

# PERFORMANCE BULLETIN



YPB#: PB\_RGT\_R-27\_F300UCA\_2017-06-28\_OWA

Test Date 6/28/17

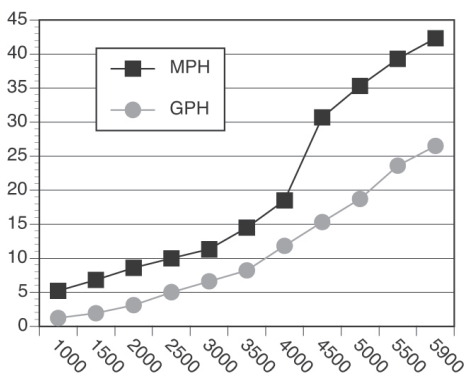


**Boat Manufactured By:**  
Ranger Tugs • 25802 Pacific Highway South • Kent, WA 98032  
253-839-5213 • www.rangertugs.com

## PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.2	1.2	4.33
1500	6.8	1.9	3.58
2000	8.6	3.1	2.77
2500	10.0	5.0	2.00
3000	11.3	6.6	1.71
3500	14.5	8.2	1.77
4000	18.5	11.8	1.57
<b>4500</b>	<b>30.7</b>	<b>15.3</b>	<b>2.01</b>
5000	35.3	18.7	1.89
5500	39.3	23.6	1.67
<b>5900</b>	<b>42.3</b>	<b>26.5</b>	<b>1.60</b>

Time to Plane 7.58  
0~30 MPH 11.48



Test performed and verified by Yamaha Applications Engineers.

## Ranger Tugs® R-27

Length	31' 4"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	6,600 lbs
Maximum HP	300
Fuel Capacity	150 gal
Weight as Tested	8,518 lbs

## F300UCA

Horsepower	300 HP
Induction	EFI
Displacement	4.2 L
Weight	575 lbs
Gear Ratio	1.75:1

## ENGINE MOUNTING HEIGHT

Mounting Hole Position	#4
Ventilation Plate Height	3-1/2" Above Boat Bottom

## PROPELLERS/

Series	Saltwater Series II™
Diameter/Pitch	15-3/4 x 15
Yamaha Part #	6CE-45976-20-00
Propeller Material	Polished Stainless Steel

## TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	60 / 65° F
Elevation (in feet above sea level)	Sea Level
Wind Velocity	0-5 mph

**Comments:** Test weight includes 1/2 tank of fuel, 4 batteries, optional Yamaha T9.9 auxiliary outboard, safety and test gear.

**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.

### For more information

Yamaha Motor Corporation, U.S.A.  
OEM Division, Marine Group  
1270 Chastain Road NW

Kennesaw, GA 30144 • (800) 88-YAMAHA

For other Performance Bulletins, visit [www.yamaha-motor.com](http://www.yamaha-motor.com).

© 2017 Yamaha Motor Corporation, U.S.A. All rights reserved.