PERFORMANCE BULLETIN

Boat Manufactured By:

P.O. Box 179 • Flippin, AR 72634
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RANGER Z520

Length	20' 11"
Beam	8' 0"
Dry Weight (Boat Mfr. Pub)	1,850 lbs
Maximum HP	250 hp
Fuel Capacity	54 gal
Weight as Tested	2,887 lbs

VF250LB

Horsepower	250 hp
Induction	EFI/VCT/DOHC
Displacement	4.2L
Weight (Estimated)	567 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#4
Ventilation Plate Height	4 1/2" Above Boat Bottom

PROPELLER(S)

Series	VMAX SHO T2
Diameter x Pitch	15-1/8 x 24
Yamaha Part #	6CB-45930-11-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	53° F / 65° F
Elevation (in feet above sea level)	650'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 40 gallons of fuel, 4 batteries, 2 people, 36 volt trolling motor, charger, 10" hydralic jackplate, 2/8 ft. blade power poles, safety and test equipment.

YPB#: PB_RNG_Z520_VF250LB_10-17-24_BSS

Engine: *Yamaha VF250LB*

Boat: *Ranger Z520*

Configuration: *Single*

Test Date: *17-Oct-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.5	1.4	3.88
1500	7.3	2.7	2.69
2000	8.4	4.2	2.00
2500	10.0	6.8	1.48
3000	**27.7**	**6.4**	**4.34**
3500	36.6	9.7	3.78
4000	43.0	12.6	3.42
4500	49.9	15.5	3.21
5000	57.3	17.1	3.35
5500	65.9	21.9	3.01
5950	**70.0**	**23.4**	**2.99**

**Time to Plane: 4.80 seconds
 0-20 MPH: 5.07 seconds**

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.