

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

21.3 mph/5482 rpm

Acceleration

0 - 20 mph (seconds)

21.72



Test Date

August 30, 2021

Air Temperature (°F)

75

Elevation (ft)

700

Sea State

Choppy

Wind Velocity Range (mph)

8

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	90
Cylinders	4
Drive or gear model and ratio	Command Thrust 2.38
Engine Height (in)	5.1
Engine Setback (in)	6
Engine Length (in)	20

PROPELLER

Mercury Name	Spitfire
Material	Aluminum
Pitch	14
Number of Blades	4

BOAT

Boat Brand	Barletta
Boat Model	C20UC
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	21.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	24
Steering Type	Cable
Dry Boat Weight (lbs)	2,332

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.2	0.4	3.3	80
1000	2.7	0.6	4.6	112
1500	4.1	1	4.3	103
2000	5.6	1.3	4.4	105
2500	7.1	1.7	4.2	100
3000	8.7	2.2	3.9	93
3500	11.3	3.1	3.6	86
4000	14.1	4.1	3.4	81
4500	16.6	5.4	3.1	74
5000	18.8	6.6	2.9	68
5500	21	7.1	3	71

