



BULLETIN#: PE706

ENGINE: E150DPXSEA
E150DCXSEA

BOAT TYPE: Offshore

DATE OF TEST: 9/24/08



Bombardier Recreational Products Inc.
10101 Science Drive
Sturtevant, WI 52177
www.evinrude.com



Fabbro Marine Group, Inc.
5540 Industrial Blvd.
Milton, FL 32583
850-626-2211

www.capehornboats.com



2009 Cape Horn 24

BOAT	
2009 Cape Horn 24	
Material:	Fiberglass
Length:	25' 1"
Beam:	9' 1"
Weight w/o Engine:	3700 LBS Dry
Maximum HP:	400 HP
Fuel Capacity:	190 Gallons
Transom Height:	25" Shaft
Steering:	Hydraulic

ENGINE	
2009 Evinrude® 150 HP ETEC® Twin	
Engine Type:	60° V6
Horsepower:	150 HP @ 5350 RPM's
Displacement:	2.6 Litre
Induction:	ETEC DFI
Operating Range:	4850-5850 RPM
Weight:	427 LBS Dry Weight
Gear Ratio:	1.85:1

PROPELLER	
BRP Viper™	
Material:	Stainless Steel
Diameter/Pitch:	14.75" x 18"
No. of Blades:	3
Part Number:	763916/763917
MOUNTING HEIGHT	
Hole Position:	#1
Jack Plate:	N/A
AV Mounting:	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	3.2	0.36	8.9	1447
1000	5.8	1.13	5.1	834
1500	8.0	2.51	3.2	515
2000	9.0	5.07	1.8	287
2500	13.7	8.36	1.6	266
3000	22.5	10.05	2.2	362
3500	28.7	11.72	2.5	397
4000	34.6	15.16	2.3	370
4500	39.7	18.82	2.1	342
5000	45.2	26.64	1.7	275
5500	49.0	29.93	1.6	265
5575	49.5	29.97	1.7	267

Range (Miles) Based On 90% Fuel Capacity

TEST CONDITIONS	
Water Conditions:	Moderate Chop
Wind Velocity:	10-15 MPH
Air Temperature:	89° F
Fuel Load:	190 Gallons
Weight:	2 Men, Fuel, test & safety gear, T-Top, 3 batteries

PERFORMANCE SUMMARY	
Top Speed:	49.5 MPH
Best Fuel Efficiency:	2.5 MPG with a range of 397 Miles @ 28.7 MPH
Acceleration:	4.56 seconds to plane

NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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Performance Bulletin

YPB#: PB_CPH_24CC_t_F150TXR_6-27-06_OCC

Test Date: 6/27/06

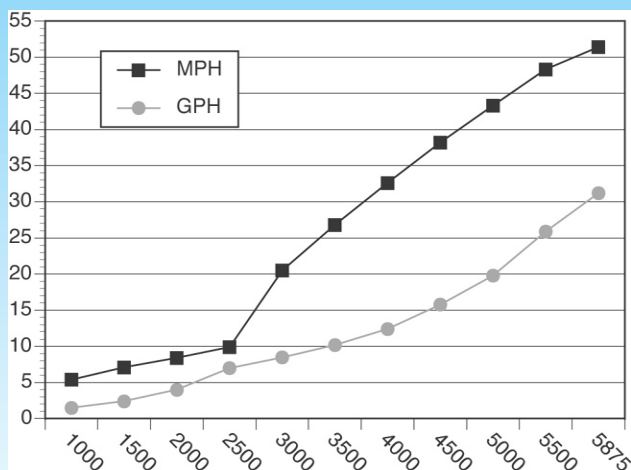


F150TXR / LF150TXR

Performance Data

RPM	MPH	GPH	MPG
1000	5.4	1.5	3.60
1500	7.1	2.4	2.96
2000	8.4	4.0	2.10
2500	9.9	7.0	1.41
3000	20.5	8.5	2.41
3500	26.8	10.2	2.63
4000	32.6	12.4	2.63
4500	38.2	15.8	2.42
5000	43.3	19.8	2.19
5500	48.3	25.9	1.87
5875	51.4	31.2	1.65

Seconds to Plane **3.72**



Test performed and certified by Yamaha Application Engineers.

Boat Manufactured By:
 Fabbro Marine Group • 5552 Industrial Boulevard • Milton, FL 32583
 (850) 626-2211 • www.capehornboats.com

Cape Horn 24 CC

Length	25' 1"
Beam	9' 1"
Dry Weight (published)	3,700 lbs.
Max HP	400
Fuel Capacity	180 gals.
Weight as Tested (approximate)	5,983 lbs.

Yamaha F150TXR / LF150TXR

Horsepower	150
Fuel Induction	Electronic Fuel Injection
Displacement	163 cu. in.
Weight	475 lbs.
Gear Ratio	2.00
Mounting Height	#1

Propeller

Series	Reliance
Diameter/Pitch	13-3/4 x 19
Yamaha Part #	68F-45974-00-00 / 68G-45974-00-00

Test Conditions

Number of People	3
Air Temperature	88° F
Water Temperature	82° F
Elevation	Sea Level
Wind Velocity	0-5 MPH

Comments:

Test weight includes 50 gallons of fuel, two batteries, optional T-top, 40-gal. livewell, safety and test equipment.

Note:

Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions. Fuel data gathered with Yamaha's Command Link® fuel management system. Speed data gathered with GPS receiver.

Outboard Manufactured By:

Yamaha Motor Corp., USA • OEM Division, Marine Group
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 For other Performance Bulletins, visit www.yamaha-motor.com.