



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

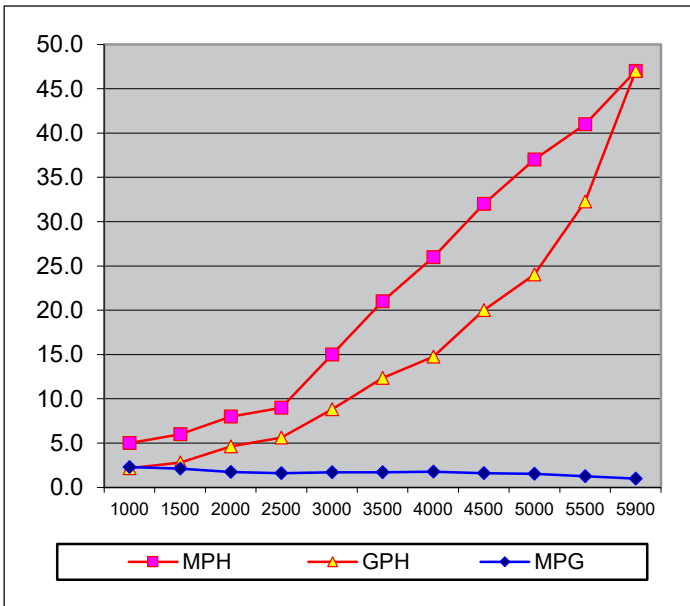
Number of People	5
Air Temperature (Fahrenheit)	85° F
Elevation (in feet above sea level)	1,300 ft.

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





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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

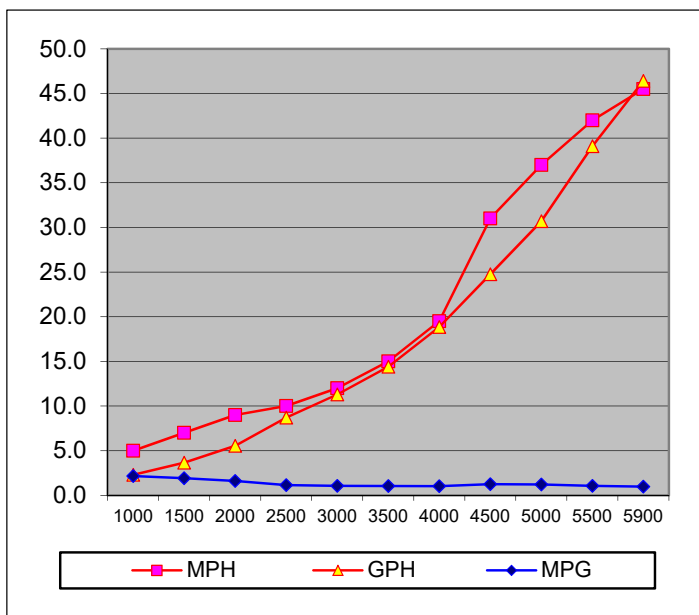
Propellers

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

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

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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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

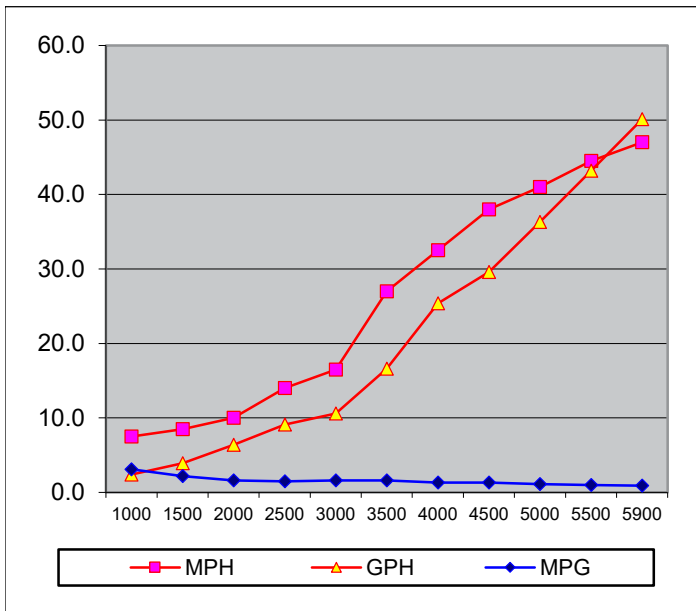
Test Conditions

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