PERFORMANCE BULLETIN

Boat Manufactured By:

Avalon

903 Michigan Avenue • Alma, MI 48801
(989) 463-2112
www.avalonpontoons.com



EXCALIBUR LTD QLST-W

Length	27' 0"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	4,800 lbs
Maximum HP	1,000 hp
Fuel Capacity	100 gal
Pontoon # / Diameter	3 / 27"
Weight as Tested	6,928 lbs

LF350XSA2 / F350XSA2

Horsepower	350 hp
Induction	EFI/VCT/DOHC
Displacement	4.3L
Weight (Estimated)	629 - 629 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#4

PROPELLER(S)

Series	Saltwater Series II HP
Diameter x Pitch	15 x 20
Yamaha Part #	6KB-45974-00-00 / 6KA-45974-00-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	51° F / 59° F
Elevation (in feet above sea level)	802'
Wind Velocity	10 -15 MPH

COMMENTS

Test weight includes 45 gallons of fuel, 3 batteries, rough water package, safety and test equipment.

YPB#: PB_AVA_Excalibur LTD QLST-W_TW_LF350XSA2_10-21-25_PNT

Engine: *Yamaha LF350XSA2 / F350XSA2*

Boat: *Excalibur LTD QLST-W*

Configuration: *Twin*

Test Date: *21-Oct-2025*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.1	2.5	2.44
1500	10.1	4.3	2.35
2000	**17.3**	**6.4**	**2.72**
2500	22.9	9.5	2.41
3000	29.5	13.1	2.25
3500	34.6	16.3	2.13
4000	40.8	21.9	1.86
4500	47.6	26.6	1.79
5000	52.8	34.4	1.54
5500	57.7	44.3	1.30
6050	**64.4**	**57.5**	**1.12**

0-20 MPH: 5.20 Seconds

NOTICE TO CONSUMER

The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerMatched components. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.