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TEST \#1 Test Date: 11-Aug-2020

|  | MODEL |
| :--- | :--- | 250 Dauntless |  | HULL \# |
| :--- | :--- |
| USBWCE0272F021 |  |
| ENGINE | Mercury 250 V8 |

HORSEPOWER 250

GEAR RATIOS $1.85: 1$

PROP 18P Enertia

FUEL CAPACITY 90 gal.
Notable Options: Deluxe Leaning Post w/ Storage, Head w/ Pump Out, TRim Tabs, Fiberglass Hardtop, Freshwater Shower, Premium Audio, VHF, 12" Electronics, Active Trim

WEIGHTSUMMARY

| DRY WEIGHT | $4,510 \mathrm{lbs}$ |
| ---: | :--- |
| FUEL | 32 gal. |
| WATER | 0 gal. |
| TEST GEAR | 25 lbs |
| PERSONNEL | 360 lbs |
| TEST WEIGHT | $5,092 \mathrm{lbs}$ |
| WATER CONDITIONS | $88^{\circ} \mathrm{F}$ |
| WEATHER CONDITIONS | $80^{\circ} \mathrm{F}$ |



Speed

|  | RPM | mph | knots | gph | mpg | nmpg | range (mi) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Idle | 600 | 2.4 | 2.0 | 0.8 | 3.13 | 2.72 | 254 |
|  | 1000 | 4.2 | 3.6 | 1.3 | 3.32 | 2.88 | 296 |
|  | 1500 | 6.4 | 5.6 | 2.0 | 3.28 | 2.85 | 266 |
|  | 2000 | 8.0 | 6.9 | 3.1 | 2.61 | 2.26 | 211 |
|  | 2500 | 9.7 | 8.4 | 4.2 | 2.31 | 2.01 | 187 |
|  | 2750 | 12.2 | 10.6 | 5.1 | 2.39 | 2.08 | 194 |
|  | 3000 | 14.6 | 12.6 | 5.9 | 2.49 | 2.16 | 201 |
|  | 3250 | 18.3 | 15.9 | 6.1 | 3.00 | 2.61 | 243 |
|  | 3500 | 22.4 | 19.4 | 7.1 | 3.17 | 2.75 | 257 |
|  | 4000 | 28.6 | 24.8 | 9.1 | 3.14 | 2.72 | 254 |
|  | 4500 | 33.5 | 29.1 | 11.1 | 3.03 | 2.63 | 246 |
|  | 5000 | 38.1 | 33.0 | 13.9 | 2.74 | 2.38 | 222 |
|  | 5500 | 43.0 | 37.3 | 18.9 | 2.27 | 1.97 | 184 |
| WOT | 5960 | 48.0 | 41.7 | 21.9 | 2.20 | 1.91 | 178 |

Acceleration:Time to plane 5.1 secs | Idle $-30 \mathrm{mph}-7.3 \mathrm{secs}$


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TEST \#2 Test Date: 10-August-2020

MODEL 250 Dauntless
HULL \# USBWCE0272F021
ENGINE Mercury 300 V8 AMS
HORSEPOWER 300

GEAR RATIOS 1.85:1
PROP 18P Enertia Eco
FUELCAPACITY 90 gal.
Notable Options: Deluxe Leaning Post w/ Storage, Head w/ Pump Out, Trim Tabs, Fiberglass Hardtop, Freshwater Shower, Premium Audio, VHF, 12" Electronics, Active Trim

WEIGHTSUMMARY

| DRY WEIGHT | $4,510 \mathrm{lbs}$ |
| ---: | :--- |
| FUEL | 44 gal. |
| WATER | 0 gal. |

Speed
Fuel Consumption

|  | RPM | mph | knots | gph | mpg | nmpg | range (mi) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Idle | 600 | 2.4 | 2.1 | 0.8 | 3.20 | 2.78 | 259 |
|  | 1000 | 4.9 | 4.2 | 1.4 | 3.59 | 3.12 | 291 |
|  | 1500 | 7.1 | 6.1 | 2.1 | 3.36 | 2992 | 272 |
|  | 2000 | 8.8 | 7.6 | 3.5 | 2.50 | 2.17 | 203 |
|  | 2500 | 10.9 | 9.5 | 4.7 | 2.32 | 2.01 | 188 |
|  | 2750 | 12.6 | 10.9 | 5.5 | 2.30 | 2.00 | 187 |
|  | 3000 | 15.3 | 13.2 | 6.1 | 2.52 | 2.19 | 204 |
|  | 3250 | 19.4 | 16.8 | 6.7 | 2.92 | 2.53 | 236 |
|  | 3500 | 25.4 | 22.1 | 7.8 | 3.26 | 2.83 | 264 |
|  | 4000 | 33.4 | 29.0 | 10.7 | 3.12 | 2.71 | 252 |
|  | 4500 | 37.9 | 32.9 | 13.6 | 2.79 | 2.42 | 226 |
|  | 5000 | 42.4 | 36.8 | 18.4 | 2.31 | 2.01 | 187 |
|  | 5500 | 47.0 | 40.8 | 22.2 | 2.12 | 1.84 | 171 |
| WOT | 5930 | 51.2 | 44.4 | 23.4 | 2.19 | 1.90 | 177 |

Acceleration: Time to plane 5.3 secs | Idle $-30 \mathrm{mph}-7.5 \mathrm{secs}$

| TEST GEAR | 25 lbs |
| :---: | :--- |
| PERSONNEL | 360 lbs |
| TEST WEIGHT | $5,166 \mathrm{lbs}$ |

WATER CONDITIONS $88^{\circ} \mathrm{F}$
WEATHER CONDITIONS $86^{\circ} \mathrm{F}$


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| TEST \#3 | Test Date: <br> 27-July-2020 |
| :--- | :--- |
| MODEL | 250 Dauntless |
| HULL \# | USBWCE0272F021 |
| ENGINE | Mercury 350 <br> Verado |

HORSEPOWER 350

GEAR RATIOS $1.75: 1$
PROP 17P Enertia

FUEL CAPACITY 90 gal.
Notable Options: Deluxe Leaning Post w/ Storage, Head w/ Pump Out, Trim Tabs, Fiberglass Hardtop, Freshwater Shower, Premium Audio, VHF, 12" Electronics, Active Trim

| WEIGHTSUMMARY |  |
| ---: | :--- |
| DRY WEIGHT | $4,593 \mathrm{lbs}$ |
| FUEL | 45 gal. |
| WATER | 0 gal. |
| TEST GEAR | 25 lbs |
| PERSONNEL | 360 lbs |
| TEST WEIGHT | $5,255 \mathrm{lbs}$ |

WATER CONDITIONS $86^{\circ} \mathrm{F}$

WEATHER CONDITIONS $82^{\circ} \mathrm{F}$


| TEST \#4 | Test Date: <br> 27-July-2020 |
| :--- | :--- |
| MODEL | 250 Dauntless |
| HULL \# | USBWCE0272F021 |
| ENGINE | Mercury 400 <br> Verado |

HORSEPOWER 400

GEAR RATIOS $1.75: 1$
PROP 17P Enertia

FUEL CAPACITY 90 gal.
Notable Options: Deluxe LEaning Post w/ Storage, Head w/ Pump Out, Trim Tabs, Fiberglass Hardtop, Freshwater Shower, Premium Audio, VHF, 12" Electronics, Active Trim

WEIGHT SUM-

DRY WEIGHT 4,593 lbs
FUEL 39 gal.

WATER 0 gal.

TEST GEAR 25 lbs

PERSONNEL 360 lbs

TEST WEIGHT 5,218 lbs

WATER CONDITIONS $87^{\circ} \mathrm{F}$

WEATHER CONDITIONS $90^{\circ} \mathrm{F}$


Speed
Fuel Consumption

|  | RPM | mph | knots | gph | mpg | nmpg | range (mi) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Idle | 600 | 2.8 | 2.4 | 0.8 | 3.73 | 3.24 | 302 |
|  | 1000 | 4.8 | 4.1 | 1.2 | 3.96 | 3.44 | 321 |
|  | 1500 | 6.9 | 6.0 | 1.8 | 3.94 | 3.42 | 319 |
|  | 2000 | 8.6 | 7.4 | 2.7 | 3.17 | 2.75 | 257 |
|  | 2500 | 10.7 | 9.3 | 4.5 | 2.40 | 2.09 | 195 |
|  | 2750 | 13.0 | 11.2 | 5.4 | 2.42 | 2.10 | 196 |
|  | 3000 | 14.0 | 12.2 | 6.0 | 2.35 | 2.04 | 191 |
|  | 3500 | 4000 | 29.0 | 250.1 | 9.3 | 3.5 | 6.3 |
| 2.64 | 2.30 | 214 |  |  |  |  |  |
|  | 4500 | 34.5 | 30.0 | 12.0 | 2.89 | 2.513 | 246 |
|  | 5000 | 39.8 | 34.6 | 15.1 | 2.64 | 2.29 | 213 |
|  | 5500 | 44.2 | 38.4 | 19.1 | 2.32 | 2.01 | 188 |
|  | 6000 | 49.0 | 42.5 | 26.2 | 1.89 | 1.62 | 151 |
| WOT | 6760 | 56.3 | 48.9 | 36.8 | 1.53 | 1.33 | 124 |

Acceleration: Time to plane 3.9 secs | Idle - $30 \mathrm{mph}-7.3$ secs


Notes: 1)Speed determined by GPS. Fuel consumption based on total usage by the engines. MPG computed from MPH \& GPH. Range based on $90 \%$ of total fuel capacity. 2) The performance data shown should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed. Many factors may affect the actual performance of this boat or of similar boats. Such factors include, but are not limited to, installation of certain options such as towers and hard tops, vessel loading and trim, weather and sea conditions, engines condition, propeller condition and hull bottom condition. Boston Whaler makes no guarantee whatsoever that this performance will be repeated on this boat at a later date or at any time on a

250 Dauntless Engine Comparison Graph

$\square$ WHALER

