

43LE



Twin Mercury
600 Verado V12 7.6L



PERFORMANCE REPORT

Date tested: 8/3/2021 Test Engineer: Mike Ward
 Brad Houskamp
 Jason Romig

Hull Number: SSUBC026F122
 Location: Lake Michigan
 Weather: Wind SE @ 0-5
 Water / Air Temp: 65 / 75

Propeller: Mercury Verado V12 Duo Prop 27.5P
 Gear & Gear Ratio: 2-speed transmission
 Fuel Capacity: 400 gallons
 Fuel/Water/Waste: 100%/100%/100% - No Optional Gyro
 People on Board: 3
 Gear on Board: 150 LBS
 Test Weight: 25,476 lbs Includes personnel and test equipment

PERFORMANCE:	
Acceleration:	0-30 = 11 seconds
Optimum Cruise Speed:	43.1 mph @ 5000 RPM
Range at Optimum Cruise:	252 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
701	3.8	3.3	2.9	1.31	1.14	58	0.0	470	409
1015	5.5	4.7	4.1	1.32	1.14	58	0.3	474	412
1490	7.8	6.8	4.9	1.61	1.40	61	0.3	578	502
1976	9.6	8.3	9.4	1.02	0.89	66	0.7	368	320
2504	11.1	9.7	14.3	0.78	0.68	69	2.0	281	244
2982	13.9	12.1	20.3	0.68	0.59	73	3.3	246	214
3492	25.3	22.0	38.7	0.65	0.57	79	4.9	236	205
3987	31.1	27.0	49.0	0.64	0.55	79	4.8	229	199
4493	37.4	32.5	53.7	0.70	0.61	80	4.7	251	218
4994	43.1	37.4	61.6	0.70	0.61	81	4.6	252	219
5488	48.6	42.2	80.7	0.60	0.52	81	4.0	217	189
6063	54.6	47.40	98.8	0.55	0.48	84	3.3	199	173

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.