

BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

TEST CONDITIONS				ENGINE SPECIFICATIONS		
Test Date	11/12/09	Engine	Mercury Optimax			
Test Conductors	MS / SM	Horsepower	125			
Boat Weight as Tested (pounds)	2400 est.	Cylinders	3			
Air Temperature (degrees Fahrenheit)	45°	Gear Ratio	2.07:1			
Elevation (feet)	1107'	Model Number	125EXLPT			
Wind Velocity (MPH)	N/A	Engine Installation Height (outboard) (inches)	25"			
Fresh/Salt Water	Fresh	BOAT SPECIFICATIONS				
Fuel Level at Testing (gallons)	10					
PERFORMANCE SUMMARY				Manufacturer	Crestliner	
Top Speed (MPH@RPM)	<u>44.4@ 5680</u>	Website	www.crestliner.com			
Acceleration 0 - 20 MPH (seconds)	4.5	Boat Model	Raptor 1750 TE			
Acceleration 0 - 30 MPH (seconds)	7.3	Bottom Style/Paint	V Bottom			
PERFORMANCE CURVE 				Material	Aluminum	
				Length (feet)	17' 7 3/4"	
				Beam (feet)	8'	
				Transom Height (inches)	25"	
				Transom Angle (degrees)	14°	
				Deadrise Angle (degrees)	17°	
				Max HP Capacity	140	
				Fuel Tank Capacity (gallons)	33	
				Steering Type	Mechanical Anti Feedback	
				Dry Boat Weight (pounds)	1400	
				Mounting Bolt Hole (outboard)	#2	
				PERFORMANCE DATA		
RPM	SPEED	FUEL	FUEL	Part Number	48-77346 A45	
RANGE	MPH	GPH	MPG	Mercury Name	Black Max	
1000	4.5	4	1.1	Diameter/Pitch	13" x 19"	
2000	8.3	1.5	5.5	Number of Blades	3	
3000	20.3	3.4	6.0	Material	Aluminum	
4000	31.2	5.3	5.9			
5000	43.6	8.5	5.1			
5680	44.4	10.7	4.1			

MERCURY MARINE PO BOX 1939 FOND DU LAC, WISCONSIN 54936-1939

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TEST CONDITIONS

Test Date	10/26/09
Test Conductors	MS / KB
Boat Weight as Tested (pounds)	2430 est
Air Temperature (degrees Fahrenheit)	45°
Elevation (feet)	1107'
Wind Velocity (MPH)	N/A
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	22

ENGINE SPECIFICATIONS

Engine	115 XLPT EFI FourStroke
Horsepower	115
Cylinders	4
Gear Ratio	2.33:1

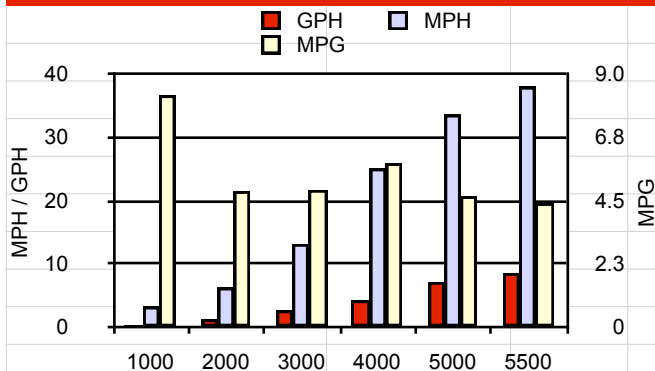
PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	42.8 @ 6000
Acceleration 0 - 20 MPH (seconds)	6.1
Acceleration 0 - 30 MPH (seconds)	9

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	Raptor 1750 TE
Bottom Style/Paint	V Bottom
Material	Aluminum
Length (feet)	17' 7 3/4"
Beam (feet)	8.0'
Transom Height (inches)	25"
Transom Angle (degrees)	14°
Deadrise Angle (degrees)	17°
Max HP Capacity	140
Fuel Tank Capacity (gallons)	33
Steering Type	Hydraulic
Dry Boat Weight (pounds)	1400
Mounting Bolt Hole (outboard)	#2

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	3.3	0.4	8.3
2000	6.3	1.3	4.8
3000	13.2	2.7	4.9
4000	25.1	4.3	5.8
5000	33.6	7.2	4.7
5500	38	8.6	4.4
6000	42.8	10.1	4.2

PROPELLER SPECIFICATIONS

Part Number	48-77346 A45
Mercury Name	Black Max
Diameter/Pitch	13" X 19"
Number of Blades	3
Material	Aluminum

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TEST CONDITIONS

Test Date	11/3/09
Test Conductors	MS / KB
Boat Weight as Tested (pounds)	2405 est.
Air Temperature (degrees Fahrenheit)	43°
Elevation (feet)	1107'
Wind Velocity (MPH)	N/A
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	22

ENGINE SPECIFICATIONS

Engine	Mercury Optimax
Horsepower	90
Cylinders	3
Gear Ratio	2.33:1
Model Number	90EXLPT
Engine Installation Height (outboard) (inches)	25"

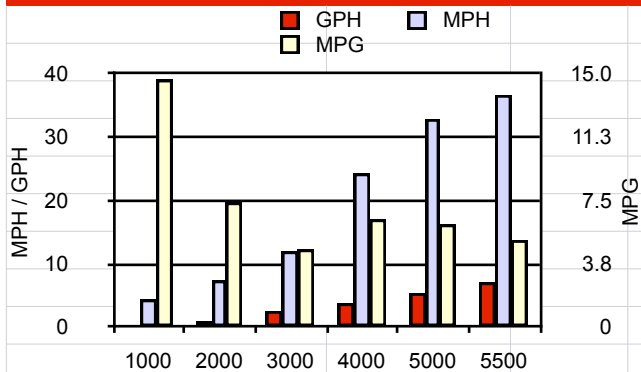
PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	38.4 @ 5750
Acceleration 0 - 20 MPH (seconds)	5.2
Acceleration 0 - 30 MPH (seconds)	7.9

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	Raptor 1750 TE
Bottom Style/Paint	V Bottom
Material	Aluminum
Length (feet)	17' 7 3/4"
Beam (feet)	8'
Transom Height (inches)	25"
Transom Angle (degrees)	14°
Deadrise Angle (degrees)	17°
Max HP Capacity	140
Fuel Tank Capacity (gallons)	33
Steering Type	Hydraulic
Dry Boat Weight (pounds)	1400
Mounting Bolt Hole (outboard)	#2

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	4.4	0.3	14.7
2000	7.4	1	7.4
3000	12	2.6	4.6
4000	24.3	3.8	6.4
5000	32.9	5.4	6.1
5500	36.7	7.1	5.2
5750	38.4	8.1	4.7

PROPELLER SPECIFICATIONS

Part Number	48-77344 A45
Mercury Name	Black Max
Diameter/Pitch	13.250" X 17"
Number of Blades	3
Material	Aluminum

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TEST CONDITIONS

Test Date	5/28/08
Test Conductors	JO/MS
Boat Weight as Tested (pounds)	N/A
Air Temperature (degrees Fahrenheit)	62
Elevation (feet)	1080
Wind Velocity (MPH)	calm
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	1/3 Tank

ENGINE SPECIFICATIONS

Engine	175XL Verado
Horsepower	175
Cylinders	4
Gear Ratio	2.08:1
Model Number	1175V23ED
Engine Installation Height (outboard) (inches)	25

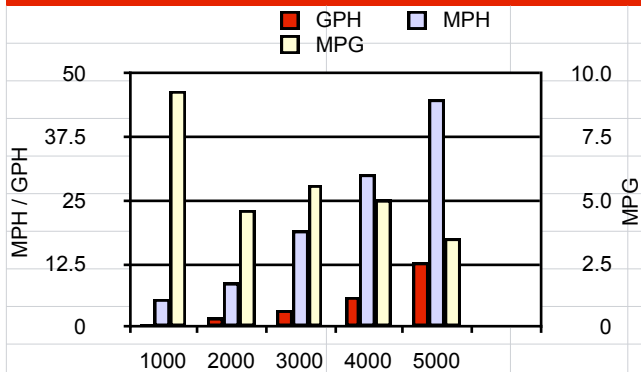
PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	53.4 @ 5940
Acceleration 0 - 20 MPH (seconds)	4.8
Acceleration 0 - 30 MPH (seconds)	6.5

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	1850 Raptor CE
Bottom Style/Paint	V
Material	Aluminum
Length (feet)	18'7.75"
Beam (feet)	96"
Transom Height (inches)	25"
Transom Angle (degrees)	14
Deadrise Angle (degrees)	17
Max HP Capacity	175
Fuel Tank Capacity (gallons)	33
Steering Type	Hydraulic
Dry Boat Weight (pounds)	1470
X-Dimension (MerCruiser)	N/A
Mounting Bolt Hole (outboard)	2nd Hole

PERFORMANCE CURVE



PROPELLER SPECIFICATIONS

Part Number	48-825862A47
Mercury Name	Tempest
Diameter/Pitch	14 5/8 X 21P
Number of Blades	3
Material	Stainless Steel

PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	5.6	0.6	9.3
2000	8.8	1.9	4.6
3000	19.1	3.4	5.6
4000	30.2	6	5.0
5000	45	12.8	3.5

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TEST CONDITIONS

Test Date	5/26/10
Test Conductors	MS / KK
Boat Weight as Tested (pounds)	2625 est.
Air Temperature (degrees Fahrenheit)	70
Elevation (feet)	1283
Wind Velocity (MPH)	0-5
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	15

ENGINE SPECIFICATIONS

Engine	Mercury Optimax
Horsepower	150
Cylinders	6
Gear Ratio	1.87:1
Model Number	150XL
Engine Installation Height (outboard) (inches)	25

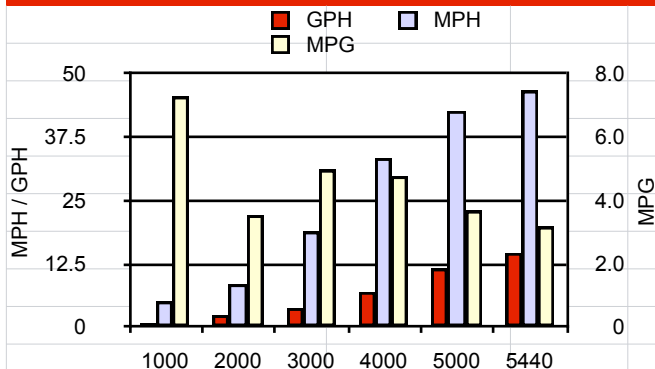
PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	46.7 @ 5440
Acceleration 0 - 20 MPH (seconds)	4.3
Acceleration 0 - 30 MPH (seconds)	6.5

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	1850 Raptor TE WT
Bottom Style/Paint	Deep V
Material	Aluminum
Length (feet)	18.975
Beam (inches)	96
Transom Height (inches)	25
Transom Angle (degrees)	14
Deadrise Angle (degrees)	17
Max HP Capacity	175
Fuel Tank Capacity (gallons)	33
Steering Type	Hydraulic
Dry Boat Weight (pounds)	1470
Mounting Bolt Hole (outboard)	#2

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	5.1	0.7	7.3
2000	8.5	2.4	3.5
3000	18.9	3.8	5.0
4000	33.4	7	4.8
5000	42.7	11.6	3.7
5440	46.7	14.7	3.2

PROPELLER SPECIFICATIONS

Part Number	48-825860A47
Mercury Name	Tempest
Diameter/Pitch	14 5/8 X 19
Number of Blades	3
Material	Stainless Steel

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TEST CONDITIONS

Test Date	5/28/08
Test Conductors	JO/MS
Boat Weight as Tested (pounds)	N/A
Air Temperature (degrees Fahrenheit)	62
Elevation (feet)	1080
Wind Velocity (MPH)	calm
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	3/4 tank

ENGINE SPECIFICATIONS

Engine	175XL OPT
Horsepower	175
Cylinders	6
Gear Ratio	1.87:1
Model Number	1175D83HY
Engine Installation Height (outboard) (inches)	25

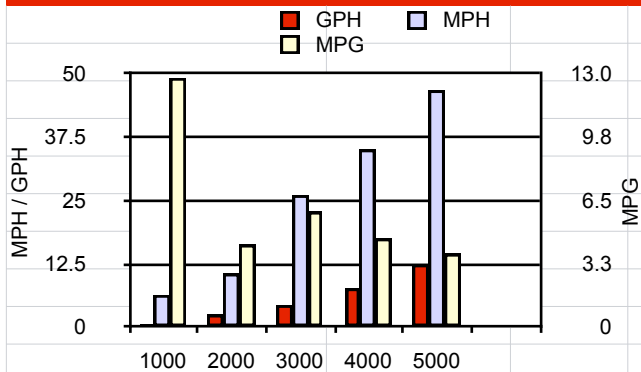
PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	51.8 @ 5650
Acceleration 0 - 20 MPH (seconds)	3.7
Acceleration 0 - 30 MPH (seconds)	5.2

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	1850 Raptor TE
Bottom Style/Paint	V
Material	Aluminum
Length (feet)	18'7.75"
Beam (feet)	96"
Transom Height (inches)	25"
Transom Angle (degrees)	14
Deadrise Angle (degrees)	17
Max HP Capacity	175
Fuel Tank Capacity (gallons)	33
Steering Type	Hydraulic
Dry Boat Weight (pounds)	1470
X-Dimension (MerCruiser)	N/A
Mounting Bolt Hole (outboard)	2nd Hole

PERFORMANCE CURVE



PROPELLER SPECIFICATIONS

Part Number	48-898998A46
Mercury Name	Enertia
Diameter/Pitch	14 X 19P
Number of Blades	3
Material	Stainless Steel

PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	6.4	0.5	12.8
2000	10.6	2.5	4.2
3000	26.1	4.4	5.9
4000	35.1	7.7	4.6
5000	46.8	12.4	3.8

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