

SE Inspection Sheet (REVISED 4/20)

Regatta: _____ Date: _____

Boat # _____ Number of legal boats in the heat: _____

Maximum speed 90 mph. Recorded speed _____.

A minimum 1 inch prop shaft is mandatory. Prop shaft measurement is _____.

- **Length:** (Min: 16') _____
- **Width:** (Min: 72") _____
- ? **Weight:** (Min:1850 lbs.) _____
- ? **Two blade props only:** _____
- ? **Fuel Type** _____ (Brand name i.e. VP-C12, or E85)
 - Specific Gravity _____ (0.715-0.765 @60°F)
 - Digatron Reading _____ (Must be negative)
 - E85 fuels must not have greater than 86% Ethanol _____

Carb type	Primary Venturi Dia.	Measured	Secondary Venturi Dia.	Measured	Primary TB Dia.	Measured
0-4776	1.265		1.3275		1.5675	

*Air horn can be milled off.

- A carburetor spacer is required; it shall have a minimum thickness of 0.500" (including gaskets) and a maximum thickness of 2.25" (including gaskets. The spacer may be wedge shaped, if desired, providing it fits within the above envelope. A restrictor plate, if required, shall be in addition to this thickness.
- **Intake Manifold**
 - Any production style as cast/as produced iron or aluminum intake manifold may be used
 - Sheetmetal or tunnel ram style intake manifolds are expressly prohibited.
 - The intake manifold may be matched or blended to the carburetor spacer.
 - **Intake type:** _____
- ? **Cam Lift**
 - Adjust the valve to zero lash and set the dial indicator to zero. Set the degree wheel to zero degrees. Record the point of maximum lift. Repeat with the exhaust valve.
 - Intake max lift:0.450", Measured _____
 - Exhaust max lift:0.450", Measured _____
 - Only flat tappet camshaft and lifters may be used. _____
 - Either hydraulic or mechanical lifters with a maximum diameter of 0.843" for GM or 0.876" for Ford may be used. _____
- ? **Block**
 - GM or Ford Windsor cast iron blocks, aftermarket can be used
 - Bore: Max. 4.065" _____
 - Stroke: Max. 3.500": _____
 - **Head:**
 - Only stock GM **or Ford** cylinder heads with in-line valves may be used.
 - No porting, polishing, or grinding is permitted in ports or combustion chambers.
 - Heads shall have a maximum intake runner volume of 170 cc: _____

- ☐ **Maximum Compression Ratio** is to be 9.5/1 either by Whistler or Mechanical measure _____
- ☐ **Rocker Arms:** Roller type rocker arms with a maximum ratio of 1.52 for GM or 1.60 for Ford may be used. (Lift at cam x 1.52 for GM or 1.60 for Ford helps determine legal rocker ratios) may be used. **Ratio:** _____
- Studs and/or guide plates with 5/16" pushrods may be used. **Pushrod diameter:** _____
- ☐ **Adjusting Nut:** Any adjusting nut, posi loc, strut girdle may be used. No shaft type rocker assy
 - **Valves:**
 - Valve stem diameter 11/32" - 0.340" Min: _____
 - Maximum Intake diameter: GM -1.945", Ford-1.845": _____
 - Maximum Exhaust diameter: GM-1.505", Ford- 1.545": _____
 - Aftermarket performance valves and steel or aluminum retainers allowed.
 - **Valve Springs:**
 - Nominal diameter: 1.260" GM, 1.445" Ford with an allowable tolerance of ± 0.040 ".
 - GM: (1.3-1.22): _____
 - Ford: (1.485-1.405): _____
- ☐ **Pistons:**
 - Only flat top pistons with valve relief(s) are permitted.
 - Any aftermarket pistons may be used.
- ☐ **Connecting Rods.** Any aftermarket steel connecting rods may be used. **Steel:** _____
- ☐ **Timing Chain.** Use of any chain set or gear drive of dual idler design only is permitted

NOTES:

Minimum diameter of prop shaft shall be 1". Measured diameter _____.

- ☐ SE boats are to run with only two-bladed propellers.
- ☐ Ignition system may be either points-type system or HEI system
- ☐ Electronic ignition systems are not permitted. Pertronix distributor points conversions may be used.
- ☐ Vacuum pumps are not allowed.
- ☐ Exhaust is to be log manifolds, standard 4-1 headers or zoomies. No Tri-Y or merge collectors allowed

Chief Inspector _____ APBA # _____

Inspector _____ APBA # _____

Referee _____ APBA# _____

Inboard Commissioner _____ APBA# _____

Boat Owner's signature _____ APBA# _____