BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
56.7 mph/6407 rpm

Acceleration
0 - 20 mph (seconds)
5.98

Acceleration
0 - 30 mph (seconds)
9.15



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 23, 2024	70	Calm	10	Freshwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	1.8, 1.0, 1.8
Engine Setback (in)	17.5, 17.5, 17.5
Engine Length (in)	25, 35, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	27.0, 27.0, 27.0
Number of Blades	4/3

BOAT

Boat Brand	Regal
Boat Model	50 SAV
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	47.8
Beam (ft)	14.8
Fuel Tank Capacity (gal)	632
Steering Type	Joystick
Dry Boat Weight (lbs)	30,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	3.6	4.4	0.8	517
1000	4.8	6.4	0.7	473
1500	7	8.7	0.8	508
2000	8.3	14.4	0.6	364
2500	16.1	30.6	0.5	333
3000	21.4	39.1	0.5	345
3500	27.2	48.7	0.6	353
4000	33.4	58.1	0.6	363
4500	39.8	75.6	0.5	332
5000	45.5	90.7	0.5	317
5500	51.4	130.3	0.4	248
6000	55.4	154.8	0.4	226
6400	56.7	163.7	0.3	218

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