

# Gold Coast Power, Inc.

Worldwide Exporters of "New Factory Warranted", Rebuilt & Used Diesel Engines, Generators, Power Units, Torque Converters, etc.  
Detroit Diesel CATERPILLAR Cummins Allison WESTERBEKE Onan MARATHON Twin Disc ZF Delco

## COMMERCIAL BOAT PROP-IT-RIGHT ANALYSIS FORM

Type of Analysis:	Powerboat <input type="checkbox"/>	Sailboat <input type="checkbox"/>	Repower <input type="checkbox"/>	Name: _____
<b>VESSEL INFORMATION</b>				Company: _____
				Address: _____
Manufacturer: _____				City/State: _____
Model: _____				Zip/Country: _____
Year: _____				Phone: _____
Boat Use:	Work/Commercial <input type="checkbox"/>	Towing <input type="checkbox"/>	Pleasure <input type="checkbox"/>	Fax: _____
Hull Type:	Displacement <input type="checkbox"/>	Semi-Displacement <input type="checkbox"/>	Planing <input type="checkbox"/>	E-mail: _____
Bottom Design:	Open <input type="checkbox"/>	Tunnel <input type="checkbox"/>	Pocket <input type="checkbox"/>	Date: _____
Hull Material:	Fiberglass <input type="checkbox"/>	Wood <input type="checkbox"/>	Aluminum <input type="checkbox"/>	

### 1. Vessel Data

Overall Length: \_\_\_\_\_ Loaded Weight: \_\_\_\_\_ Expected Top Speed: \_\_\_\_\_  
Waterline Length: \_\_\_\_\_ Beam: \_\_\_\_\_ Draft: \_\_\_\_\_

### ALL ENGINE DATA MUST BE COMPLETED.

### 2. Current or New Engine Data\*

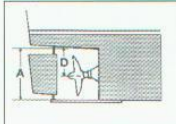
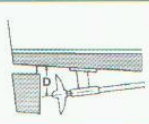
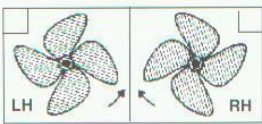
Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_  
Maximum Engine Rating: Brake \_\_\_\_\_ HP @ \_\_\_\_\_ RPM or Shaft \_\_\_\_\_ HP @ \_\_\_\_\_ RPM  
Gear Reduction Ratio: \_\_\_\_\_ :1 Fuel Type: Gas ☐ Diesel ☐ Other ☐  
Number of Engines: Single ☐ Twin ☐ Triple ☐ Other ☐ \_\_\_\_\_

If no propeller size or performance data available, section 1 must be completed in detail.

Current Performance: Full Throttle (Wide-open) Engine RPM \_\_\_\_\_ RPM (Actual tachometer reading)  
Full Throttle (Wide-open) Vessel Speed \_\_\_\_\_ MPH ☐ Knots ☐ (Actual speedometer/GPS reading)

\* If re-power, fill in the above with **NEW** engine data. Refer to the Section 3 for current propeller data and Section 4 for "Repower" data.

### 3. Current Propeller Data

Manufacturer: \_\_\_\_\_ Model/Style: \_\_\_\_\_ Material: Bronze ☐ Nibral ☐ Stainless Steel ☐  
Propeller Size: Diameter \_\_\_\_\_ x Pitch \_\_\_\_\_ Number of Blades: \_\_\_\_\_  
Maximum Propeller Diameter \_\_\_\_\_  
OR  
Shaft to Hull Distance D = \_\_\_\_\_  
A = \_\_\_\_\_  
Shaft: SAE ☐ Metric ☐ Size \_\_\_\_\_  
  
  
  
Rotation: Check one or both  
Viewed from behind the boat.

### 4. Re-power Data (Old Engine Information)

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_  
Maximum Engine Rating: Brake \_\_\_\_\_ HP @ \_\_\_\_\_ RPM or Shaft \_\_\_\_\_ HP @ \_\_\_\_\_ RPM  
Gear Reduction Ratio: \_\_\_\_\_ :1 Fuel Type: Gas ☐ Diesel ☐ Other ☐  
Number of Engines: Single ☐ Twin ☐ Triple ☐ Other ☐ \_\_\_\_\_  
Old Performance: Full Throttle (Wide-open) Engine RPM \_\_\_\_\_ RPM (Actual tachometer reading)  
Full Throttle (Wide-open) Vessel Speed \_\_\_\_\_ MPH ☐ Knots ☐ (Actual speedometer/GPS reading)

### 5. Vessel/Propeller/Nozzle Certification Required

☐ ABS ☐ Lloyds ☐ DNV ☐ Other: \_\_\_\_\_  
Propeller Application: ☐ Open ☐ Nozzle

If nozzle, please fill in the next section. →

Comments: \_\_\_\_\_



Write in your dimensions here:

A. \_\_\_\_\_  
B. \_\_\_\_\_  
C. \_\_\_\_\_  
D. \_\_\_\_\_

**Note:** The propeller suggestion can only be as accurate as the information that you provide.