



# USA Water Ski & Wake Sports Approved Tournament Towboats 2020



**REVISED 12/12/2019**

The following list identifies those towboats successfully meeting the 2018-2019 USA Water Ski Approved Tournament Towboat Evaluation criteria and guidelines. By meeting and /or exceeding the USA Water Ski criteria for three-event towboats, the following are now **"APPROVED"** to pull sanctioned events. Boats are approved only as tested, and must be configured with engine, fuel delivery system, propeller, and transmission as shown below.

**As Chief Driver, it is your responsibility to ensure that the Towboat Documentation Report has been completed in WSTIMS. Check with the Chief Scorer to ensure that the boats available or used during the tournament have been recorded. Use the boat models as listed below. Also, please read the Towboat Use Policy information for model year requirements.**

Boat		New/	Engine Mfr. & Model/Trans.	Propeller			Speed
Manufacturer	Model	Unmodified		Mfg / Model	Blades	Size	Control
Malibu	Response TXi	New/Modified	5.3L M5Di STD 1:1	AC 525	3	13 x 11.5 Nibral	ZO
			6.2L M6Di STD 1:1	AC 525	3	13 x 11.5 Nibral	
				AC 515* OJ 330	3 3	13 x 12 Nibral 13 x 11.5 Nibral	
MasterCraft	ProStar	New/Modified	Ilmor MV8 (6.0L) /1.26:1	OJ 709*	4	13.9 x 14.25 Nibral	ZO
			Ilmor MV8 (6.2L) /1.22:1	OJ 712	3	14 x 13 Nibral	
Nautique	Ski Nautique	Unmodified	PCM H5 (5.3L) /1.23:1	AC 654* AC 1458	4 3	12.5 x 15 Nibral 13 x 14 Nibral	ZO
			PCM ZR4 (6.0L) / 1.23:1 PCM H6 (6.2L) /1.23:1	AC 668* AC 1458	4 3	12.5 x 15.5 Nibral 13 x 14 Nibral	
	Nautique 200	Unmodified	PCM ZR4 (6.0L) / 1.23:1	AC 668 AC 1458	4 3	12.5 x 15.5 Nibral 13 x 14 Nibral	

**NOTE:** Props indicated with \* are typically the primary prop; however, boat with engines approved with more than one propeller may use any approved prop in sanctioned tournaments.

### **MasterCraft Ballast/ Weight System – Tricks Only**

The MasterCraft ProStar was tested and approved for use in the Trick event with the use of an additional ballast / weight system as configured by MasterCraft.

The ProStar can be used for tricks both: 1) with the ballast / weight system; and 2) without the system.

IF the boat is used with the ballast/weight system, it must be configured as it was tested and approved. Specifically, the MasterCraft ballast / fat sack must be installed in the bilge; under the floor compartment which is under the middle seat. The sack must be completely full when used for tricks (no partial fill). In addition, 75-pound weights as configured by MasterCraft must be installed in each of the rear compartment trays (150 lbs. total). Storage compartment trays are located under the access doors at the stern.

The ProStar is not approved with any other configuration, in other words, a user cannot simply put a ballast / fat sack or weights on the boat floor.

### **Nautique Hydrogate – 2018 & Earlier**

The Nautique Hydrogate can be set in one of two positions, slalom or tricks/jump (may not be set in between modes).

- Tricks: The default position is the trick mode. The skier has the option of using the slalom mode. It is the skier's responsibility to inform the boat crew when choosing the slalom option. The skier may choose to change the setting between passes.
- Jump: The default position is the jump mode. The skier has the option of using the slalom mode. It is the skier's responsibility to inform the boat crew of slalom option prior to leaving the dock. In Class C tournaments only, the skier may choose to change the setting between jumps.
- Slalom: The gate will remain in the slalom mode.

### **Nautique Hydrogate & MicroTuners – 2019 & Later**

The Nautique Hydrogate has 11 settings (Zero to Ten – inclusive).

- Slalom: The gate will remain in the slalom mode. Microtuners - There will be NO RE-RIDES for a setting different than requested, as long as the adjustment for the line length is within the Matrix provided by the company. If a rope length is selected that changes the MicroTuner setting (for example the proper rope length should have had the MicroTuners deployed and the chosen length did not deploy them), then a reride will be allowed. If a complete pass was made, there will be no reride.
- Tricks: The Trick Hydrogate will be 0 to 10. The default setting is Trick mode (10). The Hydrogate may be adjusted to a setting from 0 to 10 of Slalom (0), Middle 1 to 9 or Trick mode (10). The skier may choose to change the setting between passes.
- Jump: The Jump Hydrogate will be 0 to 10. The default setting is Jump mode (10). The Hydrogate may be adjusted to a setting of Slalom (0), Middle 1 to 9 or Jump mode 10. It is the skier's responsibility to inform the boat crew his Hydrogate setting prior to leaving the dock. It will remain in that position for his/her turn

### **Ski Nautique Ballast System – Tricks Only – 2019 & Later**

If equipped, the ballast system starting level may be chosen by the skier (0%, 25%, 50%, 75%, or 100%). The skier may select +/- 50% for his second pass based on his first pass selection. The LOC along with the CJ may set a maximum upper ballast level. If so, the skier may not exceed that limit when selecting a second pass change.