

**Tiara 44 Coupe™**  
**Volvo®IPS 650/480hp/EVC 2.0**



**PERFORMANCE REPORT**

Date tested: 10/9/2019 Test Engineers: Chris Caropepe, Mike Ward, Allen Tim

Hull Number: SSUXB133J920  
 Location: Lake Michigan  
 Weather: Sunny, Wind SSE 10 Seas 1-2  
 Water / Air Temp: 60 / 60

Propeller: T3  
 Gears/Gear Ratio: IPS 10 / 1.853:1  
 Fuel Capacity: 350  
 Fuel/Water/Waste: 100%/100%/100%  
 People on Board: 3  
 Gear on Board: 700 lbs. Includes people and gear

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>PERFORMANCE SUMMARY:</b> |                                    |
| Acceleration:               | 21.8 seconds to 3300 RPM (30 smph) |
| Optimum Cruise Speed:       | 30.1 mph @ 3300 RPM                |
| Range at Optimum Cruise:    | 277 Statute Miles                  |

| RPM  | MPH  | Knots | GPH  | Statute MPG | Nautical MPG | dB,A | Trim Angle (degrees) | Estimated Range (Statute Miles) | Estimated Range (Nautical Miles) |
|------|------|-------|------|-------------|--------------|------|----------------------|---------------------------------|----------------------------------|
| 600  | 4.4  | 3.8   | 0.7  | 6.04        | 5.25         | 56.0 | 0.0                  | 1904                            | 1655                             |
| 1000 | 7.3  | 6.3   | 2.1  | 3.51        | 3.05         | 61.0 | 0.5                  | 1104                            | 960                              |
| 1500 | 10.0 | 8.7   | 5.6  | 1.79        | 1.56         | 64.0 | 1.0                  | 564                             | 490                              |
| 2000 | 12.1 | 10.5  | 12.7 | 0.95        | 0.83         | 70.0 | 3.0                  | 299                             | 260                              |
| 2200 | 13.3 | 11.6  | 16.2 | 0.82        | 0.71         | 72.0 | 4.3                  | 259                             | 225                              |
| 2400 | 15.8 | 13.7  | 19.5 | 0.81        | 0.70         | 73.0 | 5.3                  | 255                             | 221                              |
| 2600 | 18.4 | 16.0  | 23.1 | 0.80        | 0.69         | 73.0 | 6.3                  | 251                             | 218                              |
| 2800 | 21.4 | 18.6  | 26.4 | 0.81        | 0.70         | 73.0 | 7.3                  | 255                             | 221                              |
| 3000 | 24.7 | 21.5  | 30.7 | 0.81        | 0.70         | 74.0 | 6.8                  | 254                             | 221                              |
| 3100 | 26.7 | 23.2  | 32.2 | 0.83        | 0.72         | 77.0 | 6.5                  | 261                             | 227                              |
| 3200 | 28.4 | 24.7  | 33.0 | 0.86        | 0.75         | 77.0 | 6.0                  | 272                             | 236                              |
| 3300 | 30.1 | 26.2  | 34.3 | 0.88        | 0.76         | 76.0 | 5.8                  | 277                             | 241                              |
| 3400 | 31.9 | 27.7  | 37.4 | 0.85        | 0.74         | 76.0 | 5.8                  | 268                             | 233                              |
| 3500 | 33.2 | 28.9  | 40.0 | 0.83        | 0.72         | 77.0 | 5.8                  | 262                             | 227                              |
| 3600 | 34.8 | 30.3  | 41.9 | 0.83        | 0.72         | 78.0 | 5.5                  | 262                             | 228                              |
| 3700 | 36.0 | 31.3  | 45.2 | 0.80        | 0.69         | 78.0 | 5.5                  | 251                             | 218                              |
| 3833 | 38.3 | 33.3  | 50.0 | 0.77        | 0.67         | 78.0 | 5.5                  | 241                             | 210                              |

**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.