

Wave Blasters Club Rules

SuperVee "Stock & Novice" Class

Originally Posted by **2007 NAMBA FE Nationals - PSFEMBC Spec SV27 Rules**

This class is a spec series for the AquaCraft SuperVee27® (SV27) RTR Brushless Mono in its stock form. Only a select set of well defined modifications will be allowed. The boat will otherwise remain OEM stock.

Allowed Modifications:

The SV27 must remain in stock form, using only OEM parts as delivered, with the exception of the following allowances:

- 1. Factory flex cable assembly and motor coupler may be replaced with any .150" Flex cable assembly and appropriate motor coupler. The distance from the transom to the propeller shall not be significantly altered. Motor output shaft may be trimmed to facilitate installation of motor coupler and to increase coupler to stuffing tube clearance.*
- 2. Strut housing may be clearanced at the forward end to remove interference with transom, but no further aft than the leading edge of the struts vertical mounting bracket.*
- 3. Holes in the stock trim tabs may be opened up to allow tabs to be aligned flush with the bottom of the hull. Otherwise stock trim tabs, no adjusting brackets allowed.*
- 4. Stock turn fin must be retained unmodified, but the leading edge may be sharpened. No modifications to the mounting bracket or bracket location are allowed. No additional fins are allowed. A mounting bracket for a left side fin may be present, but shall not be used.*
- 5. Stock rudder may be sharpened and water cooling hole may be cleaned up to improve cooling. No other modifications to rudder are permitted.*
- 6. Motor Water cooling jacket may be replaced. Water cooling outlet may be modified or replaced. Water cooling tubing may be replaced.*
- 7. Receiver and transmitter may be replaced. An FM Radio package is recommended.*
- 8. Any antenna may be used. Holes may be drilled in the hull to mount a replacement antenna, provided they serve no other purpose. Existing antenna hole may be filled or covered.*
- 9. The hull, from the chines up, may be painted or have graphics applied as desired. Hull bottom may be "scuffed", but must otherwise remain stock.*
- 10. Any adjustment within the designed range of adjustment for any part is permitted. No part may be modified to provide adjustment beyond the given factory tolerances.*
- 11. Fasteners may be replaced with metric or standard replacements.*
- 12. The forward portion of the wooden battery tray may be modified and velcro may be added to facilitate adjusting battery location forward.*
- 13. Hatch may be taped down. Factory locking mechanism may be removed and existing holes filled or taped over.*
- 14. Battery requirements: OEM connectors shall be retained. Any capacity Sub-C NiMh 12-cell or 4 cell (4s-1p) Lipo battery set will be permitted.*
- 15. OEM propeller shall be used. Propeller may be cleaned up to remove flashing, but must otherwise remain unmodified.*

No other modifications or substitution of parts is permitted. Any repairs required do to race damage must be done in a fashion so as to return the SV27 to it's factory specifications. Inspection for compliance with these rules will be at the discretion of the event CD, and boats exhibiting modification or unauthorized repairs beyond the scope of these rules will be excluded from competition.