



## 255 Conquest®: Mercury® 250 XXL Verado®

### Testing Information

Model: 255 Conquest

Hull #: BWCE7750D404

Engine: Mercury 250

XXL Verado

Horsepower: 250

Gear Ratio: 1.846:1

Prop: 15 3/4 x 15 Mirage

Fuel Capacity: 150 gallons

Notable Options: none

Test Date: May 5, 2004

### Weight Summary

Dry Weight: 5600 lbs

Fuel: 75 gallons

Water: 20 gallons

Test Gear: 0 lbs

Personnel: 375 lbs

Test Weight: 6603 lbs

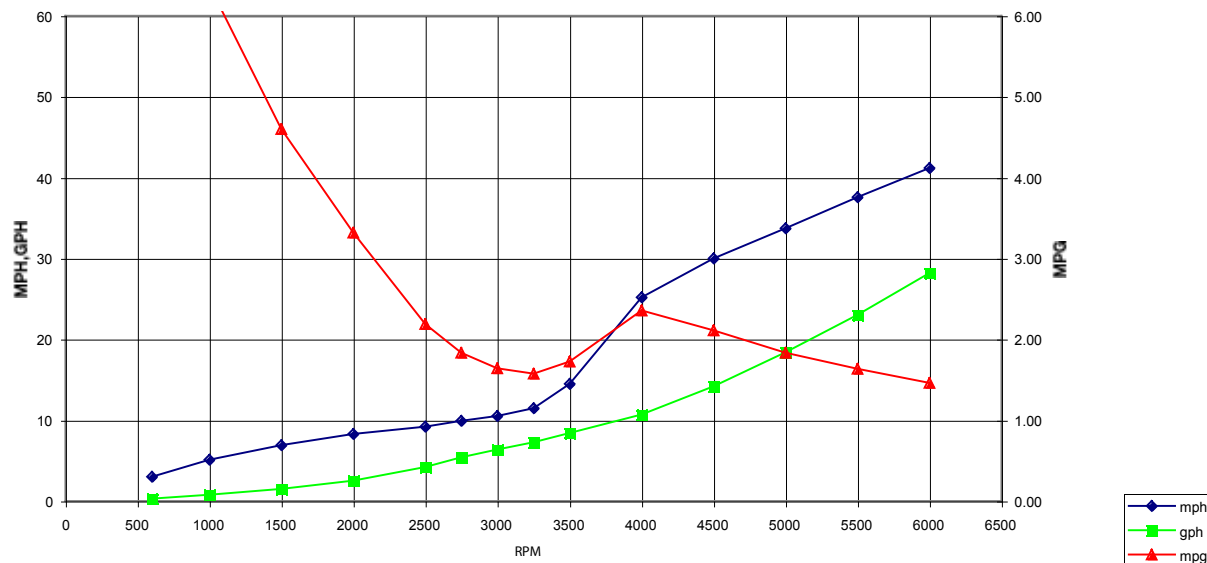
Water Conditions: 71° F

Weather Conditions: 78° F

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|      | RPM  | Speed |       | gph  | Fuel Consumption |      | range (mi) | Noise dB(A) |
|------|------|-------|-------|------|------------------|------|------------|-------------|
|      |      | mph   | knots |      | mpg              | nmpg |            |             |
| Idle | 600  | 3.0   | 2.6   | 0.3  | 10.00            | 8.68 | 1350       | 56          |
|      | 1000 | 5.1   | 4.4   | 0.8  | 6.38             | 5.54 | 861        | 58          |
|      | 1500 | 6.9   | 6.0   | 1.5  | 4.60             | 3.99 | 621        | 62          |
|      | 2000 | 8.3   | 7.2   | 2.5  | 3.32             | 2.88 | 448        | 66          |
|      | 2500 | 9.2   | 8.0   | 4.2  | 2.19             | 1.90 | 296        | 71          |
|      | 2750 | 9.9   | 8.6   | 5.4  | 1.83             | 1.59 | 248        | 73          |
|      | 3000 | 10.5  | 9.1   | 6.4  | 1.64             | 1.42 | 221        | 75          |
|      | 3250 | 11.5  | 10.0  | 7.3  | 1.58             | 1.37 | 213        | 78          |
|      | 3500 | 14.5  | 12.6  | 8.4  | 1.73             | 1.50 | 233        | 79          |
|      | 4000 | 25.2  | 21.9  | 10.7 | 2.36             | 2.05 | 318        | 79          |
|      | 4500 | 30.0  | 26.1  | 14.2 | 2.11             | 1.83 | 285        | 80          |
| WOT  | 5000 | 33.7  | 29.3  | 18.4 | 1.83             | 1.59 | 247        | 81          |
|      | 5500 | 37.6  | 32.7  | 23.0 | 1.63             | 1.42 | 221        | 82          |
|      | 6000 | 41.2  | 35.8  | 28.2 | 1.46             | 1.27 | 197        | 83          |

Acceleration: time to plane 7.6 secs  
Idle - 30 mph 11.2 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 similarly equipped boat.



## 255 Conquest®: Mercury® 300 XXL Verado®

### Testing Information

Model: 255 Conquest

Hull #: BWCE0968H708

Engine: Mercury 300

XXL Verado

Horsepower: 300

Gear Ratio: 1.846:1

Prop: 15 X 15 Enertia

Fuel Capacity: 150 gallons

Notable Options: none

Test Date: September 17, 2007

### Weight Summary

Dry Weight: 5950 lbs

Fuel: 65 gallons

Water: 0 gallons

Test Gear: 0 lbs

Personnel: 390 lbs

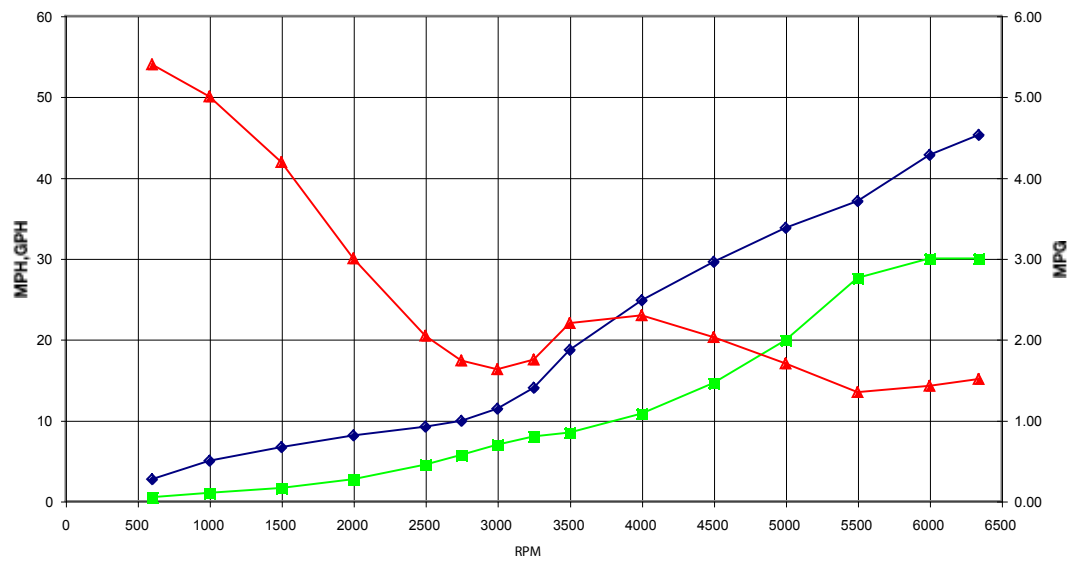
Test Weight: 6740 lbs

Water Conditions: 86° F

Weather Conditions: 86° F

|      | RPM  | Speed |       | gph  | Fuel Consumption |      | range (mi) | Noise dB(A) |
|------|------|-------|-------|------|------------------|------|------------|-------------|
|      |      | mph   | knots |      | mpg              | nmpg |            |             |
| Idle | 600  | 2.7   | 2.3   | 0.5  | 5.40             | 4.69 | 729        | N/A         |
|      | 1000 | 5.0   | 4.3   | 1.0  | 5.00             | 4.34 | 675        | N/A         |
|      | 1500 | 6.7   | 5.8   | 1.6  | 4.19             | 3.64 | 565        | N/A         |
|      | 2000 | 8.1   | 7.0   | 2.7  | 3.00             | 2.61 | 405        | N/A         |
|      | 2500 | 9.2   | 8.0   | 4.5  | 2.04             | 1.78 | 276        | N/A         |
|      | 2750 | 9.9   | 8.6   | 5.7  | 1.74             | 1.51 | 234        | N/A         |
|      | 3000 | 11.4  | 9.9   | 7.0  | 1.63             | 1.41 | 220        | N/A         |
|      | 3250 | 14.0  | 12.2  | 8.0  | 1.75             | 1.52 | 236        | N/A         |
|      | 3500 | 18.7  | 16.2  | 8.5  | 2.20             | 1.91 | 297        | N/A         |
|      | 4000 | 24.8  | 21.5  | 10.8 | 2.30             | 1.99 | 310        | N/A         |
|      | 4500 | 29.6  | 25.7  | 14.6 | 2.03             | 1.76 | 274        | N/A         |
|      | 5000 | 33.8  | 29.4  | 19.9 | 1.70             | 1.47 | 229        | N/A         |
| WOT  | 5500 | 37.1  | 32.2  | 27.6 | 1.34             | 1.17 | 181        | N/A         |
|      | 6000 | 42.8  | 37.2  | 30.0 | 1.43             | 1.24 | 193        | N/A         |
|      | 6340 | 45.3  | 39.3  | 30.0 | 1.51             | 1.31 | 204        | N/A         |

Acceleration: time to plane 6.5 secs  
Idle - 30 mph 11.4 secs



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## 255 Conquest®: Twin Mercury® 150 CXL Verado®

### Testing Information

Model: 255 Conquest

Hull #: BWCE5071H304

Engine: Twin Mercury

150 CXL Verado

Horsepower: 300

Gear Ratio: 2.083:1

Prop: 15 1/2 x 17 Mirage

Fuel Capacity: 150 gallons

Notable Options: none

Test Date: March 15, 2005

### Weight Summary

Dry Weight: 5900 lbs

Fuel: 61 gallons

Water: 20 gallons

Test Gear: 0 lbs

Personnel: 370 lbs

Test Weight: 6812 lbs

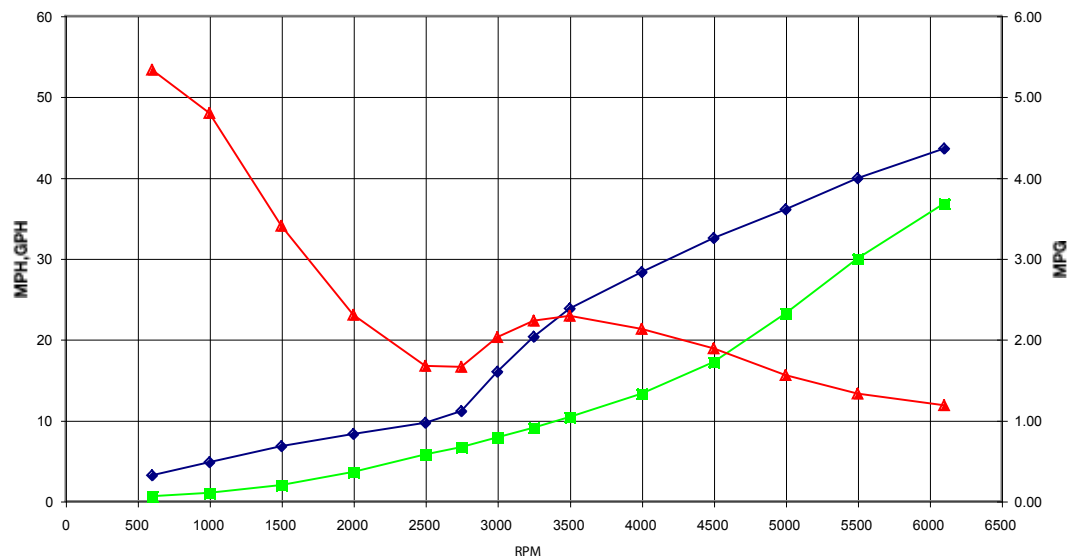
Water Conditions: 70° F

Weather Conditions: 77° F

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|      | RPM  | Speed |       | gph  | Fuel Consumption |      | range (mi) | Noise dB(A) |
|------|------|-------|-------|------|------------------|------|------------|-------------|
|      |      | mph   | knots |      | mpg              | nmpg |            |             |
| Idle | 600  | 3.2   | 2.8   | 0.6  | 5.33             | 4.63 | 720        | 60          |
|      | 1000 | 4.8   | 4.2   | 1.0  | 4.80             | 4.17 | 648        | 60          |
|      | 1500 | 6.8   | 5.9   | 2.0  | 3.40             | 2.95 | 459        | 66          |
|      | 2000 | 8.3   | 7.2   | 3.6  | 2.31             | 2.00 | 311        | 71          |
|      | 2500 | 9.7   | 8.4   | 5.8  | 1.67             | 1.45 | 226        | 78          |
|      | 2750 | 11.1  | 9.6   | 6.7  | 1.66             | 1.44 | 224        | 79          |
|      | 3000 | 16.0  | 13.9  | 7.9  | 2.03             | 1.76 | 273        | 81          |
|      | 3250 | 20.3  | 17.6  | 9.1  | 2.23             | 1.94 | 301        | 80          |
|      | 3500 | 23.8  | 20.7  | 10.4 | 2.29             | 1.99 | 309        | 82          |
|      | 4000 | 28.3  | 24.6  | 13.3 | 2.13             | 1.85 | 287        | 83          |
|      | 4500 | 32.5  | 28.2  | 17.2 | 1.89             | 1.64 | 255        | 84          |
| WOT  | 5000 | 36.1  | 31.3  | 23.2 | 1.56             | 1.35 | 210        | 86          |
|      | 5500 | 39.9  | 34.6  | 30.0 | 1.33             | 1.15 | 180        | 88          |
|      | 6100 | 43.6  | 37.9  | 36.8 | 1.18             | 1.03 | 160        | 90          |

Acceleration: time to plane 4.4 secs  
Idle - 30 mph 9.0 secs



- Notes:
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  - 3) Performance test completed with model year 2005 engines.



## 255 Conquest®: Twin Mercury® 200 L4 CXL Verado®

### Testing Information

Model: 255 Conquest

Hull #: BWCE066OH708

Engine: Twin Mercury 200

L4 CXL Verado

Horsepower: 400

Gear Ratio: 2.083:1

Prop: 13 5/8 x 21 Enertia

Fuel Capacity: 150 gallons

Notable Options: none

Test Date: August 20, 2007

### Weight Summary

Dry Weight: 6202 lbs

Fuel: 75 gallons

Water: 20 gallons

Test Gear: 0 lbs

Personnel: 360 lbs

Test Weight: 7190 lbs

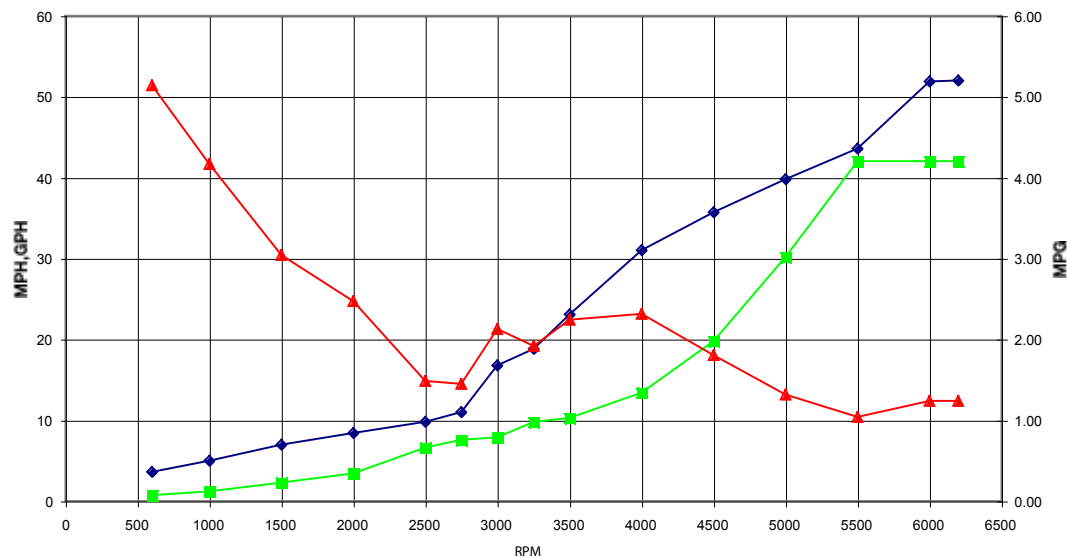
Water Conditions: 88° F

Weather Conditions: 90° F

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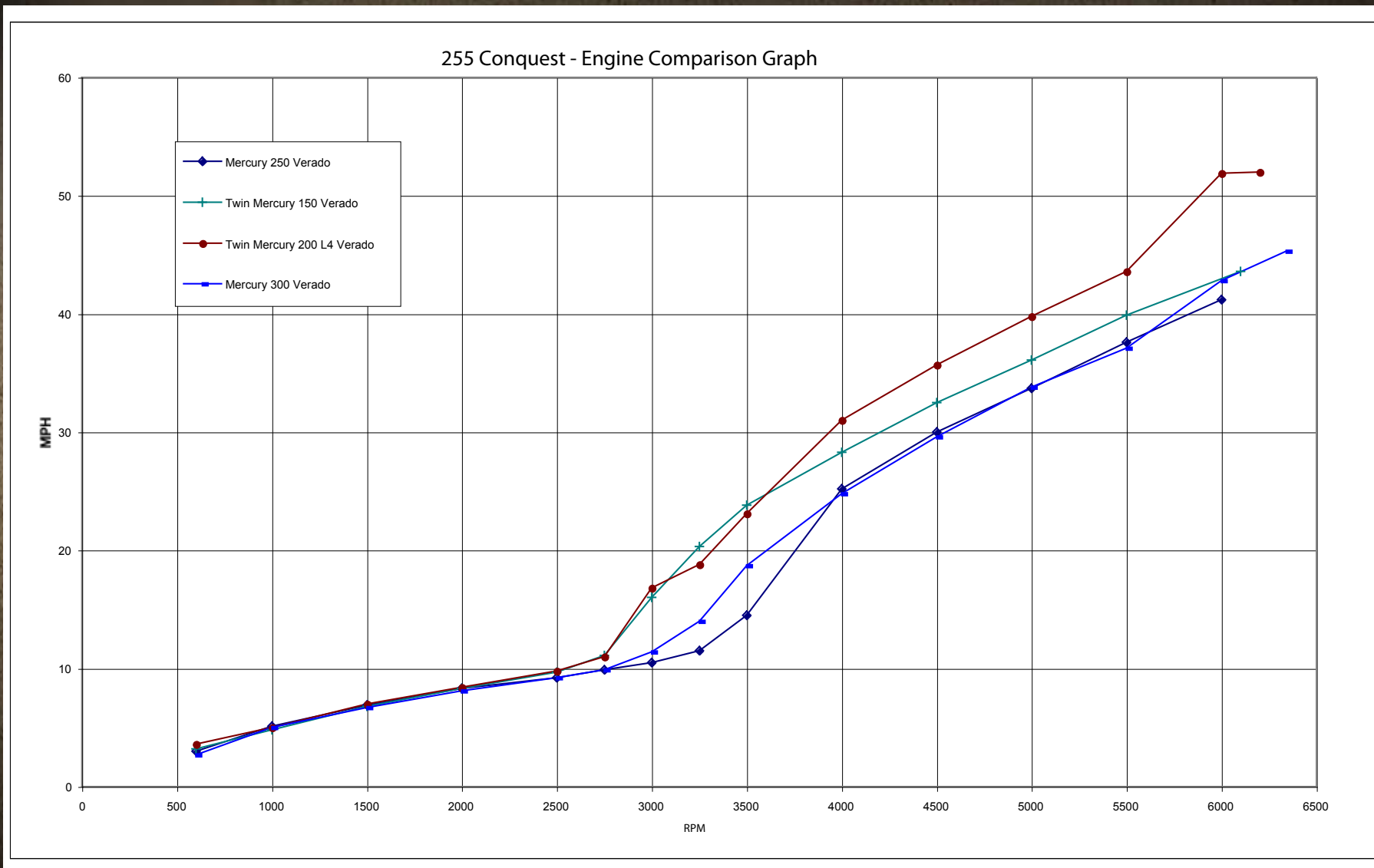
|      | RPM  | Speed |       | gph  | Fuel Consumption |      | range (mi) | Noise<br>dB(A) |
|------|------|-------|-------|------|------------------|------|------------|----------------|
|      |      | mph   | knots |      | mpg              | nmpg |            |                |
| Idle | 600  | 3.6   | 3.1   | 0.7  | 5.14             | 4.47 | 694        |                |
|      | 1000 | 5.0   | 4.3   | 1.2  | 4.17             | 3.62 | 563        |                |
|      | 1500 | 7.0   | 6.1   | 2.3  | 3.04             | 2.64 | 411        |                |
|      | 2000 | 8.4   | 7.3   | 3.4  | 2.47             | 2.15 | 334        |                |
|      | 2500 | 9.8   | 8.5   | 6.6  | 1.48             | 1.29 | 200        |                |
|      | 2750 | 11.0  | 9.6   | 7.6  | 1.45             | 1.26 | 195        |                |
|      | 3000 | 16.8  | 14.6  | 7.9  | 2.13             | 1.85 | 287        |                |
|      | 3250 | 18.8  | 16.3  | 9.8  | 1.92             | 1.67 | 259        |                |
|      | 3500 | 23.1  | 20.1  | 10.3 | 2.24             | 1.95 | 303        |                |
|      | 4000 | 31.0  | 26.9  | 13.4 | 2.31             | 2.01 | 312        |                |
|      | 4500 | 35.7  | 31.0  | 19.8 | 1.80             | 1.57 | 243        |                |
|      | 5000 | 39.8  | 34.6  | 30.2 | 1.32             | 1.14 | 178        |                |
| WOT  | 5500 | 43.6  | 37.9  | 42.0 | 1.04             | 0.90 | 140        |                |
|      | 6000 | 51.9  | 45.1  | 42.0 | 1.24             | 1.07 | 167        |                |
|      | 6200 | 52.0  | 45.2  | 42.0 | 1.24             | 1.08 | 167        |                |

Acceleration: time to plane 5.9 secs  
Idle - 30 mph 7.5 secs



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  - 3) Performance test completed with model year 2005 engines.

## 235 Conquest®: Engine Comparison Graph



- Notes:
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