



# Performance Bulletin – 210 Sea Runner ET



## Hewescraft® 210 Sea Runner ET

Test Date 10/21/12

Length	23'8"
Beam	96"
Dry Weight (Boat only)	2,300 lbs
Maximum HP	225
Fuel Capacity	85
Weight as tested (Approximate)	3,886 lbs

Note: Test weight includes 1/3 tank of fuel, 1 battery, safety & test Equipment

## Yamaha F200 XB

Horsepower	200 HP
Displacement	2.8 L
Dry Weight (engine)	489 lbs
Gear Ratio	1.86:1
Mounting Height	#1

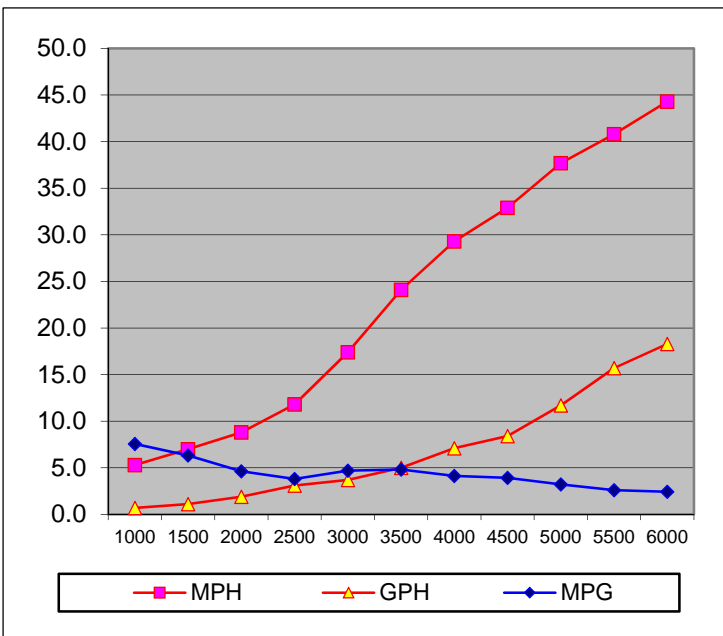
## Propellers

Material /Blades	Aluminum / 3
Series	Reliance Series / SDS HUB
Diameter/Pitch	14 ¼ x 15
Yamaha Part #	68F-45970-10-00

RPM	MPH	GPH	MPG
1000	5.3	0.7	7.57
1500	7.0	1.1	6.32
2000	8.8	1.9	4.63
2500	11.8	3.1	3.81
3000	17.4	3.7	4.70
3500	24.1	5.0	4.82
4000	29.3	7.1	4.13
4500	32.9	8.4	3.92
5000	37.7	11.7	3.22
5500	40.8	15.7	2.60
6000	44.3	18.3	2.42

## Test Conditions

Number of People	2
Air Temperature (Fahrenheit)	65 ° F
Elevation (in feet above sea level)	1,275 ft.
Wind Velocity	0 – 5 mph



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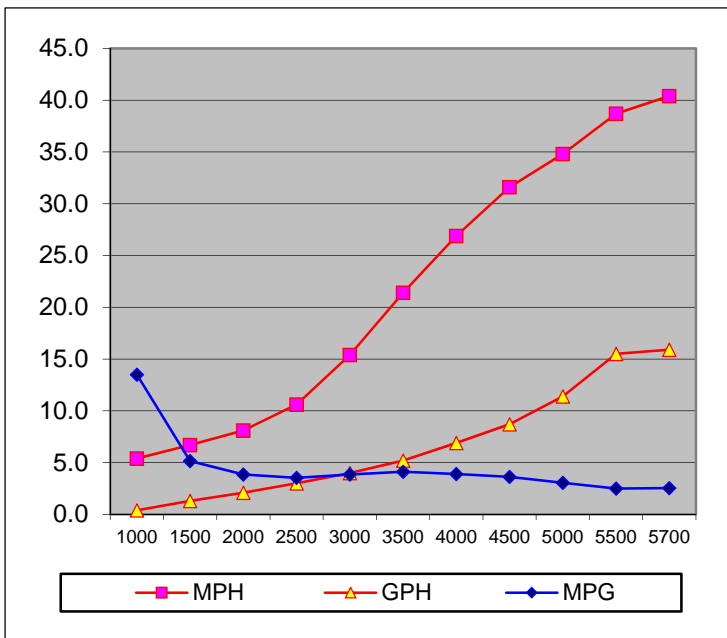
Time to plane: 4.44 Seconds      Acceleration 0-30 MPH:6.80 Seconds



# Performance Bulletin – 210 Sea Runner ET HT



RPM	MPH	GPH	MPG
1000	5.4	0.4	13.5
1500	6.7	1.3	5.15
2000	8.1	2.1	3.86
2500	10.6	3.0	3.53
3000	15.4	4.0	3.85
3500	21.4	5.2	4.12
4000	26.9	6.9	3.90
4500	31.6	8.7	3.63
5000	34.8	11.4	3.05
5500	38.7	15.5	2.50
5700	40.4	15.9	2.54



Time to plane: 5.19 Seconds      Acceleration 0-30 MPH: 9.21 Seconds

## Hewescraft® 210 Sea Runner ET HT

Test Date 8/21/14

Length	23'8"
Beam	96"
Dry Weight (Boat only)	2,850 lbs
Maximum HP	225
Fuel Capacity	90
Weight as tested (Approximate)	4,451 lbs

Note: Test weight includes 1/3 tank of fuel, 1 battery, safety & test Equipment

## Yamaha F175 XA

Horsepower	175 HP
Displacement	2.8 L
Dry Weight (engine)	485 lbs
Gear Ratio	1.86
Mounting Height	#2

## Propellers

Material /Blades	Polished SS / 3
Series	Reliance Series / SDS
Diameter/Pitch	14 ½ x 15
Yamaha Part #	68F-45970-10-00

## Test Conditions

Number of People	2
Air Temperature (Fahrenheit)	71 ° F
Elevation (in feet above sea level)	1,760 ft.
Wind Velocity	0 - 5 mph



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# Performance Bulletin – 210 Sea Runner ET HT



## Hewescraft® 210 Sea Runner ET HT

Test Date 8/14/15

Length	23'8"
Beam	96'
Dry Weight (Boat only)	2800 lbs
Maximum HP	225
Fuel Capacity (at testing)	90 gal
Weight as Tested (approximate)	4200 lbs

Note: Test weight includes 65 gallons of fuel, 1 battery, safety & test Equipment

## Mercury 150XL Fourstroke

Horsepower	150 HP
Displacement	3.0L
Dry Weight (engine)	455 lbs
Gear Ratio	1.92:1
Mounting Height	#1

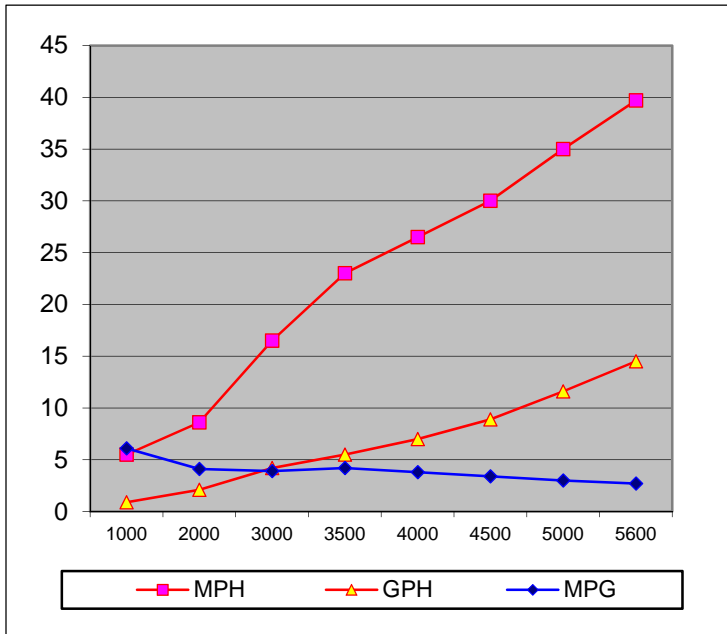
## Propellers

Prop (Material/Blades)	3 Blade SS
Prop Manufacturer	Eertia
Diameter/Pitch	15 x 15
Prop Manufacturer	Eertia
Mercury Part #	48-898990

RPM	MPH	GPH	MPG
1000	5.5	0.9	6.1
2000	8.6	2.1	4.1
3000	16.5	4.2	3.9
3500	23	5.5	4.2
4000	26.5	7	3.8
4500	30	8.9	3.4
5000	35	11.6	3.0
5600	39.7	14.5	2.7

## Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	63° F
Elevation (in feet above sea level)	0 ft.
Wind Velocity	10 mph



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Time to plane: 3 Seconds    Acceleration 0-20 MPH: 5 Seconds