# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
55.8 mph/6796 rpm

**Acceleration**
0 - 20 mph (seconds)
5.9

**Acceleration**
0 - 30 mph (seconds)
9.9

MERCURY
GO BOLDLY.®

| Test Date | Air Temperature (˚F) | Elevation (ft) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|---|
| September 30, 2019 | 80 | 482 | Moderate | 8 | Freshwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 3 |
| Engine | Verado |
| Horsepower | 400 |
| Cylinders | 6 |
| Drive or gear model and ratio | HD Camber 1.75 |
| Engine Height (in) | 2.6, 1.9, 2.6 |
| Engine Setback (in) | 10.7, 11.8, 10.7 |
| Engine Length (in) | 20, 20, 20 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Enertia ECO |
| Material | Stainless Steel |
| Pitch | 17, 17, 17 |
| Number of Blades | 3 |

## BOAT

| | |
|---|---|
| Boat Brand | Tiara |
| Boat Model | 38 LX |
| Boat Type | Cruiser/Walkaround |
| Boat Material | Fiberglass |
| Length (ft) | 38 |
| Beam (ft) | 12.5 |
| Fuel Tank Capacity (gal) | 330 |
| Steering Type | Joystick |
| Dry Boat Weight (lbs) | 18,858 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 4.6 | 2.6 | 1.8 | 588 |
| 1000 | 6.5 | 3.7 | 1.8 | 588 |
| 1500 | 8.3 | 5.6 | 1.5 | 483 |
| 2000 | 8.7 | 8.2 | 1.1 | 347 |
| 2500 | 12.1 | 12.6 | 1 | 315 |
| 3000 | 11.9 | 19.1 | 0.6 | 206 |
| 3500 | 15.7 | 26.3 | 0.6 | 197 |
| 4000 | 24 | 33.3 | 0.7 | 238 |
| 4500 | 36.9 | 39.6 | 0.9 | 307 |
| 5000 | 41.6 | 49.9 | 0.8 | 275 |
| 5500 | 46.2 | 64.5 | 0.7 | 236 |
| 6000 | 50.2 | 78.9 | 0.6 | 210 |
| 6500 | 53 | 86 | 0.5 | 173 |

