

# XTREME BOATS

LIGHTER, STRONGER, FASTER  
FOR THE HIGHEST PERFORMANCE

## TOTAL PERFORMANCE REPORT

WWW.XTREMEBOATS.COM

850-547-9500

### TEST DAY DATA

|                               |        |
|-------------------------------|--------|
| Test Date                     | Dec-12 |
| Test Conductor(s)             | BH     |
| Boat Weight As Tested         | 1100   |
| Air Temperature               | 48F    |
| Elevation                     | 160    |
| Wind Velocity                 | 18     |
| Fresh/Salt Water              | Fresh  |
| Weight of Persons during Test | 180    |



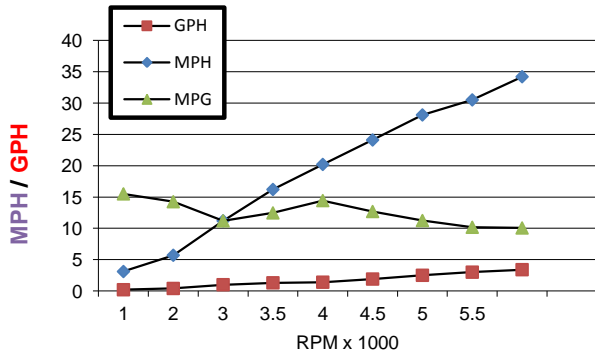
### PERFORMANCE SUMMARY

|                                   |                 |
|-----------------------------------|-----------------|
| Top Speed (MPH @ RPM)             | 34.2            |
| Acceleration 0 - 10 MPH (Seconds) | N/A             |
| Acceleration 0 - 20 MPH (Seconds) | N/A             |
| Best Fuel Efficiency (MPG @ MPH)  | 14.4 @ 20.2 MPH |

### ENGINE SPECIFICATIONS

|            |            |      |
|------------|------------|------|
| Engine     | Mercury 40 | ELPT |
| Horsepower | 40         |      |
| Cylinders  | 3          |      |
| Gear Ratio | 2.00       |      |

### PERFORMANCE CURVE



### BOAT SPECIFICATIONS

|                       |                           |
|-----------------------|---------------------------|
| Boat Model            | Brute 1454 SS             |
| Bottom Style          | Modified V w Vented Keels |
| Material              | Welded Aluminum           |
| Length                | 14'0"                     |
| Beam                  | 70"                       |
| Bottom Width          | 54"                       |
| Hull Bottom Thickness | 0.125" Aluminum (1/8")    |
| Max HP Capacity       | 40 HP                     |
| Fuel Tank             | Topside                   |
| Steering Type         | Stick Steering            |
| Dry Boat Weight       | 495                       |
| Transom Height        | 22"                       |

### PERFORMANCE DATA

| RPM<br>x 1000 | SPEED<br>MPH | FUEL<br>GPH | FUEL<br>MPG |
|---------------|--------------|-------------|-------------|
| 1             | 3.1          | 0.2         | 15.5        |
| 2             | 5.7          | 0.4         | 14.3        |
| 3             | 11.2         | 1           | 11.2        |
| 3.5           | 16.2         | 1.3         | 12.5        |
| 4             | 20.2         | 1.4         | 14.4        |
| 4.5           | 24.1         | 1.9         | 12.7        |
| 5             | 28.1         | 2.5         | 11.2        |
| 5.5           | 30.5         | 3           | 10.2        |
| 6             | 34.2         | 3.4         | 10.1        |

### PROPELLER SPECIFICATIONS

|                  |           |
|------------------|-----------|
| Brand            | Mercury   |
| Model            | Vengeance |
| Material         | SS        |
| Diameter/Pitch   | 10.38/13  |
| Number of Blades | 3         |

### Performance Calculations

|                           |        |
|---------------------------|--------|
| Propeller Slippage at WOT | 8.01%  |
| Hull Factor (Efficiency)  | 178.94 |
| Higher = More Efficient   |        |

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Results on individual boats may vary depending on many factors, including weather and the condition of propeller, lower unit and boat bottom.

850-547-9500 XtremeBoats.com