

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1169  
ENGINE 1: E250LH

BOAT TYPE: Bass

DATE OF TEST: 7/16/2015



BRP US, Inc.  
10101 Science Drive  
Sturtevant, WI 52177  
[www.evinrude.com](http://www.evinrude.com)



Ranger Boats  
96 Ranger Rd.  
Flippin, AR 72634  
870-453-2222  
[www.rangerboats.com](http://www.rangerboats.com)

2016 Ranger Z520c

BOAT	
2016 Ranger Z520c	
Material	Fiberglass
Length	20' 9"
Beam	95"
Weight w/o Engine	1825 LBS
Maximum HP	250 HP
Fuel Capacity	45 Gallons
Transom Height	20"
Steering	DPS

ENGINE	
Evinrude® E-TEC® G2™ 250 H.O.	
Engine Type	74° V-6
Horsepower	250 H.O.
Displacement	210 cu in / 3.4L
Induction	E-TEC DI
Operating Range	5400-6000 RPM
Weight	545 LBS Dry Weight
Gear Ratio	1.85:1

PROPELLER	
Raker HO™	
Material	Stainless
Diameter/Pitch	14.5" X 26"
No. of Blades	3
Part Number	177306
Prop Vent Hole	Closed

MOUNTING HEIGHT	
Hole Position	#1
Jack Plate	Yes
AV Mounting	Hydraulic

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.65	0.20	13.25	537
1000	5.35	0.70	7.64	310
1500	7.25	3.00	2.42	98
2000	10.55	5.35	1.97	80
2500	26.85	5.45	4.93	200
3000	33.65	6.70	5.02	203
3500	39.65	8.25	4.81	195
4000	47.65	10.75	4.43	180
4500	57.00	13.35	4.27	173
5000	65.10	16.90	3.85	156
5500	72.00	21.80	3.30	134
5800	72.55	21.80	3.33	135

TEST CONDITIONS	
Water Conditions	Calm
Wind Velocity	5-10 MPH MPH
Air Temperature	96 Degrees° F
Fuel Load	3/4 full Gallons
Weight	1 Person, Trolling Motor and 4 Batteries

PERFORMANCE SUMMARY	
Top Speed	72.6 MPH
Best Fuel Efficiency	5.02 MPG For 203 Miles @ 33.65 MPH
Acceleration	3.8 seconds to plane

Fuel Data Range (Miles) Based On 90% Fuel Capacity



NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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