.3	1.53	1.33	67.50	1.0	455	395
2000	9.7	8.4	9.0	1.08	0.94	71.00	2.0	320	278
2500	11.0	9.6	12.9	0.85	0.74	76.70	3.5	253	220
3000	13.1	11.4	17.6	0.74	0.64	77.40	4.5	220	191
3500	15.4	13.4	22.1	0.70	0.61	79.70	5.5	208	181
4000	19.2	16.7	27.8	0.69	0.60	83.00	6.5	205	179
4500	26.6	23.1	33.0	0.80	0.70	83.50	7.0	239	208
5000	36.4	31.6	43.2	0.84	0.73	85.10	6.0	250	217
5500	41.8	36.3	53.1	0.79	0.68	87.10	4.0	234	203
6000	44.7	38.9	60.7	0.74	0.64	89.20	3.5	219	190
6175	46.8	40.7	63.9	0.73	0.64	90.30	3.0	217	189

*NOTE: Sound measurements taken with optional enclosure side panels in place.

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.