# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
63.6 mph/6300 rpm

**Acceleration**
0 - 20 mph (seconds)
5.2

**Acceleration**
0 - 30 mph (seconds)
8.5

| Test Date | Air Temperature (˚F) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|
| December 9, 2019 | 70 | Calm | 8 | Saltwater |

## ENGINE

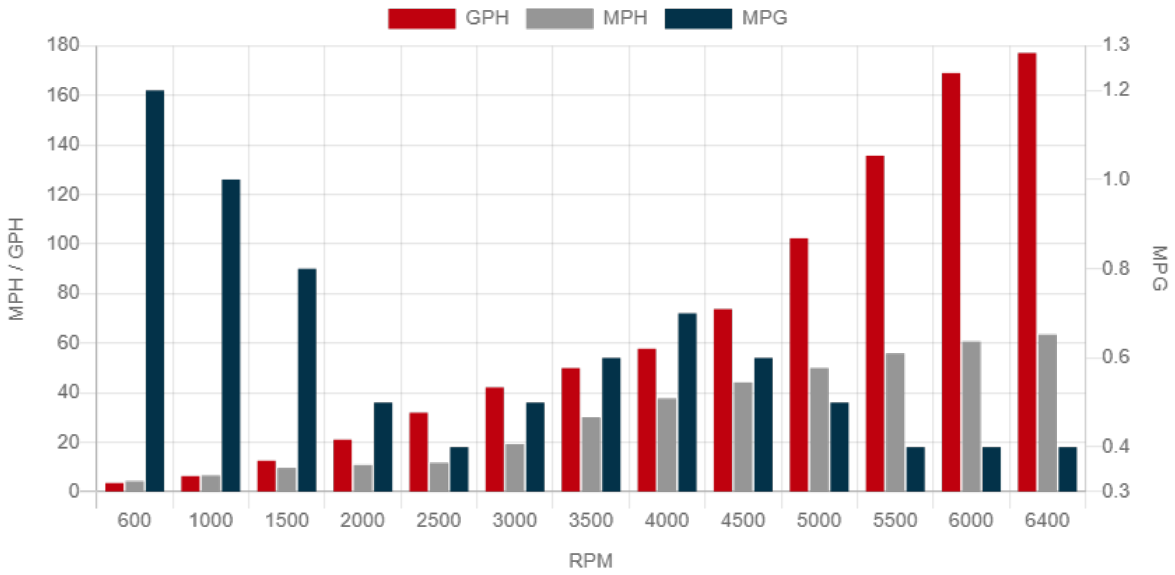
| | |
|---|---|
| Number of Engines | 4 |
| Engine | 450R |
| Horsepower | 450 |
| Cylinders | 8 |
| Drive or gear model and ratio | HD Camber 1.6 |
| Engine Height (in) | 2.3, 3.3, 3.5, 2.5 |
| Engine Setback (in) | 31.5, 34.5, 34.5, 31.5 |
| Engine Length (in) | 20, 30, 30, 20 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Revolution 4 XP |
| Material | Stainless Steel |
| Pitch | 19, 19, 19, 19 |
| Number of Blades | 4 |

## BOAT

| | |
|---|---|
| Boat Brand | Boston Whaler |
| Boat Model | 420 Outrage |
| Boat Type | Center Console |
| Boat Material | Fiberglass |
| Length (ft) | 42.5 |
| Beam (ft) | 13 |
| Fuel Tank Capacity (gal) | 600 |
| Steering Type | Joystick |
| Dry Boat Weight (lbs) | 22,000 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 4.2 | 3.5 | 1.2 | 710 |
| 1000 | 6.5 | 6.3 | 1 | 620 |
| 1500 | 9.5 | 12.5 | 0.8 | 454 |
| 2000 | 10.8 | 21 | 0.5 | 307 |
| 2500 | 11.6 | 31.9 | 0.4 | 219 |
| 3000 | 19.2 | 42.1 | 0.5 | 273 |
| 3500 | 29.9 | 49.9 | 0.6 | 359 |
| 4000 | 37.6 | 57.7 | 0.7 | 291 |
| 4500 | 44.1 | 73.7 | 0.6 | 359 |
| 5000 | 49.9 | 102.3 | 0.5 | 292 |
| 5500 | 55.8 | 135.6 | 0.4 | 247 |
| 6000 | 60.6 | 169 | 0.4 | 215 |
| 6400 | 63.4 | 177.1 | 0.4 | 215 |