

**Tiara 4400 Coupe™**  
**Twin Volvo IPS600**



**PERFORMANCE REPORT**

Date tested: 7/16/2014 Test Engineer: Mike Ward  
 Doug Topp

Hull Number: SSUXB001C415  
 Location: Holland MI Lake Michigan  
 Weather: Wind WNW @ 5-10, Waves 1'-2'  
 Water / Air Temp: 70/70

Propeller: IPS T3  
 Gear & Gear Ratio: IPS 1 1.82:1  
 Fuel Capacity: 350 gallons  
 Fuel/Water/Waste: 100%/100%/100%  
 People on Board: 3  
 Gear on Board: 1100 LBS Includes personnel and test equipment

<b>PERFORMANCE:</b>	
Acceleration:	13.4 Seconds to 25.7 smph / 21.2 Seconds to 30.9 smph
Optimum Cruise Speed:	25.7 mph @ 3000 RPM / 30.9 mph @ 3300 RPM
Range at Optimum Cruise:	258 / 264 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	4.4	3.8	0.7	6.50	5.65	62	0.0	2048	1780
1000	7.2	6.2	1.6	4.47	3.88	63	0.5	1408	1224
1508	10.0	8.7	5.8	1.72	1.50	67	0.5	543	472
2000	11.8	10.3	12.0	0.98	0.85	72	3.5	310	269
2190	13.1	11.4	16.0	0.82	0.71	72	5.0	259	225
2400	15.4	13.4	19.8	0.78	0.68	74	6.5	245	213
2600	18.5	16.1	24.1	0.77	0.67	74	7.5	243	211
2793	21.5	18.7	27.9	0.77	0.67	75	7.8	243	211
3008	25.7	22.3	31.4	0.82	0.71	76	7.5	258	224
3093	27.2	23.6	33.0	0.82	0.72	76	7.0	260	226
3208	29.3	25.4	35.5	0.82	0.72	77	6.5	260	226
3300	30.9	26.81	36.9	0.84	0.73	78	6.5	264	229
3390	32.6	28.3	38.8	0.84	0.73	78	6.0	265	230
3508	34.5	30.0	41.5	0.83	0.72	79	6.0	262	228
3606	35.5	30.9	44.0	0.81	0.70	79	5.8	254	221

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.**