

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 ☐	Sailboat ☐	Repower ☐	Name: _____
VESSEL INFORMATION				Company: _____
				Address: _____
Manufacturer: _____				City/State: _____
Model: _____				Zip/Country: _____
Year: _____				Phone: _____
Boat Use:	Work/Commercial ☐	Towing ☐	Pleasure ☐	Fax: _____
Hull Type:	Displacement ☐	Semi-Displacement ☐	Planing ☐	E-mail: _____
Bottom Design:	Open ☐	Tunnel ☐	Pocket ☐	Date: _____
Hull Material:	Fiberglass ☐	Wood ☐	Aluminum ☐	

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*

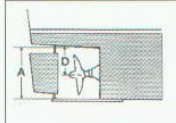
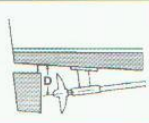
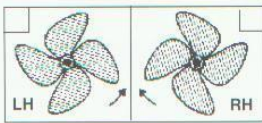
Manufacturer: _____ Model: _____ Year: _____
Maximum Engine Rating: Brake _____ HP @ _____ RPM or Shaft _____ HP @ _____ RPM
Gear Reduction Ratio: _____ :1 Fuel Type: Gas ☐ Diesel ☐ Other ☐
Number of Engines: Single ☐ Twin ☐ Triple ☐ Other ☐ _____

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.