BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
65.7 mph/6274 rpm

Acceleration
0 - 20 mph (seconds)
4.5

Acceleration
0 - 30 mph (seconds)
7.1



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 21, 2019	88	Calm	5	Saltwater

ENGINE

Number of Engines	3
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Camber 1.6
Engine Height (in)	2.5, 5.5, 2.5
Engine Setback (in)	31, 33, 31
Engine Length (in)	20, 20, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	19, 19, 19
Number of Blades	4

BOAT

Boat Brand	Boston Whaler
Boat Model	350 Realm
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	35
Beam (ft)	10.9
Fuel Tank Capacity (gal)	385
Steering Type	Joystick
Dry Boat Weight (lbs)	13,600

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	4.1	2.9	1.4	544
1000	3.8	5.3	0.7	277
1500	9.2	9.2	1	385
2000	10.4	15.5	0.7	259
2500	12.6	23.7	0.5	204
3000	23.3	28.8	0.8	312
3500	32.8	33.1	1	381
4000	38.8	38.8	1	386
4500	45.7	51.1	0.9	344
5000	51.6	68.1	0.8	292
5500	56.9	89.2	0.6	246
6000	62.6	114.3	0.5	211
6274	65.7	129.7	0.5	198

