

Tiara 44 Flybridge

Twin Volvo® IPS650 Diesels, 480hp



PERFORMANCE PREDICTION

Date tested: Prediction Test Engineers: TBD

Hull Number: TBD

Location: TBD

Weather: TBD

Water / Air Temp: TBD

Propeller: IPS T2

Gears/Gear Ratio: IPS 10 / 1.853:1

Fuel Capacity: 350

Fuel/Water/Waste: 100% / 100% / 100%

People on Board: TBD

Gear on Board: TBD Includes people and gear

Weight as Tested: TBD

PREDICTED PERFORMANCE SUMMARY:

Acceleration: TBD
 Optimum Cruise Speed: 28.4 mph @ 3300 RPM
 Range at Optimum Cruise: 264 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	0.7	8.04	6.99	56	0.0	2533	2201
1000	7.5	6.5	2.0	3.79	3.29	60	0.5	1194	1037
1500	9.6	8.4	5.3	1.82	1.58	60	1.5	574	498
2000	11.0	9.6	12.7	0.86	0.75	62	3.5	271	236
2200	12.4	10.8	17.2	0.72	0.63	66	4.8	227	197
2400	12.4	10.8	21.3	0.59	0.51	66	6.3	186	161
2600	17.9	15.6	22.7	0.79	0.69	67	6.3	248	216
2800	20.2	17.6	25.7	0.79	0.68	67	7.0	248	215
3000	22.7	19.7	30.6	0.75	0.65	68	6.8	235	204
3100	25.0	21.7	31.7	0.79	0.69	72	6.0	249	216
3200	26.7	23.2	31.7	0.83	0.72	71	5.5	263	229
3300	28.4	24.6	33.9	0.84	0.73	70	5.3	264	230
3400	29.7	25.8	36.6	0.81	0.71	69	5.8	256	223
3500	30.6	26.6	38.5	0.80	0.69	69	5.8	251	218
3600	32.8	28.5	40.4	0.81	0.71	71	5.3	256	222
3700	34.0	29.5	43.7	0.78	0.68	71	5.3	246	213
3800	36.3	31.5	48.5	0.75	0.65	71	5.3	236	205

Note:

This is a performance prediction. Actual Performance may vary. All figures shown are based on calculations.

Range based on calculated MPG and 90% of total fuel capacity. The performance data shown above is only a prediction.

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.