**Mounting the Speed Sensor**

This is the Port side for a clockwise swing. The sensor is to be mounted on the "up-wash" side of the prop. This is the Port side for a clockwise swing. The sensor is to be mounted so that it is parallel to the water flow at the boat’s transom with the small "lip" of the adjustable paddle wheel support backed against the transom’s bottom. The sensor is adjustable for transoms from 0 to 16 degrees aft. (Refer to figure 1a, b, c, d, and e).

1. Place the sensor against the transom in the desired location and tilt the paddle wheel support in the housing to obtain an accurate average speed to which the instrument lamp.

2. If the sensor is not properly mounted as described above inaccurate readings may result.

3. Drill two 5/32" holes about 3/4" deep in the center of the hull shape and mounting limitations. The coarse adjustment is made by turning the six-position selector switch at the rear of the case. Start with the knob in the approximate center position. Turn the knob counter clockwise to lower readings and clockwise to increase readings.

4. Mount the Speed Sensor

5. Connect the speedometer stud marked "GND" (ground). Connect opposite end of the boat’s electrical ground, generally available in several locations at or near the instrument panel. Connect the sensor’s wire to both a nut and lockwasher.

6. Connect a wire to the speedometer stud marked "SIG" (signal). Secure with a nut and lockwasher. (For externally adjustable speedometers see “Addendum I”)

7. Turn the knob clockwise to increase high-speed sensitivity. Six inch-pounds

8. A.) To change light bulb, twist black socket bulb pulls straight out of assembly. It is a GE No. 194 (For externally adjustable speedometers see “Addendum I”)

9. B.) To replace weather seal plugs on the rear of the speedometer located in the holes marked "ADF".

10. With the boat at the known speed, carefully vary the appropriate adjustment pot through the hole in the case with test provided "AFL" wrench. Align run. With your Faria Marine Instruments speedometer in agreement with the boat’s known speed. Turning the pot clockwise raises readings, counterclockwise lowers readings.

11. For dealer installation only change the pot in position 1 of the six-position selector switch at the rear of the case. Start with the knob in the approximate center position. Turn the knob counter clockwise to lower readings and clockwise to increase readings.