

# 43LS

## Twin Mercury 600 Verado V12 7.6L



### PERFORMANCE REPORT

Date tested: 8/4/2021 Test Engineer: Mike Ward  
 Brad Houskamp  
 Jason Romig

Hull Number: SSUKD052G122  
 Location: Lake Michigan  
 Weather: Wind SE @ 0-5  
 Water / Air Temp: 65 / 70

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: 26,941 lbs Includes personnel and test equipment

**PERFORMANCE:**  
 Acceleration: 0-30 = 10 seconds  
 Optimum Cruise Speed: 43.9 mph @ 5000 RPM  
 Range at Optimum Cruise: 253 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
697	3.8	3.3	2.8	1.33	1.15	59	0.0	477	415
1021	5.4	4.7	4.1	1.31	1.14	60	0.0	471	409
1515	7.6	6.6	6.1	1.25	1.09	67	0.2	451	392
1994	9.3	8.1	9.4	1.00	0.87	69	0.9	359	312
2513	11.0	9.5	14.4	0.76	0.66	72	1.9	275	239
3017	19.5	17.0	30.1	0.65	0.56	82	4.0	234	203
3510	25.2	21.9	36.9	0.68	0.59	83	4.7	245	213
4008	31.9	27.7	44.5	0.72	0.62	83	4.2	258	225
4516	38.3	33.3	53.3	0.72	0.63	83	3.4	259	225
4997	43.9	38.1	62.8	0.70	0.61	83	3.2	253	220
5541	49.9	43.3	79.4	0.63	0.55	84	3.3	226	197
6055	54.2	47.09	97.1	0.56	0.48	85	3.2	201	175

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.**