

National Modified Inspection Sheet (REVISED 4/20)

Regatta: _____ Date: _____ Boat # _____

- **Length:** (Min: 17' / 246 engine) _____ Weight: (1350 lbs.) _____
- **Length:** (Min: 19' / 308 engine) _____ Weight: (1900 lbs.) _____
- **Length:** (Min: 19' / 368 engine) _____ Weight: (1900 lbs.) _____
- **Length:** (Min: 18' /368 or 308 hull built prior to 1988) _____ Weight: (1600 lbs.) _____
- **Rudder**
 - Must extend 3.5" below tip of propeller: _____
 - Rudder thickness measured from top of rudder blade to 2" below rudder bracket:
 - Steel 308, 368 ci 0.5" min: _____
 - Steel 246 ci 0.375: min: _____
 - Aluminum all 1.0" min: _____
- **Fuel Type** _____ (Brand name i.e. VP-C12. Or Methanol (only for 308))
- **Gasoline**
 - Specific Gravity _____ (less than 0.800 @68°F)
 - Digatron Reading _____ (Must be negative)
- **Methanol**

Specific Gravity _____ (less than .800 @68F)
- **Engine (Max. Displacement 308, 368, 246)**
 - Bore: _____
 - Stroke: _____
 - P&G: _____ (can't be done for records)
 - Note: Displacement = Bore x Bore x .7854 x Stroke x Number of cylinders
- **368 ci Engine Option Specifics**
 - Modified with the following restrictions
 - Overhead cams are not allowed. Mushroom lifters and roller lifters are permitted.
 - Any cast iron cylinder head, as cast, available in U.S. market over the counter may be used, limited to 2 valves per cylinder. Porting and polishing is not permitted. No additional machining beyond original specifications is permitted.
 - Milling heads is permitted
 - Intake manifolds may only be mass produced, over the counter cast type. After market brands are permitted.
 - Valves:
 - Intake – 2.125" Max: _____
 - Exhaust – 1.710" Max: _____

Carb type	Primary Venturi Dia.	Measured	Secondary Venturi Dia.	Measured	Primary TB Dia.	Measured
0-4776 HP 0-80540-1 HP 0-80540-2	1.265		1.3275		1.5675	

246 Engine Option Specifics

- Gasoline Only
- Blocks and Heads must be from the OEM/OEM parts list, off road racing OEM allowed. No aftermarket blocks or heads allowed.
- Unlimited Modifications
- Carburetor Only, Maximum of 4 venturis. 1.7" Maximum Throttle Bore or a restrictor plate of 1.7". Restrictor plate thickness .750" (3/4") maximum

308 Engine Option Specifics

- Gasoline or Methanol allowed
- Unlimited Modifications
- Maximum of 2 valves per cylinder
- Push rod cam in block only, No overhead cams

Chief Inspector _____ APBA # _____

Inspector _____ APBA # _____

Referee _____ APBA# _____

Inboard Commissioner _____ APBA# _____

Boat Owner's signature _____ APBA# _____