# PERFORMANCE BULLETIN

**Boat Manufactured By:**

Freeman BOATWORKS

124 Spring Grove Drive • Moncks Corner, SC 29461

(843) 225-1783

**www.freemanboatworks.com**




## FREEMAN® 42 LR

| | |
|---|---|
| Length | 42' 0" |
| Beam | 11' 9" |
| Dry Weight (Boat Mfr. Pub) | 11,250 lbs |
| Maximum HP | 1,600 hp |
| Fuel Capacity | 740 gal |
| Weight as Tested | 16,720 lbs |

## F300UCA / LF300UCA / F300UCA / LF300UCA

| | |
|---|---|
| Horsepower | 300 hp |
| Induction | EFI |
| Displacement | 4.2 L |
| Weight (Estimated) | 562 - 575 - 575 - 562 lbs |
| Gear Ratio | 1.75 |

## ENGINE MOUNTING HEIGHT

| | |
|---|---|
| Mounting Hole Position | #3 |
| Anti-Ventilation Plate Height | 1" Above Boat Bottom |

## PROPELLER(S)

| | |
|---|---|
| Series | Non-Yamaha |
| Diameter x Pitch | 16 x 23 |
| Yamaha Part # | Non-Yamaha |
| Propeller Material | Stainless Steel |

## TEST CONDITIONS

| | |
|---|---|
| Number of People | 3 |
| Air / Water Temperature (Fahrenheit) | 75° F / 76° F |
| Elevation (in feet above sea level) | 0' |
| Wind Velocity | 15-25 MPH |

## COMMENTS

Test weight includes 1/2 tank of fuel, 6 batteries, safety and test gear.

**YPB#:** PB_FRE_42LR_quad_F300UCA_2016-10-13_CAT

***Engine:*** *Yamaha F300UCA / LF300UCA / F300UCA / LF300UCA*

***Boat:*** *Freeman® 42 LR*

***Configuration:*** *Quad*

***Test Date:*** *13-Oct-2016*

## PERFORMANCE DATA

| RPM | MPH | GPH | MPG |
|---|---|---|---|
| 1000 | 6.8 | 5 | 1.36 |
| 1500 | 10.6 | 9.2 | 1.15 |
| 2000 | 17.3 | 16.8 | 1.03 |
| 2500 | 22.8 | 22.1 | 1.03 |
| **3000** | **32.5** | **27.3** | **1.19** |
| 3500 | 42.1 | 37.6 | 1.12 |
| 4000 | 49.5 | 49.5 | 1 |
| 4500 | 55.8 | 66.4 | 0.84 |
| 5000 | 61.1 | 77.7 | 0.79 |
| 5500 | 66.3 | 96 | 0.69 |
| **5800** | **67.4** | **106.3** | **0.63** |

**Time to Plane: 3.34<br /> 0-30 MPH: 7.04**

**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.