

Yamaha Performance Bulletin

YPB#: PB_ALM_Lunker165CS_F40LA_4-30-08_ALM

Test Date: 4/30/08



Alumacraft Lunker 165 CS

Length	16' 6"
Beam	6' 4"
Dry Weight (Boat Mfr. Published)	700 lbs.
Maximum HP	50 hp
Fuel Capacity	12 gals.
Weight as Tested (Approximate)	1,418 lbs.



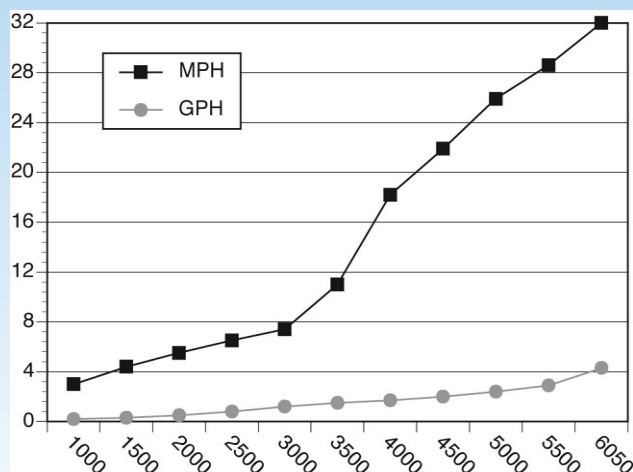
Boat Manufactured By:

Alumacraft • 315 Saint Julien Street • Saint Peter, MN 56082
(507) 931-1050 • www.cobiaboats.com

Performance Data

RPM	MPH	GPH	MPG
1000	3.0	0.2	15.00
1500	4.4	0.3	14.67
2000	5.5	0.5	11.00
2500	6.5	0.8	8.13
3000	7.4	1.2	6.17
3500	11.0	1.5	7.33
4000	18.2	1.7	10.71
4500	21.9	2.0	10.95
5000	25.9	2.4	10.79
5500	28.6	2.9	9.86
6050	32.0	4.3	7.44

Seconds to Plane **4.82**
Seconds 0-20 MPH **6.63**



Test performed and verified by Yamaha Application Engineers.

For More Information:

Yamaha Motor Corp., USA • OEM Division, Marine Group
1270 Chastain Road NW • Kennesaw, GA 30144 • (800) 88-YAMAHA
For other Performance Bulletins, visit www.yamaha-motor.com.

Yamaha F40LA

Horsepower	40
Displacement	45.6 cu. in.
Weight (Catalog Published)	196 lbs.
Gear Ratio	2.00

Engine Mounting Height

Mounting Hole Position	#2
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Propeller

Series	Aluminum Series
Diameter/Pitch	10-5/8 x 12
Yamaha Part #	6H5-45952-00-EL
Propeller Material	Aluminum

Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	70° / 68°
Elevation	593'
Wind Velocity	0-5 MPH

Comments: Test weight includes 1/2 tank of fuel, one battery, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-20 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

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. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice.