

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1214  
ENGINE 1: E250LH

BOAT TYPE: Bass

DATE OF TEST: 6/17/2016



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



Ranger Boats  
P.O. Box 179  
Flippin, AR 72634  
870 453-2222  
[www.rangerboats.com](http://www.rangerboats.com)

2016 Ranger Z521c

BOAT	
2016 Ranger Z521c	
Material	Fiberglass
Length	21' 3"
Beam	95"
Weight w/o Engine	1925 LBS
Maximum HP	300 HP
Fuel Capacity	52 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® D.I.
Operating Range	5400 to 6000 RPM
Weight	537 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	NA
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	Yes
AV Mounting	0

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.40	0.30	8.00	374
1000	5.10	0.80	6.38	298
1500	6.45	2.90	2.22	104
2000	8.25	6.60	1.25	59
2500	26.80	5.25	5.10	239
3000	32.55	6.50	5.01	234
3500	37.25	8.25	4.52	211
4000	42.60	10.45	4.08	191
4500	49.45	12.55	3.94	184
5000	57.10	15.35	3.72	174
5400	66.25	18.95	3.50	164
5750	70.40	21.70	3.24	152

TEST CONDITIONS	
Water Conditions	Light Chop
Wind Velocity	0-5 MPH
Air Temperature	71° F
Fuel Load	35 Gallons
Weight	1 Adult/safety equipment/test gear/3 batteries/trolling motor

PERFORMANCE SUMMARY	
Top Speed	70.4 MPH
Best Fuel Efficiency	5.01 MPG For 234 Miles @ 32.55 MPH
Acceleration	4.3 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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