BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
61.9 mph/6410 rpm

Acceleration
0 - 20 mph (seconds)
6.1

Acceleration
0 - 30 mph (seconds)
9.76



Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 20, 2021	23,800	70	75	Calm	5	Freshwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	5.0, 5.0
Engine Setback (in)	41.0, 41.0
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	29.0, 29.0
Number of Blades	4/3

BOAT

Boat Brand	Scout
Boat Model	425 LXF
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	42.1
Beam (ft)	13.1
Fuel Tank Capacity (gal)	500
Steering Type	Joystick
Dry Boat Weight (lbs)	19,400

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	3	2.5	1.2	600
1000	4.6	3.7	1.2	620
1500	6.9	6.9	1	497
2000	9	10.9	0.8	411
2500	10.1	16.6	0.6	306
3000	20	31	0.6	322
3500	26	39.1	0.7	332
4000	34.3	45.6	0.8	376
4500	41.3	53.2	0.8	388
5000	46.5	60.9	0.8	382
5500	52.2	83.1	0.6	314
6000	57	101.9	0.6	280
6410	61.9	101	0.6	306

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