

PERFORMANCE BULLETIN



YPB#: PB_ZNA_Pro850Optimum_t_F250XCA_2016-02-15_INF

Test Date 2/15/16



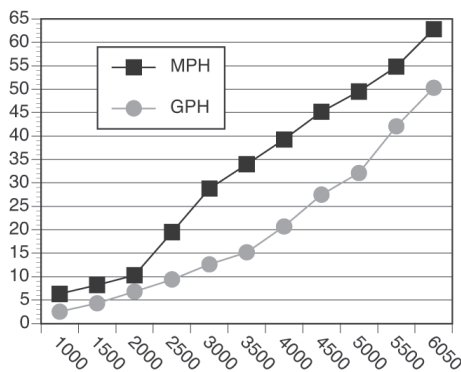
Boat Manufactured By:

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

PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.3	2.5	2.52
1500	8.2	4.3	1.91
2000	10.3	6.8	1.52
2500	19.5	9.4	2.08
3000	28.8	12.6	2.29
3500	34.0	15.2	2.24
4000	39.3	20.7	1.90
4500	45.2	27.5	1.64
5000	49.5	32.1	1.54
5500	54.8	42.1	1.30
6050	62.8	50.3	1.25

Time to Plane 2.88
0~30 MPH 3.90



Test performed and verified by Yamaha Applications Engineers.



Zodiac® Pro 850 Optimum

Length	27' 11"
Beam	9' 10"
Dry Weight (Boat Mfr. Pub)	4,200 lbs
Maximum HP	500
Fuel Capacity	150 gal
Weight as Tested	6,234 lbs

F250XCA / LF250XCA

Horsepower	250 HP
Induction	EFI
Displacement	4.2 L
Weight	562 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3
Ventilation Plate Height	2" Above Boat Bottom

PROPELLERS

Series	Saltwater Series II™
Diameter/Pitch	15-1/4 x 19
Yamaha Part #	6CE-45970-00-00 / 6CF-45970-00-00
Propeller Material	Polished Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	60 / 70° F
Elevation (in feet above sea level)	Sea Level
Wind Velocity	10-15 mph

Comments: Test weight includes 50 gallons of fuel, 3 batteries, hard top, safety and test gear.

Notice to Consumer: The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerMatched components. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.

For more information

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