BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
56.7 mph/6406 rpm

Acceleration
0 - 20 mph (seconds)
4

Acceleration
0 - 30 mph (seconds)
6.3



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
December 12, 2019	70	Calm	5	Saltwater

ENGINE

Number of Engines	1
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Straight 1.6
Engine Length (in)	30

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	17
Number of Blades	4

BOAT

Boat Brand	Boston Whaler
Boat Model	270 Dauntless
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	27.3
Beam (ft)	9
Fuel Tank Capacity (gal)	152
Steering Type	Power Steering
Dry Boat Weight (lbs)	5,600

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.4	0.8	4.3	650
1000	5.6	1.7	3.3	508
1500	7.9	3	2.6	400
2000	9.1	4.7	1.9	294
2500	12.6	6.7	1.9	285
3000	17.8	8.5	2.1	317
3500	26.3	10.7	2.5	376
4000	32.1	12.7	2.5	384
4500	38	16.5	2.3	350
5000	42.7	22.3	1.9	291
5500	48.2	29.9	1.6	245
6000	53	41.1	1.3	196
6400	56.6	43.7	1.3	197

