

RULE 29 - TECHNICAL RULES – FREESTYLE CLASSES

29.1 OVERVIEW

29.1.1 The Technical rules for Freestyle is intended to promote the highest level of modification, handling, control and power of a personal watercraft to allow and encourage riders to perform entertaining tricks with a personal watercraft. Watercraft competing in this class must conform to the specifications which follow. There are two Amateur Freestyle classes (Class I and Class II) and Pro Freestyle.

29.2 HULL – AMATEUR FREESTYLE CLASS I

29.2.1 **Footholds:** Footholds may be installed into the foot wells. If the same watercraft is used for racing, the foot wells must be blocked off, allowing no indentation into the footwell sides.

29.2.2 **Hand Holds:** Hand holds may be installed on the hood and upper deck.

29.2.3 **Foot Straps:** Foot straps may be installed on the tray of the watercraft.

29.2.4 **Hull and Deck Repairs:** Hull and deck repairs may be made. However, these repairs must not alter the standard configuration by more than 2.00mm (0.08 in.). Hull, bulkhead and deck may be internally reinforced. Fasteners may be installed through the hull, bulkhead and deck for the purposes of securing components to interior surfaces, provided a hazard is not created. Other than for the use of fasteners, the bulkhead may not be modified. Glue squeeze-out may be removed from the hull.

29.2.5 **Hull Bottom:** The hull bottom of the freestyle watercraft must remain OEM.

29.2.6 **Top Deck:** The top deck of the freestyle watercraft must remain OEM. Hood, hood baffle, and nose cover may be modified or aftermarket.

29.3 HULL – PRO AND AMATEUR FREESTYLE CLASS II

29.3.1 **Footholds:** Footholds may be installed into the foot wells. If the same watercraft is used for racing, the foot wells must be blocked off, allowing no indentation into the footwell sides.

29.3.2 **Hand Holds:** Hand holds may be installed on the hood and upper deck.

29.3.3 **Foot Straps:** Foot straps may be installed on the tray of the watercraft.

29.3.4 **Hull:** The top deck of a freestyle watercraft may be modified or aftermarket, providing the following: The top deck must resemble the original top deck of a homologated watercraft; **length and width of top deck must be within 6.50 inch (165.1mm) in length and within 2.00 inch (50.8mm) in width of the OEM top deck of the OEM powerplant (engine) being used;** and the craft must function as originally intended. **The hull may be no smaller than the minimum measurements of the top deck. These restrictions also apply to the minimum length of the hull. The front bumper may add no more than 1.25 in (31.75 mm) to the overall length of the top deck for the purposes of meeting the minimum length requirement.** Fuel fillers may be relocated internally. The deck and hull must be joined by the same method as the original hull and deck (e.g., bonded together with a high-strength adhesive). If upper and lower components of the original equipment bond flange are separated and rejoined, they must be rejoined by the same method as original equipment.

29.4 ENGINE

- 29.4.1 **Engine – Amateur Freestyle Class I:** Amateur Freestyle Class I competitors will utilize Open class rules for engine modifications and other allowed modifications except the hull bottom and deck. The maximum displacement for Ski Division and Sport Division watercraft in Amateur Freestyle Class I competition is 800cc. For those competing on Runabout Division watercraft in Amateur Freestyle the engine displacement must not exceed 1300 cc for two-stroke watercraft and 2000cc for four-stroke watercraft.
- 29.4.2 **Engine – Amateur Freestyle Class II:** Amateur Freestyle Class II competitors will utilize Modified class rules for engine modifications and other allowed modifications except hull bottom and deck. The maximum displacement for Ski Division and Sport Division watercraft in Amateur Freestyle Class II competition is 900cc. For those competing on Runabout Division watercraft in Amateur Freestyle the engine displacement must not exceed 1300 cc for two-stroke watercraft and 2000cc for four-stroke watercraft.
- 29.4.3 **Engine – Pro Freestyle:** Pro Freestyle riders will utilize Modified rules for engine modifications and all other modifications except hull bottom and deck. The maximum displacement for Ski Division and Sport Division watercraft in Pro Freestyle competition is 1200cc. Competitor's competing on Runabout Division watercraft in Pro Freestyle the engine displacement must not exceed 1300 cc for two-stroke watercraft and 2000cc for four-stroke watercraft.
- 29.4.4 **Fuel Tank – Amateur Freestyle Class I:** Fuel tank must be OEM as supplied by the OEM manufacturer. An OEM fuel tank is the only tank that can be used to supply fuel to the engine.
- 29.4.5 **Fuel Tank – Amateur Freestyle Class II and Pro Freestyle:** The fuel tank may be modified or aftermarket. The watercraft must not vent or spill fuel at any attitude with or without the engine running. The tank must be securely fastened to the hull. The fuel filler location may be relocated.

RULE 30 - TECHNICAL RULES – SPORT SPEC

- 30.1.1 **Overview:** The Sport Spec class is a class that was created by the membership and the rules for this class will be exactly as the rules created by the membership. Any addendum or changes will be listed in the Rules section on the APBA web site. The goal of the Sport Spec class is to integrate the five eligible watercraft from several different brands into a competitive racing class. To do this, spec rules – specific rules for each model – have been designed. **Eligible Models:** Kawasaki 'Vintage' X2, Kawasaki 'New Style' X2, Yamaha WaveBlaster, Polaris Hurricane and the Sea-Doo HX.
- 30.1.2 **General Rules:** The rules and regulations below are in addition to all General Technical rules listed in Rule 23. All models may update or backdate to OEM parts from the same models of different years. Please read through the entire rules listed below as there are exceptions and limitations for certain models on specific rules.
- 30.1.3 **Sea-Doo HX:** Sea-Doo HX engine, exhaust, intake and electrical system must remain OEM stock with no alterations of any kind other than primer, oil injection block off, rev limiter and general maintenance items.
- 30.1.4 **Seats:** Original equipment seat base must be used. The seat cover and