

Boat Manufactured By:



124 Spaniel Lane • Summerville, SC 29483
(410) 643-4141

www.zodiac-nautic.com

ZODIAC® 420 BAYRUNNER®

Length	13' 9"
Beam	6' 9"
Dry Weight (Boat Mfr. Pub)	400 lbs
Maximum HP	50 hp
Fuel Capacity	12 gal
Weight as Tested	1,093 lbs

F40LA

Horsepower	40 hp
Displacement	45.6 cu. in.
Weight (Estimated)	216 lbs
Gear Ratio	2

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Anti-Ventilation Plate Height	Even With Bottom

PROPELLER(S)

Series	Aluminum Series
Diameter x Pitch	11 1/8 x 13
Yamaha Part #	69W-45945-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	57° F / 59° F
Elevation (in feet above sea level)	0'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 3/4 tank of fuel, one battery, safety and test equipment. Fuel consumption data gathered with electronic fuel flow equipment. Zero-to-20 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

YPB#: PB_ZNA_420BayRunner_F40LA_2010-03-18_INF



Engine: Yamaha F40LA

Boat: Zodiac® 420 BayRunner®

Configuration: Single

Test Date: 18-Mar-2010



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.6	0.2	18
1500	4.5	0.3	15
2000	5.5	0.6	9.17
2500	6.4	1	6.4
3000	7.6	1.4	5.43
3500	16.4	1.5	10.93
4000	20.6	1.8	11.44
4500	24.4	2.1	11.62
5000	27.4	2.7	10.15
5500	30.9	3.6	8.58
6050	34.3	4.3	7.98
Seconds to Plane: 3.92			
Seconds 0-20 MPH: 7.41			

NOTICE TO CONSUMER

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www.zodiac-nautic.com
ZODIAC BAYRUNNER 500

Length	15' 5"
Beam	6' 9"
Dry Weight (Boat Mfr. Pub)	507 lbs
Maximum HP	70 hp
Fuel Capacity	12 gal
Weight as Tested	1,319 lbs

F60LB

Horsepower	60 hp
Induction	EFI/SOHC
Displacement	996 CC
Weight (Estimated)	249 lbs
Gear Ratio	1.85:1

ENGINE MOUNTING HEIGHT

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

PROPELLER(S)

Series	Aluminum Series
Diameter x Pitch	10-1/4 x 14
Yamaha Part #	6H5-45958-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	82° F / 71° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 6 gallons of fuel, 1 battery, safety and test equipment.

YPB#: PB_ZOD_BayRunner500_F60LB_10-21-2019-INF

Engine: Yamaha F60LB

Boat: Zodiac Bayrunner 500

Configuration: Single

Test Date: 20-Oct-2019

PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	4.0	0.3	13.33
1500	5.5	0.6	9.17
2000	7.0	0.9	7.78
2500	7.7	1.3	5.92
3000	8.4	2.1	4.00
3500	18.0	2.0	8.98
4000	22.3	2.5	9.08
4500	26.9	3.3	8.26
5000	31.0	4.0	7.84
5500	34.6	5.1	6.78
5900	38.4	5.5	6.98
Time to Plane: 4.90 seconds			
0-20 MPH: 7.95 seconds			

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ZODIAC® 550 BAYRUNNER®

Length	16' 11"
Beam	7' 3"
Dry Weight (Boat Mfr. Pub)	695 lbs
Maximum HP	90 hp
Fuel Capacity	26 gal
Weight as Tested	1,502 lbs

F70LA

Horsepower	70 hp
Displacement	60.8 cu. in.
Weight (Estimated)	260 lbs
Gear Ratio	2.33

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Anti-Ventilation Plate Height	Even With Bottom

PROPELLER(S)

Series	Aluminum Series
Diameter x Pitch	13 1/2 x 15
Yamaha Part #	6E5-45941-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90° F / 85° F
Elevation (in feet above sea level)	0'
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 electronic fuel flow equipment. Zero-to-20 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

YPB#: PB_ZNA_550BayRunner_F70LA_2010-07-21_INF

Engine: Yamaha F70LA

Boat: Zodiac® 550 BayRunner®

Configuration: Single

Test Date: 21-Jul-2010

PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.7	0.3	12.33
1500	5.1	0.6	8.5
2000	6	1.1	5.46
2500	7.7	1.5	5.13
3000	13.1	2	6.55
3500	18	2.4	7.5
4000	22.1	2.6	8.5
4500	26.1	3.5	7.46
5000	29.3	4	7.33
5500	32.6	5.1	6.39
6000	35.3	5.6	6.3
6200	37	6	6.17
Seconds to Plane: 4.06			
Seconds 0-20 MPH: 6.54			

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