

BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

TEST CONDITIONS

Test Date	9/17/2019
Test Conductor	PTrapp
Test Location	Tellico Lake, TN, USA
Air Temperature (degrees F)	94
Elevation (ft)	814.0
Sea State (calm / smooth / slight / moderate)	Slight
Wind Velocity range (mph)	6.0
Fresh/Salt Water	Fresh water
Boat Weight as Tested (lbs)	3698.0
Fuel Level at Testing (gal)	15.0

English
Units

ENGINE SPECIFICATIONS

Number of Engines	1
Engine	150 FourStroke Outboard
Horsepower	150 (SN 2B663599)
Cylinders	4
Full Throttle RPM	5000-5800
Drive or gear model and ratio	1.92:1
Hole	2
Height	
Setback	0
Length (inches)	25 (XL)

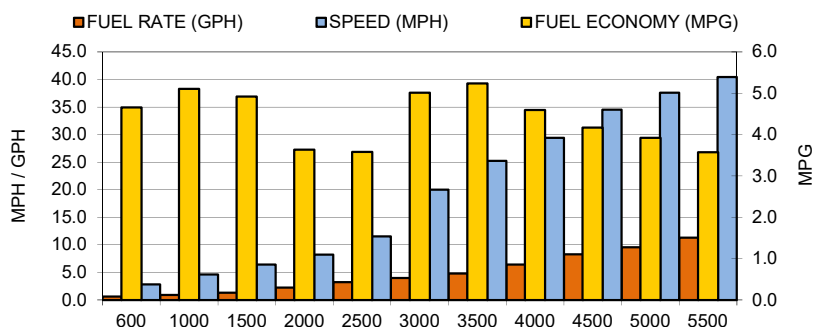
PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	42.2	5,800
Acceleration 0 - 20 mph (seconds)	4.77	
Acceleration 0 - 30 mph (seconds)	7.54	
Best Fuel Econ Off Idle (mpg @ rpm)	5.2	3500

PROPELLER SPECIFICATIONS

Mercury Name / Part Number	Black Max / 78116A45
Material	Aluminum
Diameter/Pitch	15.5 / 15
Number of Blades	3
Hub Type	SSR

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL RATE	FUEL ECONOMY	RANGE
RANGE	(MPH)	(GPH)	(MPG)	(MI)
600	2.8	0.6	4.7	153.8
1000	4.6	0.9	5.1	168.6
1500	6.4	1.3	4.9	162.4
2000	8.2	2.3	3.6	120.1
2500	11.6	3.2	3.6	118.1
3000	20.0	4.0	5.0	165.5
3500	25.2	4.8	5.2	172.8
4000	29.4	6.4	4.6	151.5
4500	34.5	8.3	4.2	137.5
5000	37.6	9.6	3.9	129.5
5500	40.5	11.3	3.6	118.1
5800	42.2	13.7	3.1	102.0

BOAT SPECIFICATIONS

Region/s sold	International
Manufacturer	Bayliner
Website	https://bayliner.com/models/bowrider-series/vr5-bowrider/
Boat Model	VR5
Boat Type	Bowrider
HIN Tested (if available)	US-BLBX1441G920 7021
Material	Fiberglass
Length (ft)	20' 4"
Beam (ft)	8' 0"
Max hp Capacity	200
Fuel Tank Capacity (g)	33.0
Steering Type	Hydraulic
Dry Boat Weight (lb)	3342.0

