



Drag Boat Classes

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Top Fuel Hydro

The fastest accelerating boats in the world are the most recognized of all drag boats. These missiles are capable of covering the liquid quarter mile in less than 4.6 seconds at speeds in excess of 250 MPH. They are powered by supercharged, fuel injected nitro-methane-burning engines that produce more than 5000 horsepower.



Top Alcohol Hydro

Bear a striking resemblance to the Top Fuelers, but they burn methanol. Like their counterparts, they are limited to 564 cubic inches of motor and four valves per cylinder, and are powered by supercharged, fuel injected engines that produce more than 3000 horsepower. These boats can cover the liquid quarter mile in less than 5.3 seconds at speeds of 235 MPH.



Top Alcohol Flat Bottom

These boats are often referred to as the "funny cars of drag boat racing". The engine restrictions in a Top Alcohol Flat are identical to those of the Top Alcohol Hydro Class, except screw type blowers such as a Whipple or PSI are not allowed in this category of racing. Operated by the foot pedals that control the throttle and cavitations, these boats are extremely fun and exciting to watch, especially at the starting line where it is not uncommon to see a boat launch so hard that it virtually jumps completely out of the water. These boats are capable of running at speeds in excess of 175 MPH in as little as 6.4 seconds through the liquid quarter mile stretch.



Pro Competition Eliminator

Pro Comp Eliminator has many different boat classes grouped into one, with rules regulating hull design and engine specifications. Each class runs off an index that is generated by the ET record of the class. Each class does qualifying, then is paired up for eliminations by running as close to or under their index. The starting clock "handicaps" the start of each class.

Pro Competition Eliminator class listing:

| | |
|-------------------|-------------------|
| Blown Gas Flat | Blown Gas Hydro |
| Pro Gas Flat | Unblown gas Hydro |
| Pro limited Flat | Comp Jet |
| Comp Flat | Blown Alcohol Jet |
| Unblown Gas Flat | Blown Gas Jet |
| Pro limited Hydro | Pro Gas Jet |
| Comp Hydro | Pro Limited Jet |
| Pro Gas Hydro | Unblown gas Jet |



Pro Mod

This class of hydros runs against a 7:00 second index. Any internal combustion automotive type engine is permitted, either blown or unblown, and they can run on either gasoline, methanol and/or nitrous oxide. The most popular choice of engine and fuel combination is a supercharged engine on methanol with roots-type blower.



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Pro Eliminator

These boats run against an 8:00 second index. Any hull configuration is acceptable, any type engine is permitted, and there is no cubic inch restriction. Gasoline, methanol and/or nitrous oxide are allowed.



Top Eliminator

This class of boats runs on a 9:00 second index. Any hull configuration is acceptable (hydro, flat, jet or outboard) any type engine is permitted and there is no cubic inch restriction. Gasoline, methanol and/or nitrous oxide are allowed.



Modified Eliminator

These boats feature a variety of hull and engine makes and models, just as in the Pro and Top Eliminator classes, but Modified Eliminators are held to a 10:00 second index. Again, there are no cubic inch restrictions and gasoline, methanol and/or nitrous oxide is allowed as a fuel source. One of the most popular classes it is not unusual to see as many as 30 participants in the highly competitive class.



Stock Eliminator

This class also uses a heads-up start but the competitors cannot run any quicker than 11:00 seconds or they risk being eliminated from competition by virtue of a break out. Stock Eliminator features hydros, flat bottoms, jets and outboards. There is no cubic inch limitation on the engines which can be run on gasoline, methanol and/or nitrous oxide.



River Racer I and II

This is a class that anyone can be competitive in, and it's fun and affordable, as well. This class encompasses an array of hydros, flat bottoms, jets and outboards and engine modifications are virtually unlimited. River Racer I category is held to a 12:00 second index and boats competing in River Racer II category can run no quicker than 13:00 seconds without risk of being eliminated from competition.



Personal Watercraft (PWC)

This class was introduced to give youngsters a chance to experience the thrill of competition under safe racing conditions. Personal Watercraft I is for kids ages 10-14, and PWC II is for ages 15 and up. All riders age 16 and under are required to have written permission from a parent or guardian before registration will be accepted. All racers must have their watercraft and safety equipment pass technical inspection before being allowed to race.