BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
50.3 mph/5848 rpm

Acceleration
0 - 20 mph (seconds)
7.05

Acceleration
0 - 30 mph (seconds)
11.64

Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
February 14, 2022	14,600	63	Choppy	15	Saltwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Camber 1.85
Engine Length (in)	30, 30

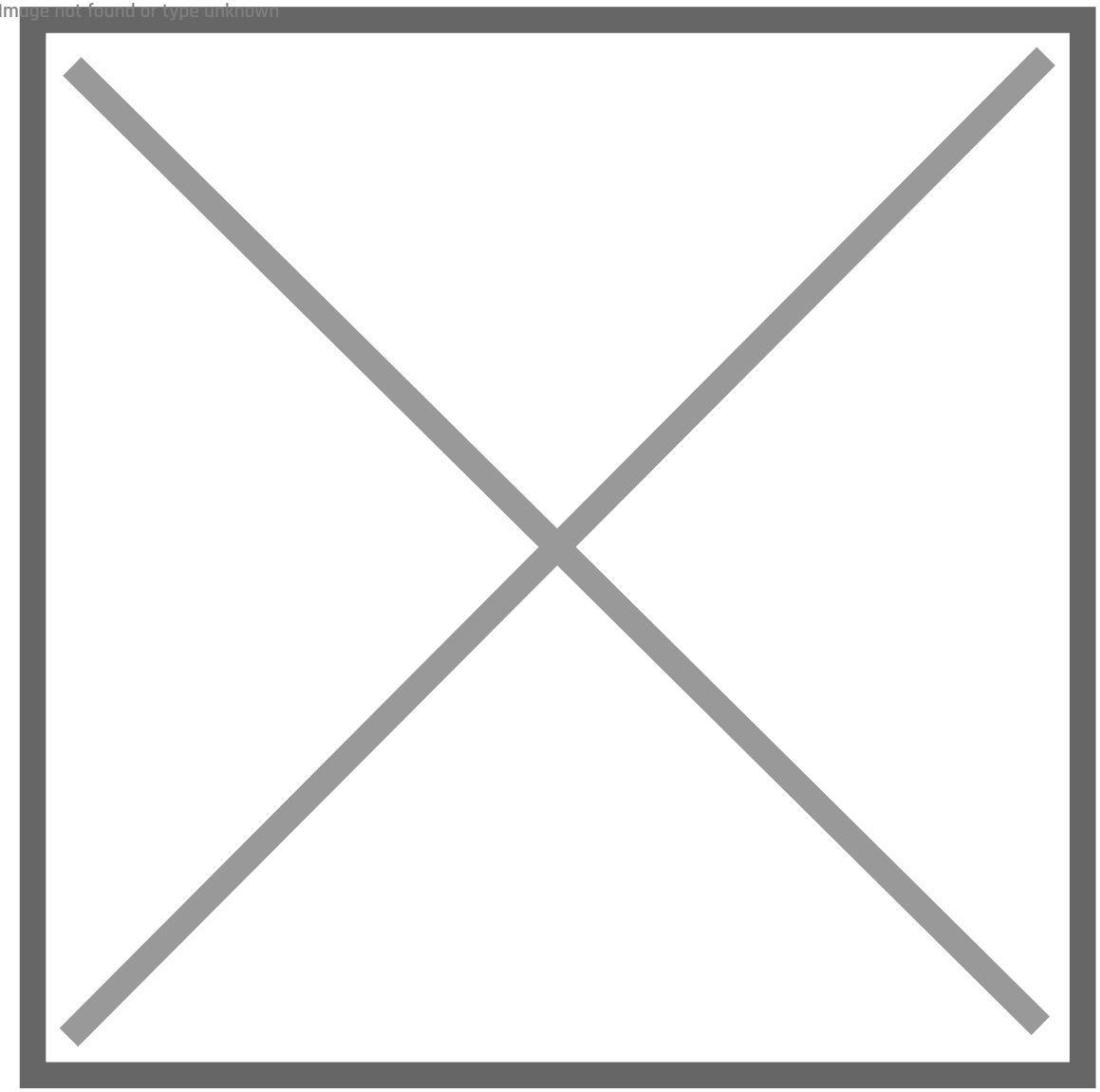
PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	20.0, 20.0
Number of Blades	4

BOAT

Boat Brand	Aviara
Boat Model	AV32
Boat Type	Runabout
Boat Material	Fiberglass
Length (ft)	34.4
Beam (ft)	10.4
Fuel Tank Capacity (gal)	166
Steering Type	Joystick
Dry Boat Weight (lbs)	12,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.4	1.9	1.8	302
1000	4.6	2.7	1.7	276
1500	6.3	4.7	1.3	223
2000	9.5	8.6	1.1	183
2500	10.8	13.2	0.8	136
3000	14.9	18.2	0.8	136
3500	22.8	22.3	1	169
4000	32.3	25	1.3	213
4500	37.9	29.9	1.3	210
5000	42.4	37	1.1	190
5500	48.6	47.6	1	169
6000	49	48.9	1	166

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