

200 Pioneer



200 PIONEER

TEST DATE 10/29/24

Length	20'4"
Beam	97"
Dry Weight (Boat Only)	1,850 lbs
Maximum HP	200
Fuel Capacity	45
Weight as tested (Approximate)	2,600 lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

YAMAHA 50

Horsepower	50HP
Displacement	1.0 L
Dry Weight (Engine)	247 lbs
Gear Ratio	1.85:1
Mounting Height	#2

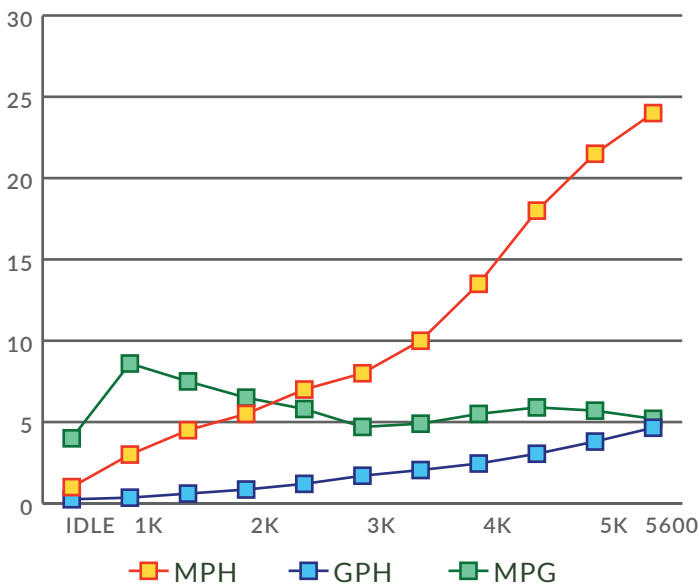
PROPELLERS

Material/Blades	Aluminum/3
Series	
Diameter/Pitch	13 5/8x13
Yamaha #	6E5-45949-00-00

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	54° F
Elevation	1,300 ft.
Wind Velocity	5 mph

RPM	MPH	GPH	MPG
IDLE	1	0.25	4
1000	3	0.35	8.6
1500	4.5	0.6	7.5
2000	5.5	0.85	6.5
2500	7	1.2	5.8
3000	8	1.7	4.7
3500	10	2.05	4.9
4000	13.5	2.45	5.5
4500	18	3.05	5.9
5000	21.5	3.8	5.7
5600	24	4.65	5.2

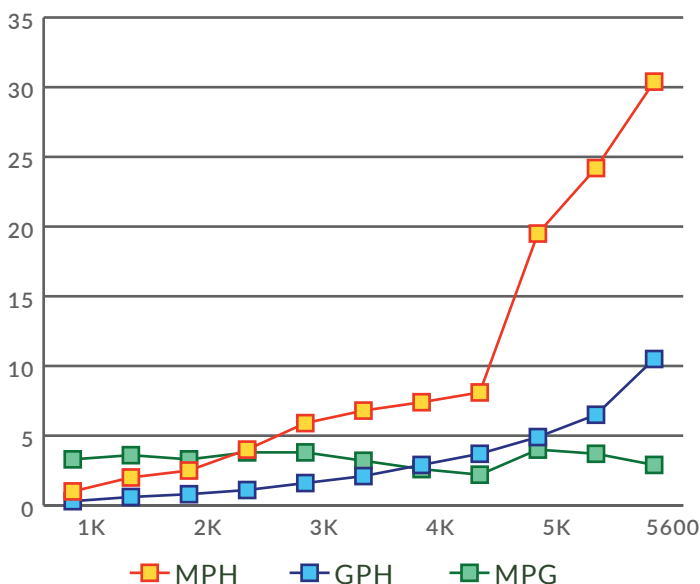


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RPM	MPH	GPH	MPG
IDLE	1	0.3	3.3
1000	2	0.6	3.6
1500	2.5	0.8	3.3
2000	4	1.1	3.8
2500	5.9	1.6	3.8
3000	6.8	2.1	3.2
3500	7.4	2.9	2.6
4000	8.1	3.7	2.2
4500	19.5	4.9	4
5000	24.2	6.5	3.7
5600	30.4	10.5	2.9



200 PIONEER

TEST DATE 10/29/24

Length	20'4"
Beam	97"
Dry Weight (Boat Only)	1,850 lbs
Maximum HP	200
Fuel Capacity	45
Weight as tested (Approximate)	2,750 lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

YAMAHA 115 JET

Horsepower	115 HP
Displacement	1.8 L
Dry Weight (Engine)	377 lbs
Gear Ratio	Direct Drive
Mounting Height	#2

PROPELLERS

Material/Blades	
Series	
Diameter/Pitch	Jet
Yamaha Part #	

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	54° F
Elevation	1,300 ft.
Wind Velocity	0-5 mph

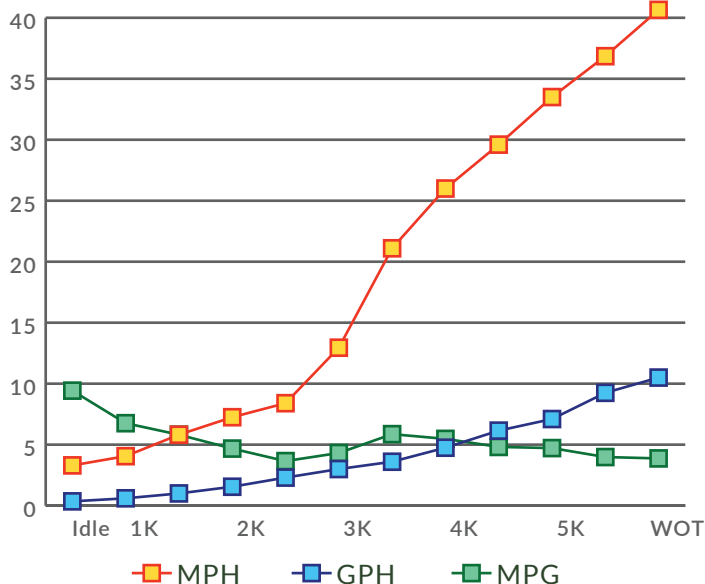


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200 Pioneer



RPM	MPH	GPH	MPG
IDLE	3.3	0.35	9.4
1000	4.1	0.6	6.8
1500	5.8	1	5.8
2000	7.3	1.55	4.7
2500	8.4	2.3	3.7
3000	13	3	4.3
3500	21.1	3.6	5.9
4000	26	4.75	5.5
4500	29.6	6.15	4.8
5000	33.5	7.1	4.7
5500	36.9	9.25	4
WOT	40.7	10.5	3.9



200 PIONEER

TEST DATE 4/29/25

Length	20'4"
Beam	97"
Dry Weight (Boat Only)	1,850 lbs
Maximum HP	200
Fuel Capacity	45
Weight as tested (Approximate)	2,900 lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

MERCURY 115 FOUR STROKE

Horsepower	115 HP
Displacement	2.1 L
Dry Weight (Engine)	359 lbs
Gear Ratio	2.07:1
Mounting Height	#2

PROPELLERS

Material/Blades	Aluminum/3
Series	Blackmax
Diameter/Pitch	13.25x17
Mercury Part #	77344A45

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	62° F
Elevation	1300 ft.
Wind Velocity	0-5 mph

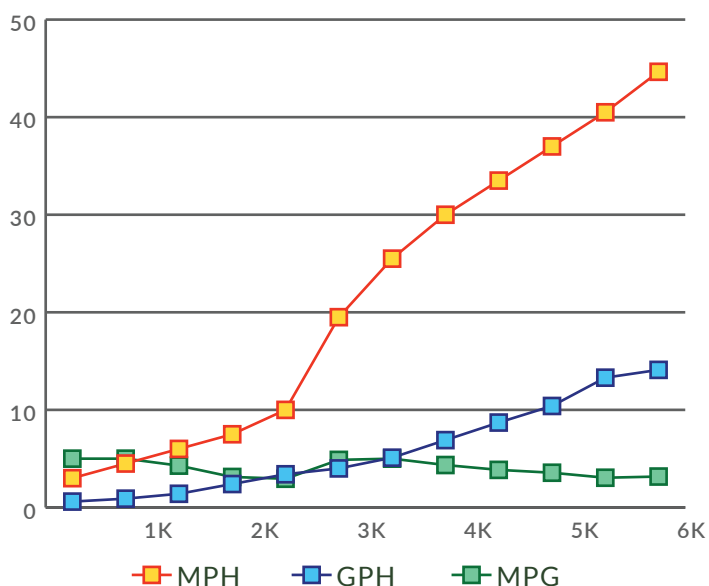


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200 Pioneer



RPM	MPH	GPH	MPG
IDLE	3	0.6	5
1000	4.5	0.9	5
1500	6	1.4	4.3
2000	7.5	2.4	3.1
2500	10	3.4	2.9
3000	19.5	4	4.9
3500	25.5	5.1	5
4000	30	6.9	4.3
4500	33.5	8.7	3.9
5000	37	10.4	3.6
5500	40.5	13.3	3.0
6000	44.65	14.1	3.2



200 PIONEER

TEST DATE 12/4/24

Length	20'4"
Beam	97"
Dry Weight (Boat Only)	1,850 lbs
Maximum HP	200
Fuel Capacity	45
Weight as tested (Approximate)	2,900 lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

MERCURY 150 FOUR STROKE

Horsepower	150 HP
Displacement	3.0 L
Dry Weight (Engine)	455 lbs
Gear Ratio	1.92:1
Mounting Height	#2

PROPELLERS

Material/Blades	SS/3
Series	
Diameter/Pitch	14.75x17
Mercury Part #	

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	40° F
Elevation	1300 ft.
Wind Velocity	0-10 mph



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TEST DATE 10/29/24

Length	20'4"
Beam	97"
Dry Weight (Boat Only)	1,850 lbs
Maximum HP	200
Fuel Capacity	45
Weight as tested (Approximate)	2,950lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

YAMAHA 200 VMAX

Horsepower	200 HP
Displacement	4.2L
Dry Weight (Engine)	529 lbs
Gear Ratio	1.75:1
Mounting Height	#2

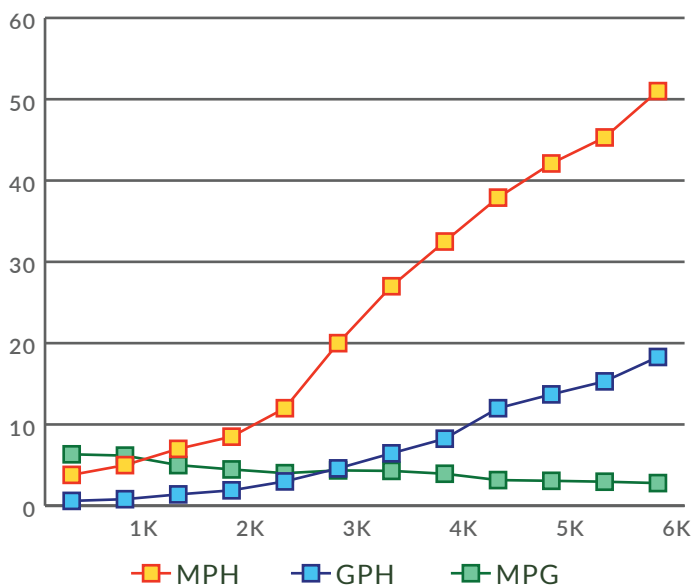
PROPELLERS

Material/Blades	SS/3
Series	Reliance
Diameter/Pitch	13x19
Yamaha Part #	68F-45972-20-00

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	54° F
Elevation	1,300 ft.
Wind Velocity	5-10 mph

RPM	MPH	GPH	MPG
500	3.8	0.6	6.33
1000	5	0.81	6.17
1500	7	1.4	5
2000	8.5	1.9	4.47
2500	12	2.99	4.01
3000	20	4.6	4.35
3500	27	6.45	4.29
4000	32.5	8.25	3.94
4500	37.9	12	3.16
5000	42.1	13.7	3.07
5500	45.3	15.3	2.96
6000	51	18.3	2.79

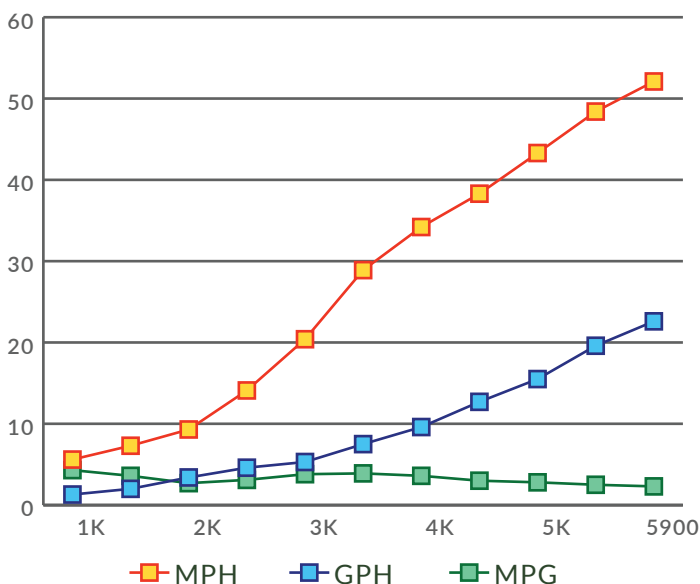


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220 Pioneer



RPM	MPH	GPH	MPG
1000	5.6	1.3	4.3
1500	7.3	2	3.6
2000	9.3	3.4	2.7
2500	14.1	4.6	3.1
3000	20.4	5.3	3.8
3500	28.9	7.5	3.9
4000	34.2	9.6	3.6
4500	38.3	12.7	3
5000	43.3	15.5	2.8
5500	48.4	19.6	2.5
5900	52.1	22.6	2.3



220 PIONEER

TEST DATE 10/29/24

Length	22'4"
Beam	97"
Dry Weight (Boat Only)	2,030 lbs
Maximum HP	250
Fuel Capacity	45
Weight as tested (Approximate)	3,200 lbs

Note: Test weight may include 1/2 tank of fuel, 1 battery, safety & test Equipment

YAMAHA 250 VMAX

Horsepower	250 HP
Displacement	4.2L
Dry Weight (Engine)	529 lbs
Gear Ratio	1.75:1
Mounting Height	#2

PROPELLERS

Material/Blades	SS/3
Series	Reliance
Diameter/Pitch	13 3/4x19
Yamaha Part #	68F-45974-20-00

TEST CONDITIONS

Number of People	2
Air Temperature (Fahrenheit)	54 F
Elevation	1,300 ft.
Wind Velocity	5-10 mph



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