BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
62 mph/6395 rpm

Acceleration
0 - 20 mph (seconds)
4.84

Acceleration
0 - 30 mph (seconds)
7.55



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
September 27, 2021	90	Calm	10	Saltwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	1.0, 1.0, 1.0
Engine Setback (in)	17, 18, 17
Engine Length (in)	25, 35, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	27.5, 27.5, 27.5
Number of Blades	4/3

BOAT

Boat Brand	Boston Whaler
Boat Model	405 Conquest
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	41
Beam (ft)	11.5
Fuel Tank Capacity (gal)	660
Steering Type	Joystick
Dry Boat Weight (lbs)	24,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	4.3	4.1	1.1	698
1000	5.8	6.5	0.9	587
1500	8	10	0.8	529
2000	9.9	15.7	0.6	415
2500	11.2	23.6	0.5	312
3000	21.8	41.6	0.5	346
3500	29.9	49.9	0.6	395
4000	37	57.5	0.6	425
4500	42.7	69.9	0.6	404
5000	47.6	83.7	0.6	375
5500	53.8	114.7	0.5	310
6000	58.4	138.6	0.4	278
6395	62	152.3	0.4	269

