# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
55.1 mph/5950 rpm

**Acceleration**
0 - 20 mph (seconds)
5.8

**Acceleration**
0 - 30 mph (seconds)
9




| Test Date | Air Temperature (˚F) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|
| November 14, 2018 | 80 | Calm | 6 | Saltwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 3 |
| Engine | Verado |
| Horsepower | 300 |
| Cylinders | 8 |
| Drive or gear model and ratio | HD Camber 1.85 |
| Engine Length (in) | 25, 30, 25 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Enertia ECO |
| Material | Stainless Steel |
| Pitch | 20, 20, 20 |
| Number of Blades | 3 |

## BOAT

| | |
|---|---|
| Boat Brand | Boston Whaler |
| Boat Model | 350 Realm |
| Boat Type | Cruiser/Walkaround |
| Boat Material | Fiberglass |
| Length (ft) | 35.5 |
| Beam (ft) | 10.9 |
| Fuel Tank Capacity (gal) | 385 |
| Steering Type | Joystick |
| Dry Boat Weight (lbs) | 13,600 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 3.2 | 2.5 | 1.3 | 492 |
| 1000 | 3.6 | 4.5 | 0.8 | 312 |
| 1500 | 7.7 | 6.6 | 1.2 | 446 |
| 2000 | 10 | 11.4 | 0.9 | 340 |
| 2500 | 10.9 | 17.4 | 0.6 | 241 |
| 3000 | 13.2 | 23.8 | 0.6 | 214 |
| 3500 | 27 | 27.8 | 1 | 374 |
| 4000 | 34.8 | 31.8 | 1.1 | 421 |
| 4500 | 40.7 | 37.9 | 1.1 | 413 |
| 5000 | 46 | 49.2 | 0.9 | 360 |
| 5500 | 50.9 | 60.2 | 0.8 | 326 |
| 6000 | 54.9 | 73.4 | 0.7 | 288 |

