

Cape Horn Performance Test

Date: 8/10/2011

Boat: Cape Bay 23

Engines: (1) Yamaha F150

Props: Yamaha Reliance 18"

Fuel: 25 gal.

Persons: 2

Conditions: 90 degrees, windy, humid

RPM	GPH	MPH	MPG
1500	1.3	8	6.15
2000	2.0	9	4.50
2500	3.4	11	3.24
3000	4.2	19	4.52
3500	5.4	24	4.44
4000	6.7	29	4.33
4500	8.3	34	4.10
5000	10.8	40	3.70
5500	15.1	44	2.91
WOT	15.8	46	2.91

Cape Horn Performance Test

Date: 10/1/2009

Boat: Cape Bay 23

Engines: (1) Yamaha F250
10" Jackplate

Props: Yamaha S.S.II 21"

Fuel: 25 gal.

Persons: 2

Conditions: 72 degrees, windy

RPM	GPH	MPH	MPG
1000	1.24	5.7	4.60
1500	2.05	7.1	3.46
2000	3.60	9.9	2.75
2500	4.81	14.2	2.95
3000	6.12	26.9	4.40
3500	7.95	32.6	4.10
4000	10.61	38.1	3.59
4500	12.67	41.8	3.30
5000	17.09	47.0	2.75
5500	19.24	51.0	2.65
WOT	24.10	55.0	2.28

Test Date: 3/26/2010

PERFORMANCE			
RPM	MPH	GPH	MPG
1000	5.7	1.3	4.52
1500	7.4	2.2	3.34
2000	10.5	3.8	2.80
2500	16.6	5.0	3.32
3000	29.4	6.7	4.41
3500	34.9	8.9	3.94
4000	40.4	12.2	3.31
4500	46.0	15.5	2.97
5000	51.1	19.4	2.64
5500	56.8	24.5	2.32
5750	59.5	26.3	2.26
ACCELERATION			
TIME TO PLANE	3.20		
0 ~ 30 MPH	6.01		
RADAR GUN			
COMMENTS			
<p>Boat equipped with group 27 starting battery, FRP t-top, 10" electric jack plate, 50 gallons fuel, two persons (approx. 450 lbs), misc. safety and test gear (approx. 25 lbs)</p>			
TEST CONDITIONS			
NUMBER OF PEOPLE	2		
AIR / WATER TEMP (Fahrenheit)	68° F / 65° F		
ELEVATION (IN FEET ABOVE SEA LEVEL)	Sea Level		
WIND VELOCITY	15 mph		

MANUFACTURER INFO	
NAME:	Cape Horn - Fabbro Marine
STREET:	5552 Industrial Blvd.
CITY, STATE, ZIP:	Milton, FL 32583
PHONE:	850-626-2211
FAX:	850-626-2981
WEBSITE:	www.capehornboats.com
BOAT DETAILS	
BOAT MODEL	23 cape bay
LENGTH	23'
BEAM	8.25'
DRY WEIGHT (Boat Mfr. Pub.)	2100
MAXIMUM HP	300 HP - V6
FUEL CAPACITY	80
WEIGHT AS TESTED	3703
ENGINE DETAILS	
ENGINE MODEL/S	F300XCA
HORSEPOWER	300 HP @ 5500 RPM
INDUCTION	EFI/VCT/DOHC
DISPLACEMENT	256.3 CI
WEIGHT	558 LBS
GEAR RATIO	1.75
ENGINE MOUNTING HEIGHT	
MOUNTING HOLE POSITION	#1
VENTILATION PLATE HEIGHT	1.5
PROPELLER/S	
SERIES	SALTWATER SERIES II
DIAMETER/PITCH	15 x 21
YAMAHA PART # (sgl/twin)	6D0-45972-00-00
YAMAHA PART # (center)	
PROPELLER MATERIAL	POLISHED STAINLESS STEEL