



# PERFORMANCE BULLETIN

**Engine:** Yamaha F70LA

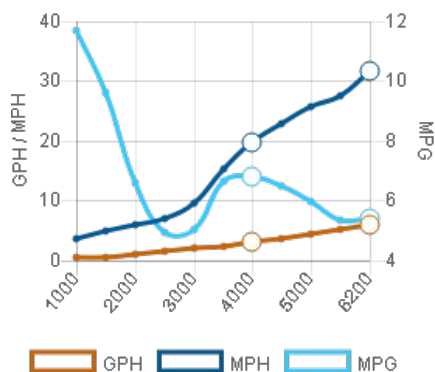
**Boat:** Zodiac® Medline 500

**Configuration:** Single

**Test Date:** 28-Aug-2014

## PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.5	0.3	11.67
1500	4.8	0.5	9.6
2000	5.9	0.9	6.56
2500	6.9	1.4	4.93
3000	9.5	1.9	5
3500	15.2	2.3	6.61
<b>4000</b>	<b>19.7</b>	<b>2.9</b>	<b>6.79</b>
4500	22.7	3.5	6.49
5000	25.6	4.3	5.95
5500	27.6	5.2	5.31
<b>6200</b>	<b>31.6</b>	<b>5.9</b>	<b>5.36</b>



Click on legend items to toggle



## NOTICE TO CONSUMER

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## ZODIAC® MEDLINE 500

Length	16' 5"
Beam	7' 4"
Dry Weight (Boat Mfr. Pub)	778 lbs
Maximum HP	80 hp
Fuel Capacity	24.00 gal
Weight as Tested	1,548 lbs

## F70LA

Horsepower	70 hp
Induction	EFI
Displacement	60.8 cu. in.
Weight (Estimated)	253 lbs
Gear Ratio	2.33

## ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	Even with Boat Bottom

## PROPELLER(S)

Series	Talon™ SDS™ Series
Diameter x Pitch	13.5" x 12"
Yamaha Part #	6EK-45945-00-00
Propeller Material	Aluminum

## TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

## COMMENTS

Test weight includes 10 gallons of fuel, 1 battery, safety and test gear.

**YPB#:** PB\_ZNA\_Medline500\_F70LA\_2014-08-28\_INF

### Boat Manufactured By:

Z Marine North America LLC  
124 Spaniel Lane • Summerville, SC  
(843) 376-3470

[www.zodiacmarineusa.com](http://www.zodiacmarineusa.com)

(<http://www.zodiacmarineusa.com>)



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# PERFORMANCE BULLETIN



YPB#: PB\_ZNA\_Medline500\_F70LA\_2014-08-28\_INF

Test Date 8/28/14



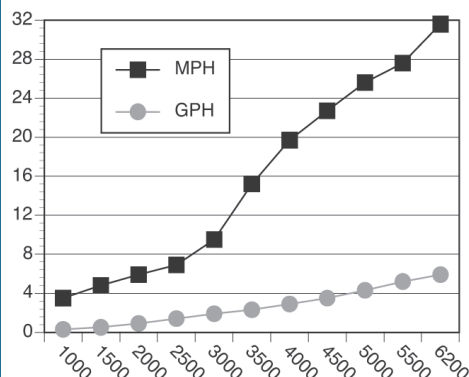
Boat Manufactured By:

Z Marine North America LLC • 124 Spaniel Lane • Summerville, SC 29483  
843-376-3470 • www.zodiacmarineusa.com

## PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.5	0.3	11.67
1500	4.8	0.5	9.60
2000	5.9	0.9	6.56
2500	6.9	1.4	4.93
3000	9.5	1.9	5.00
3500	15.2	2.3	6.61
<b>4000</b>	<b>19.7</b>	<b>2.9</b>	<b>6.79</b>
4500	22.7	3.5	6.49
5000	25.6	4.3	5.95
5500	27.6	5.2	5.31
<b>6200</b>	<b>31.6</b>	<b>5.9</b>	<b>5.36</b>

Time to Plane 3.64  
0~20 MPH 5.11



Test performed and verified by Yamaha Applications Engineers.



## Zodiac® Medline 500

Length	16' 5"
Beam	7' 4"
Dry Weight (Boat Mfr. Pub)	778 lbs
Maximum HP	80
Fuel Capacity	24 gal
Weight as Tested	1,548 lbs

## F70LA

Horsepower	70 HP
Induction	EFI
Displacement	60.8 cu in
Weight	253 lbs
Gear Ratio	2.33:1

## ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	Even with Boat Bottom

## PROPELLERS

Series	Talon™ SDS™ Series
Diameter/Pitch	13-1/2 x 12
Yamaha Part #	6EK-45945-00-00
Propeller Material	Aluminum

## TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90 / 88° F
Elevation (in feet above sea level)	Sea Level
Wind Velocity	5-10 mph

**Comments:** Test weight includes 10 gallons of fuel, 1 battery, safety and test gear.

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### For more information

Yamaha Motor Corporation, U.S.A.

OEM Division, Marine Group

1270 Chastain Road NW

Kennesaw, GA 30144 • (800) 88-YAMAHA

For other Performance Bulletins, visit [www.yamaha-motor.com](http://www.yamaha-motor.com).

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# PERFORMANCE BULLETIN

**Engine:** Yamaha F70LA

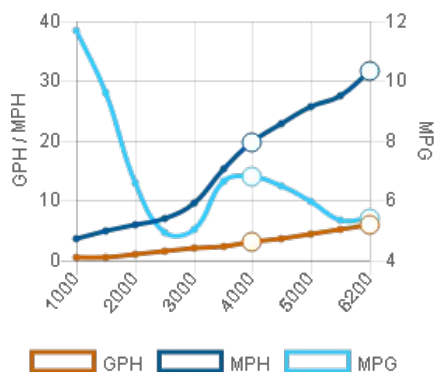
**Boat:** Zodiac® Medline 500

**Configuration:** Single

**Test Date:** 28-Aug-2014

## PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.5	0.3	11.67
1500	4.8	0.5	9.6
2000	5.9	0.9	6.56
2500	6.9	1.4	4.93
3000	9.5	1.9	5
3500	15.2	2.3	6.61
<b>4000</b>	<b>19.7</b>	<b>2.9</b>	<b>6.79</b>
4500	22.7	3.5	6.49
5000	25.6	4.3	5.95
5500	27.6	5.2	5.31
<b>6200</b>	<b>31.6</b>	<b>5.9</b>	<b>5.36</b>



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## ZODIAC® MEDLINE 500

Length	16' 5"
Beam	7' 4"
Dry Weight (Boat Mfr. Pub)	778 lbs
Maximum HP	80 hp
Fuel Capacity	24.00 gal
Weight as Tested	1,548 lbs

## F70LA

Horsepower	70 hp
Induction	EFI
Displacement	60.8 cu. in.
Weight (Estimated)	253 lbs
Gear Ratio	2.33

## ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	Even with Boat Bottom

## PROPELLER(S)

Series	Talon™ SDS™ Series
Diameter x Pitch	13.5" x 12"
Yamaha Part #	6EK-45945-00-00
Propeller Material	Aluminum

## TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

## COMMENTS

Test weight includes 10 gallons of fuel, 1 battery, safety and test gear.

**YPB#:** PB\_ZNA\_Medline500\_F70LA\_2014-08-28\_INF

### Boat Manufactured By:

Z Marine North America LLC  
124 Spaniel Lane • Summerville, SC  
(843) 376-3470

[www.zodiacmarineusa.com](http://www.zodiacmarineusa.com)

(<http://www.zodiacmarineusa.com>)





# PERFORMANCE BULLETIN

**Engine:** Yamaha F90LB

**Boat:** Zodiac® Medline 500

**Configuration:** Single

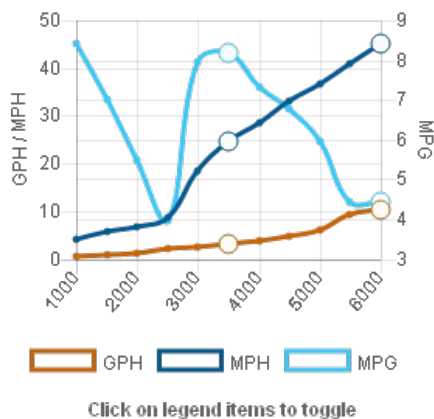
**Test Date:** 18-Oct-2017

## PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	4.2	0.5	8.40
1500	5.6	0.8	7.00
2000	6.6	1.2	5.50
2500	8.7	2.2	3.96
3000	18.3	2.3	7.96
<b>3500</b>	<b>24.5</b>	<b>3.0</b>	<b>8.17</b>
4000	28.5	3.9	7.31
4500	33.1	4.9	6.76
5000	36.8	6.2	5.94
5500	41.0	9.3	4.41
<b>6000</b>	<b>45.0</b>	<b>10.2</b>	<b>4.41</b>

Time to Plane: 2.20

0-30 MPH: 4.90



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## ZODIAC® MEDLINE 500

Length	16' 5"
Beam	7' 4"
Dry Weight (Boat Mfr. Pub)	776 lbs
Maximum HP	90 hp
Fuel Capacity	24.00 gal
Weight as Tested	1,554 lbs

## F90LB

Horsepower	90 hp
Induction	EFI
Displacement	111.8 cu in
Weight (Estimated)	353 lbs
Gear Ratio	2.15:1

## ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	1/2" Above Boat Bottom

## PROPELLER(S)

Series	Aluminum
Diameter x Pitch	13 1/4" x 17"
Yamaha Part #	6E5-45945-01-00
Propeller Material	Aluminum

## TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	73° F / 75° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

## COMMENTS

Test weight includes 1/2 tank of fuel, 1 battery, safety and test gear.

**YPB#:** PB\_ZNA\_Medline500\_F90LB\_2017-10-18\_INF

### Boat Manufactured By:

Zodiac  
124 Spaniel Lane • Summerville, SC  
(410) 643-4141

[www.zodiacmarineusa.com](http://www.zodiacmarineusa.com)

(<http://www.zodiacmarineusa.com>)



# ZODIAC

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