# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
50.2 mph/5200 rpm

**Acceleration**
0 - 20 mph (seconds)
4.8

**Acceleration**
0 - 30 mph (seconds)
7



| Test Date | Air Temperature (˚F) | Elevation (ft) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|---|
| September 17, 2019 | 74 | 1289 | Calm | 4 | Freshwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 1 |
| Engine | 4.5L MerCruiser |
| Horsepower | 250 |
| Cylinders | 6 |
| Drive or gear model and ratio | Alpha One 1.62 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Black Max |
| Material | Aluminum |
| Pitch | 19 |
| Number of Blades | 3 |

## BOAT

| | |
|---|---|
| Boat Brand | Glastron |
| Boat Model | GTS 205 |
| Boat Type | Deck Boat |
| Boat Material | Fiberglass |
| Length (ft) | 20.5 |
| Beam (ft) | 8 |
| Fuel Tank Capacity (gal) | 32 |
| Steering Type | Power Steering |
| Dry Boat Weight (lbs) | 3,010 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 700 | 4 | 1.2 | 3.3 | 107 |
| 1000 | 5 | 1.6 | 3.1 | 100 |
| 1500 | 7.3 | 2.3 | 3.2 | 102 |
| 2000 | 8.7 | 3.5 | 2.5 | 80 |
| 2500 | 20.2 | 4.5 | 4.5 | 144 |
| 3000 | 27 | 6.2 | 4.4 | 139 |
| 3500 | 32.7 | 9.1 | 3.6 | 115 |
| 4000 | 38.8 | 11.2 | 3.5 | 111 |
| 4500 | 43.2 | 15.4 | 2.8 | 90 |
| 5000 | 48.3 | 17.8 | 2.7 | 87 |
| 5200 | 50.2 | 20 | 2.5 | 80 |

