



# Performance Bulletin – 290 Adventure HT



## Hewescraft® 290 Adventure

Test Date 7/12/18

|                                |             |
|--------------------------------|-------------|
| Length                         | 29' 5"      |
| Beam                           | 9'9"        |
| Dry Weight (Boat only)         | 8,500 lbs.  |
| Maximum HP                     | 700         |
| Fuel Capacity                  | 250 gallons |
| Weight as tested (Approximate) | 9,840 lbs.  |

Note: Test weight includes 3/5 tank of fuel, 5 batteries, safety & test Equipment

## HONDA BF250/ BF250

|                     |          |
|---------------------|----------|
| Horsepower          | 250 HP   |
| Displacement        | 3.6 L.   |
| Dry Weight (engine) | 611 lbs. |
| Gear Ratio          | 2.00     |
| Mounting Height     | #2       |

## Propellers

|                   |              |
|-------------------|--------------|
| Material / Blades | SS / 4 blade |
| Series            | Power Tech   |
| Diameter / Pitch  | 15 ¼ x 16    |
| Honda Part #      | N/A          |

## Test Conditions

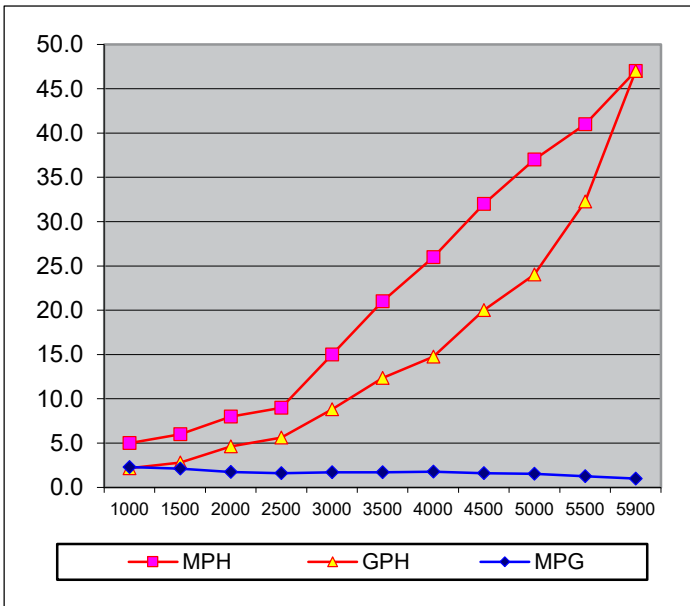
|                                     |           |
|-------------------------------------|-----------|
| Number of People                    | 5         |
| Air Temperature (Fahrenheit)        | 85° F     |
| Elevation (in feet above sea level) | 1,300 ft. |

## Wind Velocity



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| RPM  | MPH | GPH   | MPG  |
|------|-----|-------|------|
| 1000 | 5   | 2.17  | 2.3  |
| 1500 | 6   | 2.82  | 2.13 |
| 2000 | 8   | 4.62  | 1.73 |
| 2500 | 9   | 5.63  | 1.6  |
| 3000 | 15  | 8.82  | 1.7  |
| 3500 | 21  | 12.35 | 1.7  |
| 4000 | 26  | 14.77 | 1.76 |
| 4500 | 32  | 20    | 1.6  |
| 5000 | 37  | 24.03 | 1.54 |
| 5500 | 41  | 32.28 | 1.27 |
| 5900 | 47  | 47    | 1    |





# Performance Bulletin – 290 Adventure HT



## Hewescraft 290 Adventure HT

Test Date 9/10/18

|                                |             |
|--------------------------------|-------------|
| Length                         | 29' 5"      |
| Beam                           | 9'9"        |
| Dry Weight (Boat only)         | 8,500 lbs.  |
| Maximum HP                     | 700         |
| Fuel Capacity                  | 250 gallons |
| Weight as tested (Approximate) | 10,443 lbs. |

Note: Test weight includes 90 gal of fuel, 5 batteries, safety & test Equipment

## Yamaha BF250UCA/ LF250UCA

|                     |              |
|---------------------|--------------|
| Horsepower          | 250 Twins HP |
| Displacement        | 4.26 L       |
| Dry Weight (engine) | 1,150 lbs.   |
| Gear Ratio          | 1.75         |
| Mounting Height     | #1           |

## Propellers

|                   |              |
|-------------------|--------------|
| Material / Blades | SS / 3 blade |
| Series            | Solas        |
| Diameter / Pitch  | 14 ¼ x 17    |

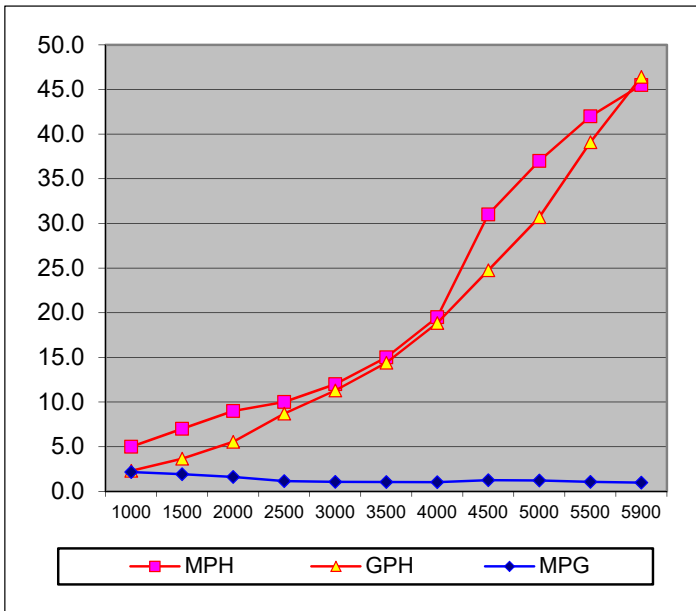
## Test Conditions

|                                     |           |
|-------------------------------------|-----------|
| Number of People                    | 5         |
| Air Temperature (Fahrenheit)        | 75° F     |
| Elevation (in feet above sea level) | 1,300 ft. |
| Wind Velocity                       | 5-10 mph  |



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| RPM       | MPH  | GPH   | MPG  |
|-----------|------|-------|------|
| 1000      | 5    | 2.3   | 2.17 |
| 1500      | 7    | 3.65  | 1.92 |
| 2000      | 9    | 5.55  | 1.62 |
| 2500      | 10   | 8.7   | 1.15 |
| 3000      | 12   | 11.3  | 1.06 |
| 3500      | 15   | 14.4  | 1.04 |
| 4000      | 19.5 | 18.85 | 1.03 |
| 4500      | 31   | 24.75 | 1.25 |
| 5000      | 37   | 30.7  | 1.21 |
| 5500      | 42   | 39.1  | 1.07 |
| 5900-6000 | 45.5 | 46.4  | 0.98 |





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| Beam                           | 9'9"        |
| Dry Weight (Boat only)         | 8,500 lbs.  |
| Maximum HP                     | 700         |
| Fuel Capacity                  | 250 gallons |
| Weight as tested (Approximate) | 9,840 lbs.  |

Note: Test weight includes 3/5 tank of fuel, 5 batteries, safety & test Equipment

## Yamaha F300UCA/ LF300UCA

|                     |          |
|---------------------|----------|
| Horsepower          | 300 HP   |
| Displacement        | 4.2 L.   |
| Dry Weight (engine) | 575 lbs. |
| Gear Ratio          | 1.755    |
| Mounting Height     | #1       |

## Propellers

|                   |                 |
|-------------------|-----------------|
| Material / Blades | SS / 3 blade    |
| Series            | Saltwater       |
| Diameter / Pitch  | 16 ¼ x 17       |
| Yamaha Part #     | 6AW-45970-00-00 |

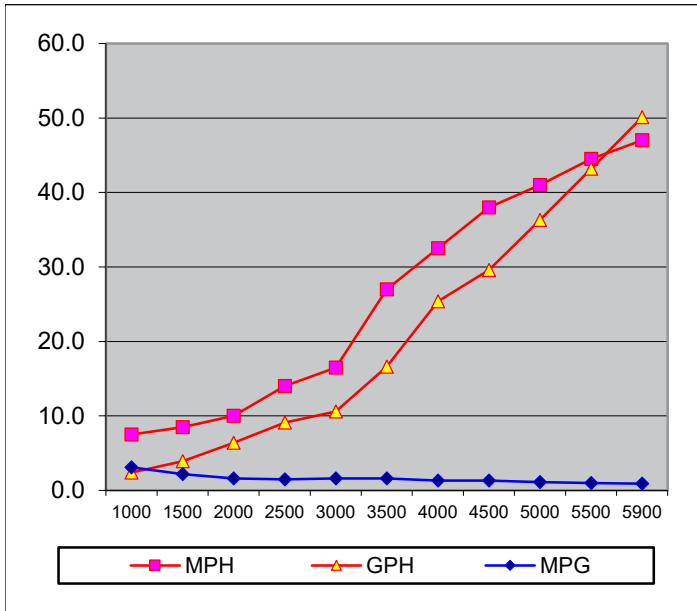
## Test Conditions

|                                     |           |
|-------------------------------------|-----------|
| Number of People                    | 5         |
| Air Temperature (Fahrenheit)        | 85° F     |
| Elevation (in feet above sea level) | 1,300 ft. |
| Wind Velocity                       | 5-10 mph  |



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| RPM  | MPH  | GPH  | MPG |
|------|------|------|-----|
| 1000 | 7.5  | 2.4  | 3.1 |
| 1500 | 8.5  | 3.9  | 2.2 |
| 2000 | 10   | 6.4  | 1.6 |
| 2500 | 14   | 9.1  | 1.5 |
| 3000 | 16.5 | 10.6 | 1.6 |
| 3500 | 27   | 16.6 | 1.6 |
| 4000 | 32.5 | 25.4 | 1.3 |
| 4500 | 38   | 29.6 | 1.3 |
| 5000 | 41   | 36.3 | 1.1 |
| 5500 | 44.5 | 43.2 | 1.0 |
| 5900 | 47   | 50.1 | .09 |



Time to plane: 3.99 Seconds      Acceleration 0-20 MPH: 4.5 Seconds