BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
57.9 mph/6350 rpm

Acceleration
0 - 20 mph (seconds)
6.48

Acceleration
0 - 30 mph (seconds)
10.51

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 13, 2022	85	75	Calm	5	Freshwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	3.5, 3.5
Engine Setback (in)	10.0, 10.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	23.0, 23.0
Number of Blades	4

BOAT

Boat Brand	Tiara
Boat Model	34LS
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	34
Beam (ft)	11
Fuel Tank Capacity (gal)	200
Steering Type	Joystick
Dry Boat Weight (lbs)	13,600

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
650	4.4	2	2.2	439
1000	6.2	3.5	1.8	353
1500	8.8	6.1	1.4	288
2000	10.1	9.5	1.1	211
2500	11.3	12.2	0.9	184
3000	11.9	16.5	0.7	144
3500	17.8	21.5	0.8	165
4000	26.4	26.2	1	201
4500	40.6	33.8	1.2	240
5000	47.6	48.5	1	196
5500	53	60.4	0.9	175
6000	57.7	65.2	0.9	177
6350	57.9	65.2	0.9	177

