

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: ENGINE 1: C150AXCA Engine 2: C150AXHA **BOAT TYPE:** Pontoon **DATE OF TEST:** 7/30/2017



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

Manitou® PONTOON BOATS

Triton Industries
16020 S. Lowell Road
Lansing, MI 48906
1-800-999-9788
www.manitoupontoonboats.com

2018 Manitou 23 Encore SHP

BOAT	
2018 Manitou 23 Encore SHP	
Material	Aluminum
Length	24' 4"
Beam	8' 6"
Weight w/o Engine	4070 LBS
Maximum HP	300 HP
Fuel Capacity	90 Gallons
Transom Height	25"
Steering	I Dock

ENGINE	
Twin Evinrude 150 HO's	
Engine Type	66° V-6
Horsepower	150 H.O.
Displacement	2.7 Litre
Induction	ETEC DI
Operating Range	5400-6000 RPM
Weight	507 LBS Dry Weight
Gear Ratio	2.17:1

PROPELLER	
BRP Rebel™	
Material	Stainless
Diameter/Pitch	14 7/8" X 22"
No. of Blades	3
Part Number	763996/763997
Prop Vent Hole	NA
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	No
AV Mounting	0

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.50	0.40	6.25	506
1000	5.00	1.10	4.55	368
1500	7.00	2.20	3.18	258
2000	9.00	4.05	2.22	180
2500	18.00	6.25	2.88	233
3000	24.00	8.60	2.79	226
3500	30.50	10.75	2.84	230
4000	37.50	14.85	2.53	205
4500	43.00	18.55	2.32	188
5000	48.00	22.20	2.16	175
5300	52.00	24.10	2.16	175

TEST CONDITIONS	
Water Conditions	Medium Chop
Wind Velocity	10 MPH
Air Temperature	85° F
Fuel Load	75 Gallons
Weight	2 Men Plus Test Gear

PERFORMANCE SUMMARY	
Top Speed	52 MPH
Best Fuel Efficiency	2.84 MPG For 230 Miles @ 30.50 MPH
Acceleration	3.5 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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