

- i. Full modifications are allowed (crankshaft, cylinders, pistons, crankcases and more).
- j. Engine may be any number of cylinders.
- k. Minimum weight is 250 pounds.
- l. The watercraft must utilize an enclosed jet pump.
- m. The sound level must not exceed 95 decibels measured at a distance of 75 feet.

## **RULE 28 - TECHNICAL RULES – FREESTYLE CLASSES**

### **28.1 OVERVIEW**

28.1.1 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.

### **28.2 HULL – AMATEUR FREESTYLE CLASS I**

28.2.1 **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.

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

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

28.2.4 **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.

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

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

### **28.3 HULL – PRO FREESTYLE AND AMATEUR FREESTYLE CLASS II**

28.3.1 **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.

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

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

- 28.3.4 **Hull Bottom:** The hull bottom may be modified or aftermarket but cannot exceed the length or width of the original equipment upper deck component of the bond flange as measured by a plumb bob (bumpers removed). Fins, rudders, skegs and other appendages that may create a hazard will not be allowed.
- 28.3.5 **Top Deck:** 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 the homologated watercraft; length and width of top deck must be within 0.50 inch (13mm) of the original component; and the craft must function as originally intended. 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.

## 28.4 ENGINE

- 28.4.1 **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.
- 28.4.2 **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.
- 28.4.3 **Engine – Pro Freestyle:** Pro Freestyle riders will utilize Modified rules for engine modifications and all other modifications except hull bottom and deck. Engines must be from the homologated ski/hull that is used or the aftermarket hull resembles. 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.
- 28.4.4 **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.
- 28.4.5 **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.