

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: 1173
ENGINE 1: E300LU

BOAT TYPE: Bass

DATE OF TEST: 7/17/2015



BRP US, Inc.
10101 Science Drive
Sturtevant, WI 52177
www.evinrude.com



Ranger Boats
96 Ranger Rd.
Flippin, AR 72634
870-453-2222
www.rangerboats.com

2016 Ranger Z522D

BOAT	
2016 Ranger Z522D	
Material	Fiberglass
Length	22' 7"
Beam	100.5"
Weight w/o Engine	2250 LBS
Maximum HP	300 HP
Fuel Capacity	56 Gallons
Transom Height	25"
Steering	DPS

ENGINE	
Evinrude® E-TEC® G2™ 300 HP	
Engine Type	74° V-6
Horsepower	300
Displacement	210 cu in / 3.4L
Induction	E-TEC D.I.
Operating Range	5400-6000 RPM
Weight	569 LBS Dry Weight
Gear Ratio	1.85:1

PROPELLER	
Raker HO™	
Material	Stainless
Diameter/Pitch	14.5" X 22"
No. of Blades	3
Part Number	177304
Prop Vent Hole	Closed
MOUNTING HEIGHT	
Hole Position	#1
Jack Plate	Yes
AV Mounting	Hydraulic

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.75	0.20	13.75	693
1000	5.35	0.70	7.64	385
1500	7.10	1.70	4.18	210
2000	7.95	4.25	1.87	94
2500	10.00	5.20	1.92	97
3000	15.85	6.15	2.58	130
3500	29.35	7.60	3.86	195
4000	37.60	10.05	3.74	189
4500	43.35	11.90	3.64	184
5000	49.55	15.00	3.30	166
5500	55.70	17.55	3.17	160
6000	62.45	23.10	2.70	136

TEST CONDITIONS	
Water Conditions	Lite Chop
Wind Velocity	5 - 10 MPH
Air Temperature	94° F
Fuel Load	35 Gallons
Weight	1 Person, Trolling Motor and 4 Batteries

PERFORMANCE SUMMARY	
Top Speed	62.5 MPH
Best Fuel Efficiency	3.86 MPG For 195 Miles @ 29.35 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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