

Tiara 44 Flybridge™
Twin Volvo® IPS600 435hp



PERFORMANCE REPORT

Date tested: 10/20/2016 Test Engineers: Mike Ward
 Chris Caropepe

Hull Number: SSUXD001G617
 Location: Ft Pierce ICW
 Weather: Wind NE@10-15
 Water / Air Temp: 77 / 80

Propeller: IPS T2
 Gears/Gear Ratio: IPS 1 1.82:1
 Fuel Capacity: 350
 Fuel/Water/Waste: 100%/100%/100%
 People on Board: 5
 Gear on Board: 1000 Includes people and gear

PERFORMANCE SUMMARY:	
Acceleration:	18.4 Seconds to 28.2 smph
Optimum Cruise Speed:	28.2 mph @ 3250 RPM
Range at Optimum Cruise:	251 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	5.1	4.4	0.6	8.50	7.38	0	0.0	2677	2326
800	6.1	5.3	1.3	4.69	4.08	61	0.0	1478	1285
1000	7.4	6.4	1.6	4.75	4.13	62	0.5	1497	1301
1200	8.3	7.2	2.1	4.07	3.54	62	0.5	1281	1114
1500	9.7	8.4	5.5	1.76	1.53	63	1.0	553	481
1800	10.5	9.1	8.9	1.18	1.03	64	3.0	373	324
2000	10.7	9.3	12.0	0.90	0.78	64	4.0	282	245
2200	12.2	10.6	17.0	0.72	0.63	66	5.5	227	197
2400	12.0	10.5	21.5	0.56	0.49	67	7.5	176	153
2600	18.1	15.7	23.8	0.76	0.66	68	7.5	240	208
2800	20.4	17.7	27.2	0.75	0.65	69	7.5	236	205
3000	23.7	20.6	31.3	0.76	0.66	70	7.5	239	208
3100	25.6	22.2	32.5	0.79	0.68	71	6.5	248	216
3200	27.5	23.9	34.2	0.80	0.70	71	6.0	254	220
3250	28.2	24.5	35.5	0.80	0.69	71	6.0	251	218
3300	29.1	25.3	36.5	0.80	0.69	72	6.0	251	218
3400	30.4	26.4	38.0	0.80	0.70	71	6.0	252	219
3500	31.9	27.7	40.0	0.80	0.69	71	6.0	252	219
3600	33.5	29.1	42.5	0.79	0.68	72	5.5	248	216
3628	33.7	29.3	43.5	0.78	0.67	72	5.5	244	212

This boat has passed the ABYC Quick Turn Test H-26.8.3.1 at WOT.

Note:

Speed determined by GPS, GPH based on the total usage of 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.