

**Tiara Sport 34 LX  
Twin Yamaha F350**



**PERFORMANCE REPORT**

Date tested: 10.19.2018 Test Engineer: Chris Caropepe  
Josh Emmick

Hull Number: BA001  
Location: Ft. Pierce, FL ICW  
Weather: Wind NE 5-10 <1' chop  
Water / Air Temp: 83 / 85

Propeller: Yamaha XL SDS II 16.25 x 17 BA001 Yamaha  
Gear & Gear Ratio: 1.75:1  
Fuel Capacity: 200 gallons  
Fuel/Water/Waste: 100%/100%/100%  
People on Board: 2  
Gear on Board: 350 LBS Includes personnel and test equipment  
Test weight 15,710 LBS



<b>PERFORMANCE:</b>	
Acceleration:	Idle-20 = 7.0 seconds
Optimum Cruise Speed:	37.2 mph @ 4500 RPM
Range at Optimum Cruise:	199 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	3.3	2.9	1.6	2.14	1.86	54	0.0	414	360
1000	6.4	5.6	3.3	1.95	1.70	81	0.5	352	305
1500	8.4	7.3	5.4	1.56	1.35	80	1.5	280	244
2000	10.1	8.8	6.9	1.61	1.40	85	3.0	290	252
2500	11.2	9.7	13.5	0.83	0.72	86	6.0	149	130
3000	19.3	16.8	18.4	1.05	0.91	87	6.5	189	164
3500	26.9	23.4	22.3	1.21	1.05	88	6.0	218	189
4000	32.8	28.5	27.9	1.18	1.02	90	5.0	212	184
4500	37.2	32.3	33.7	1.10	0.96	91	4.5	199	173
5000	42.4	36.9	43.3	0.98	0.85	91	4.0	177	153
5500	47.0	40.8	57.5	0.82	0.71	93	3.0	147	128
6000	52.1	45.3	67.5	0.77	0.67	93	3.5	139	121

**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.**