



Performance Bulletin – 270 Pacific Explorer HT



Hewescraft® 270 Pacific Explorer HT

Test Date 7/8/2020

Length	30'4"
Beam	102"
Dry Weight (Boat only)	6,640 lbs.
Maximum HP	500
Fuel Capacity	190 gallons
Weight as tested (Approximate)	7,712 lbs.

Note: Test weight includes 40 gallons of fuel, 2 batteries, safety & test Equipment

Yamaha F200XCA / LF200XCA

Horsepower	200 Twins HP
Displacement	2.8 L
Dry Weight (per engine)	492 lbs.
Gear Ratio	1.86
Mounting Height	#2

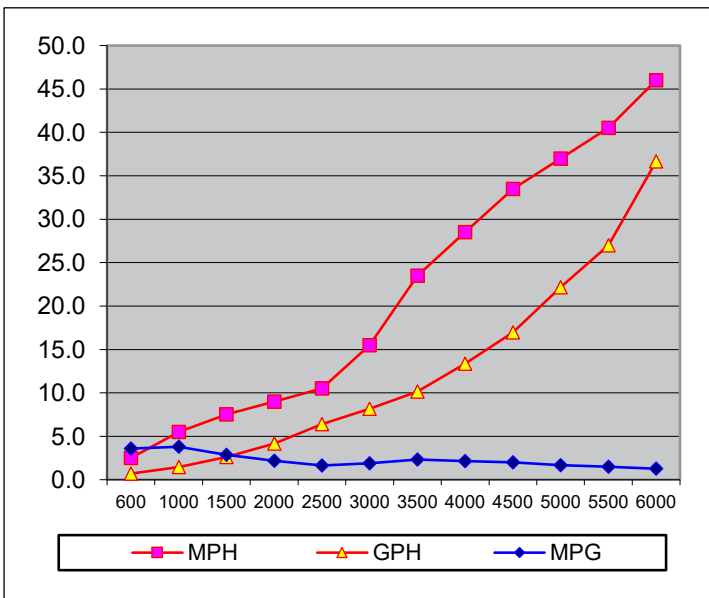
Propellers

Material / Blades	Polished SS / 3 blade
Series	Reliance
Diameter / Pitch	14 ½ x 15
Yamaha Part #	68F459701000

RPM	MPH	GPH	MPG
600	2.5	0.7	3.57
1000	5.5	1.45	3.79
1500	7.5	2.6	2.88
2000	9	4.15	2.16
2500	10.5	6.4	1.64
3000	15.5	8.15	1.90
3500	23.5	10.15	2.32
4000	28.5	13.35	2.14
4500	33.5	16.95	1.98
5000	37	22.15	1.67
5500	40.5	27	1.50
6000	46	36.65	1.26

Test Conditions

Number of People	4
Air Temperature (Fahrenheit)	66° F
Elevation (in feet above sea level)	1,275 ft.
Wind Velocity	5 - 10 mph



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Performance Bulletin – 270 Pacific Explorer HT



Hewescraft® 270 Pacific Explorer HT Test Date 7/31/15

Length	30'4"
Beam	102"
Dry Weight (Boat only)	6,640 lbs.
Maximum HP	500
Fuel Capacity	190 gallons
Weight as tested (Approximate)	7,712 lbs.

Note: Test weight includes 90 gallons of fuel, 2 batteries, safety & test Equipment

Yamaha F250XCA / LF250XCA

Horsepower	250 Twins HP
Displacement	4.2 L
Dry Weight (per engine)	551 lbs.
Gear Ratio	1.75
Mounting Height	#2

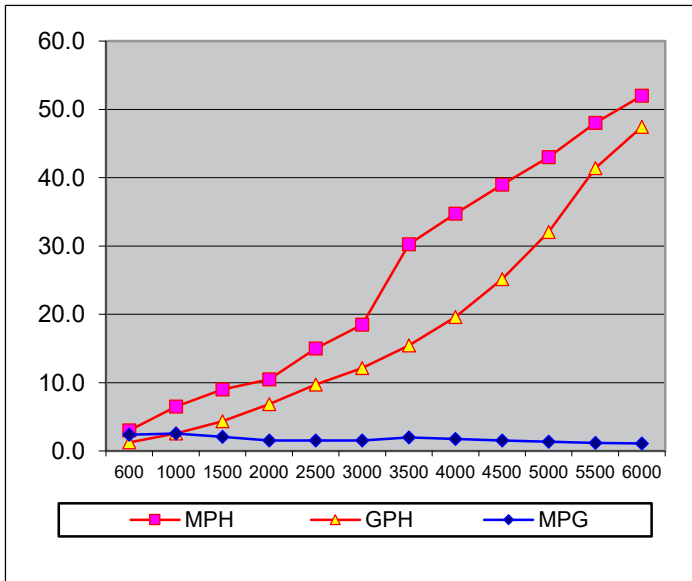
Propellers

Material / Blades	Polished SS / 3 blade
Series	Saltwater
Diameter / Pitch	15 1/2 x 17
Yamaha Part #	58133-ZY3-A17LX

RPM	MPH	GPH	MPG
600	3	1.5	3.67
1000	6.5	2.4	3.13
1500	9	3.8	2.34
2000	10.5	6.85	1.53
2500	15	9.7	1.55
3000	18.5	12.15	1.55
3500	30.25	15.45	1.96
4000	34.75	19.6	1.77
4500	39	25.15	1.55
5000	43	32.05	1.34
5500	48	41.4	1.16
6000	52	47.45	1.10

Test Conditions

Number of People	3
Air Temperature (Fahrenheit)	66° F
Elevation (in feet above sea level)	1,275 ft.
Wind Velocity	5 - 10 mph



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Performance Bulletin – 270 Pacific Explorer HT



Hewescraft® 270 Pacific Explorer HT Test Date 9/21/20

Length	30'4"
Beam	102"
Dry Weight (Boat only)	6,640 lbs.
Maximum HP	500
Fuel Capacity	190 gallons
Weight as tested (Approximate)	7,500 lbs.

Note: Test weight includes 90 gallons of fuel, 2 batteries, safety & test Equipment

Mercury 200XL 4S DTS / 200CXL 4S DTS

Horsepower	200 Twins HP
Displacement	4.8 L V6
Dry Weight (engine)	475 lbs.
Gear Ratio	1.85
Mounting Height	#2

Propellers

Material / Blades	Polished SS / 3 blade
Series	ENERTIA
Diameter / Pitch	15.0 x 15
Mercury Part #	48-898990A46 48-898991A46

Test Conditions

Number of People	3
Air Temperature (Fahrenheit)	70° F
Elevation (in feet above sea level)	1,275 ft.
Wind Velocity	5 - 10 mph



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RPM	MPH	GPH	MPG
1000	6.6	2	3.3
1500	7.65	3.2	2.39
2000	9.5	5.1	1.86
2500	12.15	6.7	1.81
3000	18	9.2	1.96
3500	24.25	10.8	2.25
4000	28.65	14.8	1.94
4500	33.5	17.2	1.95
5000	37.5	20.7	1.81
5500	40.8	29.4	1.39
5800	44.3	31.7	1.4

