

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: 1223
ENGINE 1: C150FXH

BOAT TYPE: Offshore

DATE OF TEST: 6/17/2016



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2016 TIDEWATER 220 CC

BOAT

2016 TIDEWATER 220 CC

Material	Fiberglass
Length	22' 2"
Beam	8' 10"
Weight w/o Engine	2700 LBS
Maximum HP	250 HP
Fuel Capacity	71 Gallons
Transom Height	25"
Steering	DPS

ENGINE

Evinrude® E-TEC® G2™ 150 H.O.

Engine Type	66° V-6
Horsepower	150 H.O.
Displacement	167 cu in / 2.7L
Induction	E-TEC® D.I.
Operating Range	5000 to 6000 RPM
Weight	541 LBS Dry Weight
Gear Ratio	2.17:1

PROPELLER

Rebel™

Material	Stainless
Diameter/Pitch	15.5"/17"
No. of Blades	3
Part Number	763986
Prop Vent Hole	NA

MOUNTING HEIGHT

Hole Position	#3
Jack Plate	No
AV Mounting	0

PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
500	2.55	0.10	25.50	1629
1000	4.40	0.50	8.80	562
1500	6.05	1.00	6.05	387
2000	6.70	1.80	3.72	238
2500	8.35	3.15	2.65	169
3000	15.80	3.95	4.00	256
3500	22.60	5.00	4.52	289
4000	27.50	6.10	4.51	288
4500	32.60	7.95	4.10	262
5000	36.00	9.40	3.83	245
5700	42.10	12.20	3.45	221

TEST CONDITIONS

Water Conditions	Moderate Chop
Wind Velocity	not available
Air Temperature	85° F
Fuel Load	6 Gallons
Weight	1 Adult/safety gear

PERFORMANCE SUMMARY

Top Speed	42.1 MPH
Best Fuel Efficiency	4.52 MPG For 289 Miles @ 22.60 MPH
Acceleration	4 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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