TEST \#1 TestDate: 20-January-2012

| TEST \# | Test Date: <br> 20-January-2012 |  |
| :---: | :---: | :---: |
| MODEL | 180 Dauntless |  |
| HULL \# | USBWCE0862A212 |  |
| ENGINE | Mercury 150 EFI FourStroke |  |
| HORSEPOWER | 150 |  |
| GEAR RATIOS | 1:92:1 |  |
| PROP | 141/4" $\times 18^{\prime \prime}$ Enertia |  |
| FUEL CAPACITY | 60 gal. |  |
| Notable Options: None |  |  |
| WEIGHT SUMMARY |  |  |
| DRY WEIGHT |  | 2,533 lbs |
|  | FUEL | 30 gal . |
| WATER |  | 0 gal. |
| TEST GEAR |  | 0 lbs |
| PERSONNEL |  | 345 lbs |
| TEST WEIGHT |  | 3,063 lbs |
| WATER CONDITIONS |  | $70^{\circ} \mathrm{F}$ |
| WEATHER CONDITIONS |  | $80^{\circ} \mathrm{F}$ |


| Speed |  | Fuel Consumption |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | RPM | mph | knots | gph | mpg | nmpg | range (mi) |
| Idle | 600 | 3.0 | 2.6 | 0.7 | 4.29 | 3.72 | 231 |
|  | 1000 | 4.1 | 3.6 | 1.0 | 4.32 | 3.75 | 233 |
|  | 1500 | 6.4 | 5.6 | 1.6 | 4.00 | 3.47 | 216 |
|  | 2000 | 7.7 | 6.7 | 2.5 | 3.08 | 2.67 | 166 |
|  | 2500 | 10.0 | 8.7 | 3.4 | 2.94 | 2.55 | 159 |
|  | 2750 | 17.5 | 15.2 | 3.6 | 4.86 | 4.22 | 263 |
|  | 3000 | 21.0 | 18.2 | 3.8 | 5.60 | 4.86 | 302 |
|  | 3250 | 23.5 | 20.4 | 4.3 | 5.53 | 4.80 | 299 |
|  | 3500 | 26.6 | 23.1 | 4.8 | 5.54 | 4.81 | 299 |
|  | 4500 | 360 | 31.8 | 27.6 | 6.7 | 4.78 | 4.15 |
|  |  | 31.7 | 31.9 | 8.7 | 4.24 | 3.68 | 229 |
|  | 5500 | 45.9 | 39.9 | 14.3 | 3.22 | 2.80 | 174 |
| WOT | 5800 | 48.2 | 41.9 | 14.4 | 3.35 | 2.91 | 181 |

Acceleration: Tme to plane 3.6 secs | Idle - $30 \mathrm{mph}-8.3$ secs


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[^0]:    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.

