BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
66.3 mph/6364 rpm

Acceleration
0 - 20 mph (seconds)
4.68

Acceleration
0 - 30 mph (seconds)
6.82



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 25, 2021	85	Choppy	7	Saltwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	2.0, 3.0, 2.0
Engine Setback (in)	27.0, 27.0, 27.0
Engine Length (in)	30, 35, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	31.0, 31.0, 31.0
Number of Blades	4/3

BOAT

Boat Brand	Intrepid
Boat Model	42 Nomad
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	42.6
Beam (ft)	12.6
Fuel Tank Capacity (gal)	698
Steering Type	Joystick
Dry Boat Weight (lbs)	23,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	4.3	4.7	0.9	641
1000	6.3	6.7	0.9	649
1500	8.4	10	0.8	589
2000	10.5	17.2	0.6	427
2500	19.2	27.8	0.7	482
3000	25.7	38.7	0.7	462
3500	33	51.4	0.6	447
4000	39.6	58	0.7	476
4500	47.3	72	0.7	459
5500	59.3	114.9	0.5	360
6400	65.2	149.4	0.4	305

