# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
60 mph/6323 rpm

**Acceleration**
0 - 20 mph (seconds)
6.19

**Acceleration**
0 - 30 mph (seconds)
9.53

MERCURY
GO BOLDLY.®

| Test Date | Air Temperature (˚F) | Elevation (ft) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|---|
| May 31, 2023 | 7 | 871 | Calm | 7 | Freshwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 4 |
| Engine | Verado |
| Horsepower | 350 |
| Cylinders | 10 |
| Drive or gear model and ratio | V10 AMS 2.08 |
| Engine Height (in) | 0.9, 4.0, 4.0, 0.9 |
| Engine Setback (in) | 10.3, 12.0, 12.0, 10.3 |
| Engine Length (in) | 20, 30, 30, 20 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Revolution X |
| Material | Stainless Steel |
| Pitch | 22.0, 22.0, 22.0, 22.0 |
| Number of Blades | 4 |

## BOAT

| | |
|---|---|
| Boat Brand | Formula |
| Boat Model | 430 SSC |
| Boat Type | Yacht |
| Boat Material | Fiberglass |
| Length (ft) | 43 |
| Beam (ft) | 12 |
| Fuel Tank Capacity (gal) | 500 |
| Steering Type | Joystick |
| Dry Boat Weight (lbs) | 26,660 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 3.6 | 3.6 | 1 | 497 |
| 1000 | 6.1 | 6.7 | 0.9 | 454 |
| 1500 | 8.3 | 11.5 | 0.7 | 361 |
| 2000 | 9.1 | 19.8 | 0.5 | 229 |
| 2500 | 9.2 | 23.8 | 0.4 | 193 |
| 3000 | 9.6 | 31.2 | 0.3 | 154 |
| 3500 | 19.4 | 38.8 | 0.5 | 249 |
| 4000 | 34.4 | 47.3 | 0.7 | 363 |
| 4500 | 40.5 | 56.1 | 0.7 | 361 |
| 5000 | 45.8 | 65.6 | 0.7 | 349 |
| 5500 | 51.1 | 88.1 | 0.6 | 289 |
| 6000 | 56.5 | 104.4 | 0.5 | 270 |

