

## 43" Insane Cracker Box Set Up Sheet

- 1) Engine Placement – 19 inches from the back of the transom to the center of the spark plug.
- 2) Skag Placement - 17 ¼ inches from the front of the skag to the back of the transom. The skag is a shark tooth design.
- 3) Strut Placement – Center of the back of the transom.
- 4) Rudder Placement – 2 ½ inches off of center. The rudder is placed off to the right of the strut. The rudder will be parallel with the stringer inside the hull.
- 5) Turn Fin Placement – Mount the turn fin at 90 degrees from the bottom of the hull out flush on the right side of the hull. The turn fin should hang 1 ½ inches below the hull.
- 6) Cavitation Plates Placement – The left cavitation plate should be placed 3/16<sup>th</sup>'s of an inch off the side of the hull and flush with the bottom of the hull. The right cavitation plate should have a ¼" gap between the cavitation plate and the turn fin. This should also be mounted flush with the bottom of the hull.
- 7) Gas Tank Placement – The gas tank should be mounted directly across from the motor on the right side of the hull and up against the side of the hull.
- 8) Radio Box Placement – It is recommended to place the radio box off to the right next to the outside right stringer.

### Tips:

Before your first run, here are some adjustment suggestions:

- Set the strut ¾" from the bottom of the hull to the center of the prop shaft. This will be a good starting point. {approximately 3 degrees negative on the strut}
- Adjust the left cavitation plate down 1/8<sup>th</sup> of an inch.
- Adjust the right cavitation plate flush with the bottom of the hull.

### Prop Recommendations for subsurface:

- Prather 270/2 blade
- Prop Shop 6516/2 blade