BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
70.7 mph/6294 rpm

Acceleration
0 - 20 mph (seconds)
7.08

Acceleration
0 - 30 mph (seconds)
11.61



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 10, 2023	72	Calm	10	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)	4.5, 4.5
Engine Setback (in)	20.0, 20.0
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	33.0, 33.0
Number of Blades	4/3

BOAT

Boat Brand	Costa
Boat Model	34
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	34.9
Beam (ft)	11.8
Fuel Tank Capacity (gal)	500
Steering Type	Joystick
Dry Boat Weight (lbs)	11,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
1000	5.3	4.3	1.2	600
1500	7.6	6.8	1.1	550
2000	9.3	11.8	0.8	400
2500	10.4	18.3	0.6	300
3000	25.1	31.9	0.8	400
3500	33.4	35.6	0.9	450
4000	41.4	43.6	0.9	450
4500	49.7	55.1	0.9	450
5000	55.5	61.8	0.9	450
5500	61.5	80.2	0.8	400
6000	68.2	98.8	0.7	350
6294	70.7	115	0.6	300

