



# Performance Bulletin – 200 Open Fisherman



## Hewescraft® 200 Open Fisherman

Test Date 9/14/05

Length	20'5"
Beam	86"
Dry Weight (Boat only)	1,100 lbs
Maximum HP	150
Fuel Capacity	24 gallons
Weight as tested (Approximate)	1,860 lbs.

Note: Test weight includes 2/3 tank of fuel, 1 battery, safety & test Equipment

## Yamaha F50TLR

Horsepower	50 HP
Displacement	60.8 cu. In.
Dry Weight (engine)	237 lbs
Gear Ratio	1.85
Mounting Height	#2

## Propellers

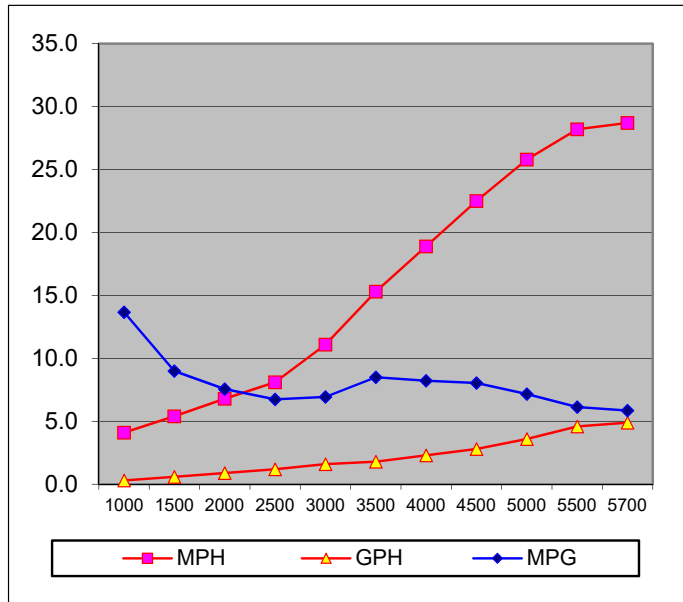
Material / Blades	Aluminum / 3 blade
Series	Aluminum
Diameter / Pitch	11 5/8 x 11
Yamaha Part #	69W-45947-00-EL

## Test Conditions

Number of People	2
Air Temperature (Fahrenheit)	43° / 47° F
Elevation (in feet above sea level)	1,300 ft.
Wind Velocity	5 - 10 mph



RPM	MPH	GPH	MPG
1000	4.1	0.3	13.67
1500	5.4	0.6	9.00
2000	6.8	0.9	7.56
2500	8.1	1.2	6.75
3000	11.1	1.6	6.94
3500	15.3	1.8	8.50
4000	18.9	2.3	8.22
4500	22.5	2.8	8.04
5000	25.8	3.6	7.17
5500	28.2	4.6	6.13
5700	28.7	4.9	5.86



Time to plane: 7.08 Seconds      Acceleration : N/A

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## Hewescraft® 200 Open Fisherman

Test Date 9/14/05

Length	20'5"
Beam	86"
Dry Weight (Boat only)	1,100 lbs
Maximum HP	150
Fuel Capacity	24 gallons
Weight as tested (Approximate)	1,884 lbs.

Note: Test weight includes 2/3 tank of fuel, 1 battery, safety & test Equipment

## Yamaha F90TLR

Horsepower	90 HP
Displacement	97 cu. in.
Dry Weight (engine)	369 lbs
Gear Ratio	2.31
Mounting Height	#2

## Propellers

Material / Blades	Aluminum / 3 blade
Series	Aluminum
Diameter / Pitch	13 x 19
Yamaha Part #	6E5-45941-00-EL

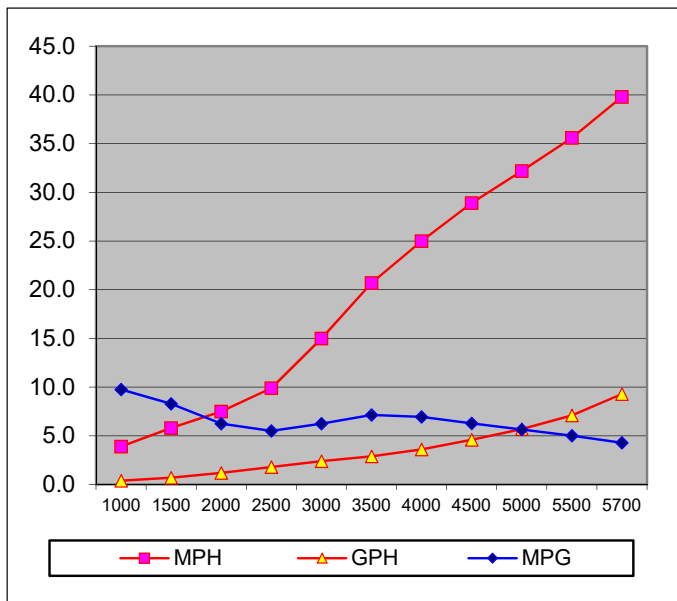
## Test Conditions

Number of People	2
Air Temperature (Fahrenheit)	54° / 48° F
Elevation (in feet above sea level)	1,300 ft.
Wind Velocity	0 - 5 mph



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RPM	MPH	GPH	MPG
1000	3.9	0.4	9.75
1500	5.8	0.7	8.29
2000	7.5	1.2	6.25
2500	9.9	1.8	5.50
3000	15.0	2.4	6.25
3500	20.7	2.9	7.14
4000	25.0	3.6	6.94
4500	28.9	4.6	6.28
5000	32.2	5.7	5.65
5500	35.6	7.1	5.01
5700	39.8	9.3	4.28



Time to plane: 3.96 Seconds

Acceleration : N/A



# Performance Bulletin – 200 Open Fisherman



## Hewescraft® 200 Open Fisherman

Test Date 10/22/08

Length	20'5"
Beam	86"
Dry Weight (Boat only)	1,100 lbs
Maximum HP	115
Fuel Capacity	24 gallons
Weight as tested (Approximate)	2,025 lbs.

Note: Test weight includes 2/3 tank of fuel, 1 battery, safety & test Equipment

## Yamaha F115TLR

Horsepower	115 HP
Displacement	106.2 cu. in.
Dry Weight (engine)	402 lbs
Gear Ratio	2.15
Mounting Height	#2

## Propellers

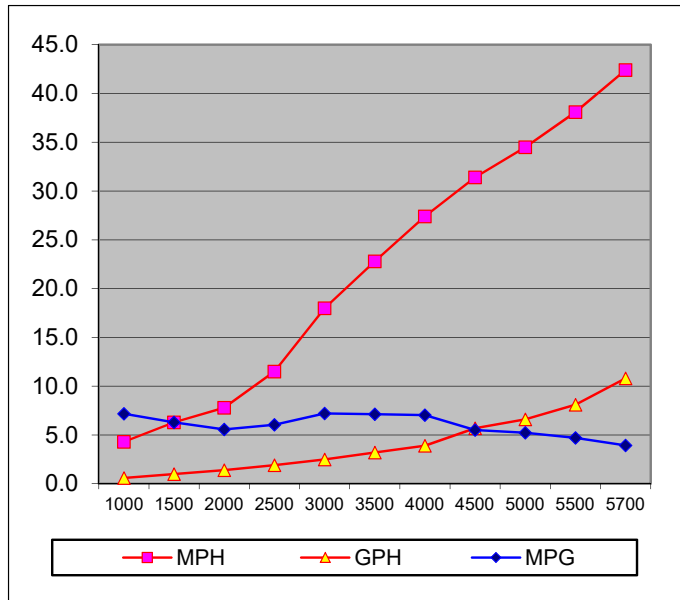
Material / Blades	Aluminum / 3 blade
Series	Aluminum
Diameter / Pitch	13 x 19
Yamaha Part #	6E5-45941-00-EL

## Test Conditions

Number of People	2
Air Temperature (Fahrenheit)	43°/ 47° F
Elevation (in feet above sea level)	1,300 ft.
Wind Velocity	0 - 5 mph



RPM	MPH	GPH	MPG
1000	4.3	0.8	7.17
1500	6.3	1.0	6.30
2000	7.8	1.4	5.57
2500	11.5	1.9	6.05
3000	18.0	2.5	7.20
3500	22.8	3.2	7.13
4000	27.4	3.9	7.03
4500	31.4	5.7	5.51
5000	34.5	6.6	5.23
5500	38.1	8.1	4.70
5700	42.4	10.8	3.93



Time to plane: 3.66 Seconds

Acceleration : N/A

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