BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
63.4 mph/6331 rpm

Acceleration
0 - 20 mph (seconds)
6.37

Acceleration
0 - 30 mph (seconds)
9.37



Test Date	Air Temperature (˚F)	Sea State	Fresh/Salt Water
September 17, 2021	90	Calm	Saltwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	2.1, 2.1
Engine Setback (in)	39.8, 39.8
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	Solace
Boat Model	41 CS
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	41
Beam (ft)	12.25
Fuel Tank Capacity (gal)	525
Steering Type	Power Steering
Dry Boat Weight (lbs)	20,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	4	4	1	523
1000	5.5	4.3	1.3	668
1500	8.1	6.9	1.2	622
2000	9.6	11	0.9	455
2500	10.2	17	0.6	316
3000	16.1	28.8	0.6	293
3500	30.2	34.1	0.9	465
4000	36	40.2	0.9	470
4500	43.8	49.6	0.9	463
5000	47.7	57.5	0.8	435
5500	55.8	76.9	0.7	381
6000	59.4	92.8	0.6	336
6400	62.1	99.1	0.6	329

