## BOAT HOUSE DE MERCURY



TEST CONDITIONS           Test Date         220/17           Test Conductor         Joe Himmelspach           3oat Weight as Tested (lbs)         2,700           Air Temperature (degrees F)         80F           Elevation (ft)         sea level           Sea State calm / smooth / slight / moderate)         Moderate 12°-18°           Wind Volocity range (mph)         15mph           Tresh/Salt Water         salt           Tuel Level at Testing (gal)         45           PERFORMANCE SUMMARY           Top Speed (mph @ rpm)         60.0mph @ c5280rpm           Acceleration 0 - 20 mph (seconds)         2.1           Acceleration 0 - 20 mph (seconds)         5.1           BereformMance CURVE           Or Speed (mph @ rpm)           45.00         4.1mpg @ 3000rpm           PERFORMANCE CURVE           Or Speed (mph @ rpm)           45.00         4.1mpg @ 3000rpm           Or Speed (mph @ rpm)           45.00         4.1mpg @ 3000rpm           Or Speed (mph @ rpm)           45.00         4.1mpg @ condition or speed (mph @ rpm)           0.0         GPH         MPH         MPH           0.0						
Test Conductor         Joe Himmelspach           Soat Weight as Tested (lbs)         2,700           Site Temperature (degrees F)         80F           Elevation (ft)         sea level           Moderate 12"-18"         Moderate 12"-18"           Vind Velocity range (mph)         15mph           reshV3att Water         salt           Tuel Level at Testing (gal)         45           PERFORMANCE SUMMARY           Top Speed (mph @ rpm)         60.0mph @ 6280rpm           Acceleration 0 - 30 mph (seconds)         5.1           Set Fuel Economy (mpg @ rpm)           MPH @ MPG           60.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0           60.0         60.0				ENGINE SPECIFICATIONS		
Boat Weight as Tosted (lbs)         2,700           Air Temperature (degrees F)         80F           Elevation (t)         sea level           Sea State calm / smooth / slight / moderate)         Moderate 12"-18"           Wind Velocity range (mph)         15mph           Tresh/Salt Water         salt           "uel Level at Testing (gal)         45           PERFORMANCE SUMMARY           Top Speed (mph @ rpm)         60.0mph @ 62280rpm           Acceleration 0 - 20 mph (seconds)         2.1           Acceleration 0 - 30 mph (seconds)         5.1           BerFORMANCE CURVE           Image @ 30000rpm         4.1mpg @ 3000rpm           PERFORMANCE CURVE           Image @ GPH @ MPH @ MPG         5.0           Image @ 30.0         5.0           Image @ 30.0         3.8           2.5 mg         60.0           Image @ GPH @ MPH @ MPG         3.8           Image @ State         3.8			Number of Engines	1		
Nr Temperature (degrees F)         80F           iseastate calm / smooth / slight / moderate)         Moderate 12"-18"           Wind Velocity range (mph)         15mph           resh/Salt Water         salt           uel Level at Testing (gal)         45           PERFORMANCE SUMMARY           op Speed (mph @ rpm)         60.0mph @ 62280rpm           tocceleration 0 - 20 mph (seconds)         2.1           tocceleration 0 - 30 mph (seconds)           State           0.0	Joe Himmelspach		Engine	250 Verado		
Idevation (ft)         sea level           ise state calm / smooth / slight / moderate)         Moderate 12"-18"           Wind Velocity range (mph)         15mph           resh/Salt Water         salt           uel Level at Testing (gal)         45           PERFORMANCE SUMMARY         000 Speed (mph @ rpm)           op Speed (mph @ rpm)         60.0mph @ .6280/rpm           ucceleration 0 - 20 mph (seconds)         5.1           txceleration 0 - 30 mph (seconds)         5.1           test Fuel Economy (mpg @ rpm)         4.1mpg @ .3000/rpm           PERFORMANCE CURVE         0           0         0           0.0         0.0           15.0         0           0.0         0.0           15.0         0           0.0         0.0           15.0         0           0.0         0.0           15.0         0           0.0         0.00           0.0         0.00           0.0         0.0           0.0         0.00           0.0         0.00           15.0         0           0.0         0.00           10.0         3.3           2.5			Horsepower	250		
Bea State calm / smooth / slight / moderate)         Moderate 12"-18"           Vind Velocity range (mph)         15mph           resultsatt Water         salt           tuel Level at Testing (gal)           PERFORMANCE SUMMARY           Op Speed (mph @ rpm)           G0.0mph @ 60.0mph @ 6280rpm           Notecleration 0 - 20 mph (seconds)           tuel Economy (mpg @ rpm)           MPH I MPG           OP FORMANCE CURVE           OP GPH I MPH I MPG           MPH I MPG           OP GPH I MPH I MPG           MOderate 12"-18"           MPH I MPG           GPH I MPH I MPG           OP I MPH I MPG           OP I MPH I MPG           OP I MPH I MPG           ON I Sould		Ι Γ	Cylinders	6		
Amoderate         Moderate         Moderate         12-18'           Vind Velocity range (mph)         15mph         salt           result Salt Water         salt         salt           rul Level at Testing (gal)         45           PERFORMANCE SUMMARY           op Speed (mph @ rpm)         60.0mph @ 62830rpm           kcceleration 0 - 20 mph (seconds)           scl           kcceleration 0 - 30 mph (seconds)           scl           Scl           PERFORMANCE CURVE           PERFORMANCE CURVE           Op GPH I MPH I MPG           MOD           Scl           <			Drive or gear model and ratio	1.85:1		
Wind Velocity range (mph)         15mph           resh/Salt Water         salt           ruel Level at Testing (gal)         45           PERFORMANCE SUMMARY           Top Speed (mph @ rpm)         60.0mph @ 6280rpm           Acceleration 0 - 20 mph (seconds)         2.1           Acceleration 0 - 30 mph (seconds)         5.1           Best Fuel Economy (mpg @ rpm)         4.1mpg @ 3000rpm           PERFORMANCE CURVE         GPH I MPH I MPG           60.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           45.0         60.0           15.0         60.0           15.0         60.0           15.0         60.0           15.0         60.0           15.0         60.0           15.0         60.0           15.0         60.0           10.0         20.00           10.0         20.00           10.0         20.00           10.0         4.7						
FreshVSalt Water         salt           Suel Level at Testing (gal)         45           PERFORMANCE SUMMARY         60.0mph @ 6280rpm           Sop Speed (mph @ rpm)         60.0mph @ 6280rpm           txcceleration 0 - 20 mph (seconds)         5.1           txcceleration 0 - 30 mph (seconds)         5.0           15.0         0         0           15.0         0         0           15.0         0         0           15.0         0         0      <						
uel Level at Testing (gal)         45           PERFORMANCE SUMMARY           op Speed (mph @ rpm)         60.0mph @ 6280rpm           vcceleration 0 - 20 mph (seconds)         5.1           tcceleration 0 - 30 mph (seconds)         5.1           Best Fuel Economy (mpg @ rpm)         4.1mpg @ 3000rpm           PERFORMANCE CURVE         GPH         MPH         MPG           45.0         0         0         0.0         5.0         3.8           2.5         0         0         0.0         0.0         5.0         3.8           30.0         0         0         0.0         0.0         5.0         3.8           2.5         0         0.0         0.0         0.0         0.0         0.0         0.0           15.0         0         0         0.0         0.0         0.0         0.0         0.0           15.0         0         0.0         0.0         0.0         0.0         0.0         0.0           15.0         0         0.0         0.0         0.0         0.0         0.0         0.0           0.0         0.0         0.00         3500         5000         5500         6000         <			BOAT SPECII	ICATIONS		
PERFORMANCE SUMMARY           G0.0 mph (@ rpm)         G0.0 mph (@ c280 rpm)           Acceleration 0 - 20 mph (seconds)         c.1           Acceleration 0 - 30 mph (seconds)         c.1           Set Fuel Economy (mpg @ rpm)         4.1 mpg @ 3000 rpm           PERFORMANCE CURVE           Ø GPH I MPH I MPG           45.0         45.0         5.0         3.8         2.5         6         3.8           30.0         45.0         0.0         500         5500         6000         2.8         6           45.0         0.0			Region/s sold	IOATIONO	USA	
Speed (mph @ rpm)         60.0mph @ 6280rpm           Acceleration 0 - 20 mph (seconds)         2.1           Acceleration 0 - 30 mph (seconds)         5.1           Best Fuel Economy (mpg @ rpm)         4.1mpg @ 3000rpm           PERFORMANCE CURVE         0           0         0           45.0         0           45.0         0           45.0         0           45.0         0           15.0         0           15.0         0           15.0         0           10.0         2000 3000 3500 4000 4500 5000 5000 6000 6280           PERFORMANCE DATA           RPM         SPEED           CONSUMPTION         CONSUMPTION           RANGE         MPH           MPH         GPH           MPH         GPH           1000         4.7           1.1         4.3           2000         7.9           3.3         2.4           3000         24.2           5.9         4.1           4000         37.1           10.5         3.5           4500         42.6           13.6         3.1           3			Manufacturer	Zodiac		
Speed (mph @ rpm)         60.0mph @ 6280rpm           acceleration 0 - 20 mph (seconds)         2.1           acceleration 0 - 30 mph (seconds)         5.1           test Fuel Economy (mpg @ rpm)         4.1mpg @ 3000rpm           PERFORMANCE CURVE           0         GPH         MPH         MPG           45.0         0         0         0         3.8           15.0         0         0         0         0.0         3.8           15.0         0         0         0         0.0         1.3           0.0         1000         2000         3500         4000         45.0         500           9         FUEL         CONSUMPTION         CONSUMPTION         CONSUMPTION         0.0           0.0         1000         2000         3500         4000         45.0         500         6280         0.0           PERFORMANCE DATA         RPM         SPEED         CONSUMPTION         CONSUMPTION         CONSUMPTION         CONSUMPTION           1000         4.7         1.1         4.3         2000         7.9         3.3         2.4           3000         24.2         5.9         4.1         3500         30.4         7			Website		zodiac-nautic.com	
Construction			Boat Model		Pro 7	
RPM         SPEED         CONSUMPTION         CONSUMPTION           RANGE         MPH         GPH			Boat Type		RIB	
RPM         SPEED         CNSUMPTION         CONSUMPTION           RANGE         MPH         GPH         GPH         MPG           0.0         4.1 mpg         0.0         5.0         3.8           2000         30.0         45.0         5.0         3.8           15.0         0.0         0.0         0.0         0.0         1.3           0.0         0.0         0.0         0.0         0.0         0.0           PERFORMANCE DATA         Consumption         Consumption         Consumption         0.0           0.0         0.0         2000         3000         45.0         5000         6500         6280         0.0           PERFORMANCE DATA         Consumption         Consumption         Consumption         Consumption         Consumption           RANGE         MPH         GPH         MPG         1000         4.7         1.1         4.3           2000         7.9         3.3         2.4         3000         24.2         5.9         4.1           3500         30.4         7.5         4.1         4.000         37.1         10.5         3.5           4500         42.6         13.6         3.1 <t< td=""><td></td><td></td><td colspan="2">Material</td><td>Fiberglass Inflatable</td></t<>			Material		Fiberglass Inflatable	
PERFORMANCE CURVE           60.0         GPH         MPH         MPG           45.0         GPH         MPH         MPG           30.0         45.0         GPH         MPH         MPG           30.0         15.0         1.3         2.5         GPH           15.0         1000         2000         3000         4500         5000         6000         6280           PERFORMANCE DATA         SPEED         CONSUMPTION         CONSUMPTION         CONSUMPTION           RANGE         MPH         GPH         MPG         1000         4.7         1.1         4.3           2000         7.9         3.3         2.4         3000         24.2         5.9         4.1           3500         30.4         7.5         4.1         4.1         4.1         4.1           4000         37.1         10.5         3.5         4.5         4.1           4500         42.6         13.6         3.1         5         5.2         2.2         2.0           6000         55.2         25.3         2.2         2.2         6         0.0         5			Length (ft)		22'1"	
GPH         MPH         MPG           60.0         45.0         5.0           45.0         45.0         45.0           30.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           10.0         2000         3000         45.00           10.0         2000         35.00         45.00           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           35.0         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500			Beam (ft)		8'3"	
GPH         MPH         MPG           60.0         45.0         5.0           45.0         45.0         45.0           30.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         45.0           15.0         45.0         5000           15.0         5000         5000           1000         2000         3000           2000         3000         35.0           1000         4.7         1.1           43         2000         7.9           3.3         2.4           3000         24.2         5.9           4.1         4.1           4000         37.1         10.5           3.5         4.1           4500         42.6         13.6           4500         42.6         13.6			Max hp Capacity		250	
$\begin{array}{c} 60.0\\ + 0$			Fuel Tank Capacity (	gal)	54	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Steering Type		Hydraulic Power Assist	
HU       Job 100			Dry Boat Weight (Ibs	;)	2000	
Here       30.0       40			Mounting Hole	· ]	4	
IDD0 2000 3000 3500 4000 4500 5000 5500 6000 6280           PERFORMANCE DATA         SPEED         FUEL CONSUMPTION         FUEL CONSUMPTION           RANGE         MPH         GPH         MPG           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2			PROPELLER Part Number Part Number Part Number Part Number	SPECIFICATIO	48-899002A46 RH	
IDD0         2000         3000         3500         4000         4500         5000         5500         6000         6280           PERFORMANCE DATA         SPEED         FUEL CONSUMPTION         FUEL CONSUMPTION         FUEL CONSUMPTION           RANGE         MPH         GPH         MPG           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2			Part Number			
RPM         SPEED         FUEL CONSUMPTION         FUEL CONSUMPTION           RANGE         MPH         GPH         MPG           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2			Mercury Name		Enertia	
RPM         SPEED         FUEL CONSUMPTION         FUEL CONSUMPTION           RANGE         MPH         GPH         MPG           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2			Material		Stainless Steel	
RPM         SPEED         CONSUMPTION         CONSUMPTION           RANGE         MPH         GPH         MPG           1000         4.7         1.1         4.3           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2		1	Diameter/Pitch	1	13.8" / 21"P	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		SOUND	Number of Blades		3	
4.7         1.1           2000         7.9         3.3         2.4           3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	MILES	dB-A				
3000         24.2         5.9         4.1           3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	230.7					
3500         30.4         7.5         4.1           4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	129.3					
4000         37.1         10.5         3.5           4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	221.5			I		
4500         42.6         13.6         3.1           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	218.9	┥──┤	Comments			
42.6         13.6           5000         49.9         17.3         2.9           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	190.8	──┤				
49.3         17.3           5500         55.3         25.2         2.2           6000         55.2         25.3         2.2	169.1	┥──┤				
55.3         25.2           6000         55.2         25.3         2.2           6000         55.2         25.3         2.2	155.8					
<u> </u>	118.4	<b> </b>				
<u>6280</u> <u>60.0</u> <u>26.9</u> <u>2.2</u>	117.8					
	120.4					
MERCURY MARINE PO BOX 1939 FOND DU LAC, WISCONSIN 54936- 015 Mercury Marine, All Rights served. Results on individual boats may y depending on many factors, including ather and the condition of propeller.	939					