

# Yamaha Performance Bulletin

YPB#: PB\_RNG\_Z520\_VF250LA\_9-9-09\_BSS

Test Date:

9/9/09



## Ranger® Z520®

Length	20' 9"
Beam	8' 1/2"
Dry Weight (Boat Mfr. Published)	1,825 lbs.
Maximum HP	250 hp
Fuel Capacity	52 gals.
Weight as Tested (Approximate)	3,232 lbs.

**Ranger**  
BOATS

Boat Manufactured By:  
Ranger Boats • P.O. Box 179 • Flippin, AR 72634  
870-453-2222 • www.rangerboats.com

## Yamaha VF250LA

Horsepower	250
Displacement	254 cu. in.
Weight (Catalog Published)	505 lbs.
Gear Ratio	1.75

## Engine Mounting Height

Mounting Hole Position	#3
Anti-Ventilation Plate Height	7-1/2" Above Bottom

## Propeller

Series	VMAX Series
Diameter/Pitch	15-1/8 x 25
Yamaha Part #	6CB-45972-20-00
Propeller Material	Polished Stainless Steel

## Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	85° / 83°
Elevation	594'
Wind Velocity	0-5 MPH

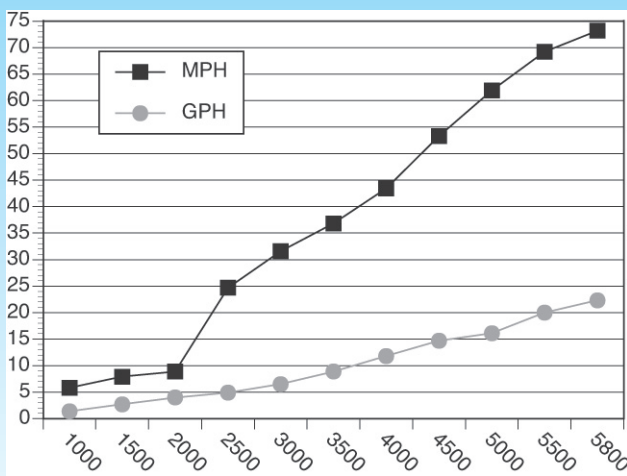
**Comments:** Test weight includes 39 gallons of fuel, three batteries, bow-mounted trolling motor, 3-bank battery charger, 8" jack plate, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-30 speed data gathered with aftermarket speedometer. Other speed data gathered with GPS receiver.

**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 of their products are for identification purposes only, and are not intended to be an endorsement.

## Performance Data

RPM	MPH	GPH	MPG
1000	5.8	1.4	4.14
1500	7.9	2.7	2.93
2000	8.9	4.0	2.23
<b>2500</b>	<b>24.7</b>	<b>4.9</b>	<b>5.04</b>
3000	31.6	6.5	4.86
3500	36.8	8.9	4.14
4000	43.4	11.8	3.68
4500	53.3	14.7	3.63
5000	61.9	16.1	3.85
5500	69.2	20.0	3.46
<b>5800</b>	<b>73.2</b>	<b>22.3</b>	<b>3.28</b>

Seconds to Plane **4.10**  
Seconds 0-30 MPH **5.62**



Test performed and verified by Yamaha Application Engineers.

### For More Information:

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

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