

Tiara F44 Flybridge™
Twin Volvo Penta IPS 10 650



PERFORMANCE REPORT

Date tested: 6/18/2020 Test Engineer: Chris Caropepe
 Mike Ward

Hull Number: SSUXD013A020
 Location: Harbor Springs/Little Traverse Bay, MI
 Weather: Clear - Wind W @ < 2MPH
 Water / Air Temp: 59°F / 70°F

Propeller: Volvo Penta IPS T3 XD013
 Gear & Gear Ratio: IPS 10 1.82:1
 Fuel Capacity: 350 gallons
 Fuel/Water/Waste: 75/75/0
 People on Board: 2
 Gear on Board: 1000 Lbs LBS Includes personnel, gear, and owner's stores.
 Boat equipped with optional SK6 Gyro and 11' RIB on platform

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|--------------------------|--|
| PERFORMANCE: | |
| Acceleration: | 8 Seconds to 20 SMPH / 22 seconds to 30 SMPH |
| Optimum Cruise Speed: | 32.3 mph @ 3500 RPM |
| Range at Optimum Cruise: | 234 Statute Miles |

| RPM | MPH | Knots | GPH | SMPG | NMPG | dB,A | Trim Angle (degrees) | Estimated Range (Statute Miles) | Estimated Range (Nautical Miles) |
|------|------|-------|------|------|------|------|----------------------|---------------------------------|----------------------------------|
| 600 | 2.5 | 2.2 | 0.7 | 3.59 | 3.12 | 61 | 0.0 | 1130 | 982 |
| 1000 | 7.1 | 6.1 | 1.9 | 3.72 | 3.24 | 62 | 0.5 | 1173 | 1019 |
| 1200 | 8.1 | 7.0 | 3.2 | 2.53 | 2.20 | 62 | 0.5 | 796 | 692 |
| 1500 | 9.5 | 8.3 | 5.6 | 1.71 | 1.49 | 63 | 1.0 | 539 | 468 |
| 1800 | 10.8 | 9.4 | 9.1 | 1.19 | 1.04 | 64 | 2.0 | 376 | 327 |
| 2000 | 11.7 | 10.1 | 13.3 | 0.88 | 0.76 | 64 | 3.5 | 276 | 240 |
| 2200 | 12.4 | 10.8 | 17.7 | 0.70 | 0.61 | 66 | 4.5 | 220 | 191 |
| 2400 | 13.6 | 11.8 | 21.8 | 0.63 | 0.54 | 67 | 6.0 | 197 | 171 |
| 2600 | 16.7 | 14.5 | 25.5 | 0.65 | 0.57 | 68 | 7.0 | 206 | 179 |
| 2800 | 19.3 | 16.8 | 29.8 | 0.65 | 0.56 | 69 | 7.5 | 204 | 177 |
| 3000 | 22.5 | 19.6 | 34.5 | 0.65 | 0.57 | 70 | 8.0 | 205 | 179 |
| 3100 | 24.6 | 21.3 | 36.7 | 0.67 | 0.58 | 71 | 8.0 | 211 | 183 |
| 3200 | 26.3 | 22.9 | 37.4 | 0.71 | 0.61 | 71 | 7.5 | 222 | 193 |
| 3300 | 28.4 | 24.6 | 39.7 | 0.72 | 0.62 | 71 | 6.5 | 225 | 196 |
| 3400 | 30.4 | 26.4 | 41.8 | 0.73 | 0.63 | 72 | 6.0 | 229 | 199 |
| 3500 | 32.3 | 28.0 | 43.4 | 0.74 | 0.65 | 71 | 6.0 | 234 | 203 |
| 3600 | 33.7 | 29.3 | 45.6 | 0.74 | 0.64 | 71 | 5.5 | 233 | 202 |
| 3700 | 35.5 | 30.8 | 48.4 | 0.73 | 0.64 | 72 | 5.0 | 231 | 201 |
| 3745 | 36.3 | 31.5 | 50.5 | 0.72 | 0.62 | 72 | 5.0 | 226 | 197 |

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.