# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
70.5 mph/6309 rpm

**Acceleration**
0 - 20 mph (seconds)
6.11

**Acceleration**
0 - 30 mph (seconds)
9.04

MERCURY
GO BOLDLY.®

| Test Date | Air Temperature (˚F) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|
| March 16, 2023 | 70 | Calm | 5 | Freshwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 4 |
| Engine | Verado |
| Horsepower | 400 |
| Cylinders | 10 |
| Drive or gear model and ratio | V10 AMS 2.08 |
| Engine Height (in) | 5.8, 5.0, 5.0, 5.8 |
| Engine Setback (in) | 28.0, 31.0, 31.0, 28.0 |
| Engine Length (in) | 20, 30, 30, 20 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Revolution X |
| Material | Stainless Steel |
| Pitch | 27.0, 27.0, 27.0, 27.0 |
| Number of Blades | 4 |

## BOAT

| | |
|---|---|
| Boat Brand | Blackfin |
| Boat Model | 40 |
| Boat Type | Center Console |
| Boat Material | Fiberglass |
| Length (ft) | 39.9 |
| Beam (ft) | 12 |
| Fuel Tank Capacity (gal) | 475 |
| Steering Type | Joystick |
| Dry Boat Weight (lbs) | 22,000 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 5.9 | 4.3 | 1.4 | 649 |
| 1000 | 7.2 | 8 | 0.9 | 427 |
| 1500 | 9.6 | 14.5 | 0.7 | 314 |
| 2000 | 10.9 | 23.5 | 0.5 | 219 |
| 2500 | 12.2 | 28.4 | 0.4 | 204 |
| 3000 | 21.1 | 36.1 | 0.6 | 264 |
| 3500 | 29.9 | 43.8 | 0.7 | 324 |
| 4000 | 39.2 | 51.3 | 0.8 | 363 |
| 4500 | 45 | 59.7 | 0.8 | 357 |
| 5000 | 53.5 | 94.3 | 0.6 | 269 |
| 5500 | 61.5 | 114.1 | 0.5 | 255 |
| 6000 | 66.3 | 128.9 | 0.5 | 244 |

