

Tiara F44 Flybridge™

Twin Cummins QSB 6.7 550



PERFORMANCE REPORT

Date tested: 42760 Test Engine: Chris Caropepe
Frank Hercinger

Hull Number: SSUXD002A717
Location: North Atlantic Ocean, Ft Pierce, FL
Weather: Wind NE @ 5-10 MPH
Water / Air Temp: 71 /65

Propeller: MWC EQX 24x32x4 0.85 DAR #4 (XD002)
Gear & Gear Ratio: ZF 286A 2.391:1
Fuel Capacity: 350 gallons
Fuel/Water/Waste: 100%/100%/100%
People on Board: 3
Gear on Board: 1000 Lbs LBS Includes personnel and test equipment

PERFORMANCE SUMMARY:

Acceleration: 15.2 Seconds to 29.1 SMPH / 18.9 seconds to 32.1 SMPH
Optimum Cruise Speed: 29.1 mph @ 3000 RPM
Range at Optimum Cruise: 211 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	5.0	4.4	2.0	2.50	2.18	61	0.0	789	686
800	6.6	5.8	2.0	3.32	2.89	62	0.0	1047	910
1000	7.8	6.8	2.0	3.90	3.39	65	0.5	1230	1069
1200	9.6	8.3	4.0	2.39	2.07	65	0.5	752	654
1400	10.4	9.0	6.0	1.73	1.50	65	0.5	545	474
1600	11.6	10.1	9.5	1.22	1.06	68	1.0	384	333
1800	11.7	10.1	14.0	0.83	0.72	69	3.0	263	228
2000	13.5	11.7	18.8	0.72	0.62	70	4.5	226	197
2200	15.8	13.7	21.4	0.74	0.64	72	5.0	232	202
2400	18.9	16.4	27.5	0.69	0.60	72	6.0	216	188
2600	22.1	19.2	32.3	0.68	0.60	73	7.0	216	187
2800	26.1	22.6	37.5	0.70	0.61	74	6.0	219	191
3000	29.1	25.3	43.5	0.67	0.58	75	5.0	211	183
3100	31.2	27.1	47.1	0.66	0.58	75	5.0	209	181
3200	32.1	27.9	49.5	0.65	0.56	75	5.0	204	177
3300	34.0	29.6	54.1	0.63	0.55	75	4.5	198	172
3340	34.7	30.1	55.0	0.63	0.55	75	4.5	199	173

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.