



# 19<sup>th</sup> Mark Hahn Memorial 300

## Race Rules V1.4

### January 28th, 2023

February 25 (Saturday) 2023  
Ross Wallach

**Note: All times are local Arizona time**

**IJSBA Membership**- All riders (co-riders as well as primary riders) must hold a current IJSBA membership in your correct skill designation (ie: pro, expert, novice, etc.). The IJSBA provides a master membership list. If you are not a member, or your membership is not current you may pay for membership at registration. This must be done prior to being arm-banded for the event. This is an IJSBA Sanctioned event and the IJSBA Rule Book will be enforced where applicable.

**Awards Dinner** - The dinner will be in the Relics & Rods Hall at the Lake Havasu Aquatic Center. Each arm banded, paid rider of record will receive one complimentary pass to the dinner. Other tickets for the dinner must be purchased for \$30 per person in advance, or at the door prior to the ceremony. Only such ticketed/arm banded people will be allowed into the hall. The on-site payments must be made by cash or check only, no credit cards. No host bar opens at 6:00 pm, awards presentations begin at 7:45.

**Boat Race Numbers** - It is the responsibility of the racer to have visible, legible numbers on the race boat. This has not always been the case in the past and it will be enforced. No duplication of race numbers allowed. First paid entry has first right to use a number. Others may add an X (legible) to the number if tech director approves.

**Boats & Equipment** - All boats entered in the event must be currently registered watercraft (with which ever State is appropriate), and must carry ALL required USCG equipment at ALL times, and must be complete at the end of the race. All riders must wear approved safety equipment at all times while operating the boats. Any violators will be penalized, or may be disqualified. No one without an event arm band may operate a boat on, or near the race beach during the entire race day.

**Camp & RV sites** - Lake Havasu State Park 877- MY- PARKS. We strongly suggest that you make your reservation NOW if you want a space of your own.

**Civilian Traffic** - Please remember at all times that we will be operating on the Lake along with normal boating traffic. Any dangerous passing, discourteous or unsafe operations will result in penalties. This is not a closed course event, we must respect all normal civilian boaters, and display courtesy at all times. Our turn, official, and chase boats will be observing for your safety as well as to preserve the ongoing ability to stage events like this. It is with thanks to the US Coast Guard and the Bureau of Land Management that we are able to produce this event, and their rules must be observed.

**Credit card payments** - Credit Card will be processed upon receipt of online registration after January 23rd. Credit Card, Cash or check is acceptable onsite, late fee's apply after January 23<sup>rd</sup>. Your Credit Card will show "RPM Racing." – Online registration link: <https://form.jotform.com/230285979298172>

## Classes -

### **Pro/Am Open:**

\*This is a runabout class

This class will race using the IJSBA Runabout Open Class per the IJSBA 2019 Rule book per the IJSBA Rule book:

Key class specific details:

IJSBA ROP.3.2 Aftermarket hulls may be used, on watercraft homologated in numbers of 500 or higher. Hulls must be approved and homologated by IJSBA. The upper deck will not be restricted to OEM to the extent that the upper deck is an exact replica of the original equipment deck with no change in dimensions or scale.

\*The engine must match the top deck manufacturer example: SeaDoo top deck must run a SeaDoo engine, etc.

Engine Size: 2000cc limit maximum

### **4 Stroke Stock:**

\*This is a runabout class

No changes have been made to the class rules, same as the 2021 Mark Hahn race

Engine Size: 1800cc limit maximum

Per IJSBA Rulebook

### **Vet/Master Open:**

\*This is a runabout class

No changes have been made to the class rules, same as the 2019 Mark Hahn race

Age 35 and up

Engine Size: 2000cc limit maximum

All boats must have OEM engines by the same mfg. as hull. No GP style boats allowed.

### **Manufacturers Stock:**

\*This is a runabout class

No changes have been made to the class rules, same as the 2019 Mark Hahn race

Engine Size: 1800cc limit maximum

As from the factory, showroom stock. NO MODS ALLOWED, only exceptions:  
aftermarket grips and aftermarket seat cover (no custom seat), lifting wedges are prohibited.

### **Runabout 1100 Stock:**

\*This is a runabout class

No changes have been made to the class rules as they appear in the IJSBA rulebook.

Engine Size: 1100cc limit maximum

Exception: This class allows maximum of 3 riders.

As from the factory, NO MODS ALLOWED, only exceptions as prescribed in the IJSBA rulebook.

### **4 Stroke NA Open:**

\*This is a runabout class

No changes have been made to the class rules, same as the 2019 Mark Hahn race

Engine Size: 1800cc limit maximum

maybe modified, however no supercharger(s) or turbo charger(s)

allowed and all boats must have OEM engines by same mfg. as hull. No GP style boats allowed.

### **4 Stroke Mod Stand Up:**

This class will race using the exact class rules as the 2021 IJSBA World Finals Pro Ski Modified Class with the following rules for the fuel tanks and filling of the PWC.

a.) Aftermarket Hull's are acceptable, however must use original fuel tank supplied by PWC engine manufacturer for that specific PWC engine.

b.) Fuel Tank must be one inlet only at front, no additional tanks are allowed. No additional or oversized tank vents are allowed. No Dry-Break Systems are allowed

## **Four Stroke 1050 Lites:**

This class will race using the exact class rules as the 2021 IJSBA World Finals 4 Stroke Lites Class with the following rules for the fuel tanks and filling of the PWC.

- a.) Must use original fuel tank supplied by PWC engine manufacturer for that specific PWC engine.
- b.) Fuel Tank must be one inlet only at front, no additional tanks are allowed. No additional or oversized tank vents are allowed. No Dry-Break Systems are allowed.

## **Sportsman Two Stroke Standup :**

- a.) Must use original fuel tank supplied by PWC engine manufacturer for that specific PWC engine.
- b.) Fuel Tank must be one inlet only at front, no additional tanks are allowed. No additional or oversized tank vents are allowed. No Dry-Break Systems are allowed.

## **Fueling rule see below -**

### **2023 STAND UP FUELING RULE FOR ALL CLASSES**

Fueling must be done with Coast Guard approved fueling jugs/containers. No electric fuel pumps, towers, pressurized fueling systems are permitted. Gravity fed and or hand held fuel jugs are the only fueling sources permitted. If you have any question in regards to this new fueling rule you must contact Ross Wallach email: rpmracingent@yahoo.com

**Note: All racer(s) must designate which class they are entering at the time of registration and safety/tech inspection (prior to the race). If after the race the contestant is found to be "illegal" or not in the right class he/she will be immediately disqualified.**

The team rider format allows up to 2 riders per runabout and 3 riders per stand up.

It is no longer OK to enter multiple classes. One boat, one class.

**Fuel** - All fuel must be stored in your own pit area. You may not use electric transfer pumps in the hot pits. No fuel is permitted to be within twenty feet of the water. This includes fuel in the back of your truck, Rhino, quad or trailer while you are launching or retrieving. All fueling must be done only in the designated hot pit area just above the launch ramp during the race. No fuel is available for purchase on site, however there is race fuel, Avgas and conventional fuels available at gas stations within a mile of the race site. You are responsible for removing (completely from Lake Havasu State Park) and disposing safely of any drums, waste, refuse, oil, batteries or other waste that you may generate during the race.

**Fuel Tanks in Runabouts** - No additional fuel tanks of any type may be added to any runabout. Only stock OEM fuel tanks with stock fuel capacity are allowed. Quick Fills may be used on Runabout boats, however not in Manufacturers Stock. Oil injection tanks may not be used to hold fuel. No modifying or drilling into any fuel tanks allowed. All boats will be checked during inspection prior to the race. Quick Fills/drybreak systems may be used on Runabout boats, however not in Manufacturers Stock class. Drybreak systems are permitted, however the system must comply with current safety standards and must be approved during inspection prior to the race. Fueling must be done with USCG approved fueling jugs/container No electric pumps, towers, pressurized fueling systems are permitted. Gravity fed and/or hand held jugs are the only fueling sources permitted.

**Hot Pits/ Race Re-Fueling** - All fueling operations must be performed in the fueling area, this is in the "staging area" at the top of the launch ramp. You must have a towel or an absorbent fuel spill "diaper", and absolutely no fuel may be spilled. You will be penalized for any fuel spills, so take your time fueling, and use the absorbent towel for added safety. This is an issue of serious environmental concern, so be careful. This area is considered the Hot-Pits, and no smoking will be allowed in the area, and only arm-banded people will be allowed in. Maximum of 8 pit crew members for 1 runabout and 4 pit crew members for stand up. Any crew member that will be in this area, or in the water (holding your boat) must be arm-banded. They can do this by going to registration before the race and signing the waiver. Remember, the boats must be fully removed from the water and proceed to the designated fueling area.

## **Hot Pits/Race Re-Fueling (cont'd):**

All fuel cans/jugs may not go over the water and must stay on your quad or trailer when you back into the water to remove your boat. This is a Federal requirement and will be enforced by us, the US Coast Guard and the Bureau of Land Management. Any violations will result in penalties and/or disqualification. No one under ten years of age is allowed into hot pits. All equipment must be cleared to allow room for the Le Mans start. No Open Toed shoes (ie: Flip Flops) are allowed in the Hot Pits.

**Insurance - Participant Medical** - Be advised that there is NO participant medical insurance coverage provided for this event. **You must personally assume all responsibility for any and all medical expenses incurred during the event.** You will be required to sign a waiver at check-in/registration on Saturday stating that you understand this, and have such coverage as is appropriate.

**Minimum Age** - Riders must be at least 16 years of age on the day of the race to compete unless specifically approved by Race Director or Race Committee.

**Officials** - Decisions of officials will be final. Race Committee consists of: Race Director Ross Wallach, Event Director/Course/recovery director Ken Lowry, Operations Manager Dawn Carey, Asst Operations Manager Ken Sorenson or the Technical Director, Rich Boell

**Parade Lap** - After the rider's meeting a lap of the course is scheduled for 9:00 am. This is optional. Any boat/rider wishing to go will follow the course marshal boat (flagged) around the course at about 25 mph. You must stay behind this boat, and again, remember, you must merge and operate at all times with civilian traffic on the lake. You have no right of way privilege, and the course is not closed. At the conclusion of this lap if you wish to re-fuel your boat goes to the hot-pit area and do so. Remember, the boat/ski must come completely out of the water to refuel in the designated fueling area. All race fueling rules will be in effect; no spillage will be allowed, and only arm-banded crew members may be inside the fenced area. At the conclusion of the re-fueling prepare to stage for the start.

**Parking/Pit & Equipment note** - You may not bring any vehicles larger than a pick up and a ski trailer/enclosed trailer into the pit area parking lot at Windsor Launch Ramp at Lake Havasu State Park. No exceptions, do not ask. This includes motorhomes and any other vehicles.

**Payment** - All pre-registered entries must be paid in full by January 23rd. Any payments received after January 23rd will be charged a \$75 late fee. Any new entries filed after January 23rd will be charged a \$75 late fee.

**Penalties** - Penalties for violations of safety or environmental rules or practices will begin with a two-lap penalty. Penalties for course violations will begin with a one lap penalty. In addition, violators may be subject to citations and fines from the Bureau of Land Management, US Coast Guard and US Fish and Wildlife Service as well as the Lake Havasu City Police Department, Mohave County Sheriff's Office or the San Bernardino County Sheriff's Department. (All of these entities are involved in the permitting process for this event). **ANY FINES IMPOSED ON THE EVENT WILL BE CHARGED TO THE OFFENDING COMPETITOR.** Minimum of 1 lap penalty for cutting course and min. 30 sec. penalty for missing chicane buoy.

**Practice** - NO practice on the course is permitted other than the parade lap.

**Payout** - All prize fund amounts will be announced at the riders meeting the morning of the event. Any and all payouts (any purse, etc.) will be paid by check and will be in the US mail the Wednesday following the race as that is when the results become final and official.

**Race Course** - This is subject to change. **It is to be noted that the race course crosses the path of the ferry boat running between the Bridgewater Channel and Havasu Landing at two places. You are to come no closer than 50' to this boat at any time. Failure to keep this distance will result in a penalty.** A signed, flagged turn boat will be located at each turn. You must go around the outside of the turn boat. Any passing of the turn boats dangerously close (determination of officials) will be penalized. Remember, if the scorers cannot read your number, you may not be scored for that lap. This is your responsibility, not the scorers.

**Race Boat Repairs** - May not be made in the hot pits. You will use the hot pits for fueling and rider change only. If repairs are needed you must remove your boat from the hot pits and take it to your own pit in the designated pit area. Only fueling, adding oil, tightening of the scoop grate, ride plate and adjusting mirrors may be done in the designated fueling area, anything else is at the discretion of the Race Director, however ALL major repairs/fixes must be done in the individual racers own pit stall.

**Race Site** – Lake Havasu State Park, Windsor Launch Ramp, Lake Havasu City. Entrants, pit crews, families and spectators all must pay entry fee to Lake Havasu State Park at the main gate upon arrival. This fee applies to all vehicles, including your pit/tow car/truck. Please remember, we are the guests of the park and the park is full with campers. Conduct yourselves accordingly.

**Race Completion** - The race will be deemed completed when the first boat has completed 30 laps. A shotgun will be fired and the checkered flag will be waived. That will be the winner of that class, and the remaining field will be ranked as they complete the lap that they are on at that time, first by quantity of laps completed, then finishing order to determine the various class winners and positions. At that time all boats will leave the water upon completion of the lap that they are on. In the event that the race committee determines it necessary and unavoidable to terminate the race without the possibility of restarting it later during the same day as long as one lap has been completed by one boat it will be considered completed and scored as per the results of that lap. There is no possibility of rescheduling the race and no refunds will be made.

**Race Pits** - You may not establish a pit area before Saturday, 6:30 am. No boats may be started, or launched prior to 7:00 am Saturday, race day. The Pits will be designated and are not to be confused with the Hot Pits which is the launch ramp and adjacent staging area for fueling. No one under the age of 16 may operate any motor vehicle (pit bike, Rhino, quad, etc.) on the race beach, roads or site at any time or you may be subject to a fine from the property owner and/or penalties applied to that race boat. Stand ups must fuel out of the water at a designated area on Point Beach.

**Rescue/ Towing on Course** - It is required that you carry some sort of flag (it can be just a piece of red or orange fabric) to wave in order to help the patrol/safety boats find you in the event your boat stops on the course. If needed they will tow you back to the pits. It is highly recommended that you carry a cell phone in a waterproof container to also facilitate locating you.

**Registration & Check-In** - Registration will be conducted in the parking lot at the Lake Havasu Aquatic Center parking lot from 10:30 am until 6 pm on Friday, Feb 24. Registration is only open by prior arrangement on Saturday morning. You must check in, sign the waivers in person, and be arm-banded prior to setting up your pits. No arm- bands will be issued unless your entry is paid in full. All entries must be paid in full by Friday, February 24<sup>th</sup>.

**Rider's Meeting** - Is scheduled for 8:00 am Saturday morning on the beach area behind the hot pits. It is mandatory that you attend, there may be a roll call.

**Scoring** - Is based upon your number being read by the scorers as you pass the scoring tower at the start finish line between the checkered buoys at the completion of each lap.

**Note: All racer(s) must designate which class they are entering at the time of registration and safety/tech inspection (prior to the race). If after the race the contestant is found to be "illegal" or not in the right class he/she will be immediately disqualified**

**Scoring Tower** - This will be located on the main beach, just west of the hot pits at/near the water line and you will pass through a chicane of buoys and then between two checkered buoys. The purpose of this chicane is to cause you to pass the scorers at a speed such that your numbers can be read by them

You must pass the scoring tower close enough and safely enough for the scorers to read your numbers. Any spraying or splashing of the scorers may result in a penalty, subject to the discretion of the race committee. THIS IS SOLELY YOUR RESPONSIBILITY! You may not enter into the area inside of these buoys other than through the chicane or the entrance/exit lane to the hot pits. You will be penalized if you do.

**NOTICE: NO ONE IS TO GO TO THE SCORING TOWER. PERIOD. IF YOU HAVE QUESTIONS TAKE THEM TO THE RACE DIRECTOR ON THE BEACH.**

**Starting Procedure** -A maximum of 2 holders of each boat's team (must be arm-banded, as must the rider) will hold the boat, engine off, and the runabout riders will, showing their safety lanyards on their boat. At the conclusion of the 1-minute countdown, the starter's gun will be fired and the race will commence. Riders must pay careful attention to avoid race traffic and observing all civilian traffic. You should maintain your lane until you pass the buoys marking the entrance/exit to the hot pits at the perimeter/no wake line. You must hold your lane on all entrances to and exits from the hot pits. Remember, **you do not have the right of way**, you are running on a non-closed course and the safety of everyone is of paramount concern.

**STAND UPS NOTE:** *you will stage and line up for the start on the designated area of the beach. The Stand-Up start will be 1 minute after the runabout start. A gun will be fired signifying the standup start. Any standup jumping this start will be penalized one lap. There will be NO restarts after these two!*

**Technical Inspection (& questions)** - All boats must undergo a safety & technical inspection to verify their race classification. See class rules above. This will be done at registration in the parking lot at the Lake Havasu Aquatic Center on Friday between 10:30 am and 6 pm. Late inspection by special arrangement will be done at the pits Saturday morning between 7 and 8 am. To schedule a late inspection or to ask technical questions please contact our race director, Ross Wallach (310) 318-4012 or Rich Boell, Tech Director (510) 715-6182

**Transponders** - The 19<sup>th</sup> Annual Mark Hahn Memorial race may be scored electronically. If so, each team will be required to register when they check in on Friday and rent a transponder. The cost for this will be announced, and the team will be responsible for the nominal value of the unit until it is returned to our satisfaction. You will mount the unit in the front compartment of your hull and when you cross the scoring loop under the water in the lane next to the scoring boat your passing will be automatically recorded. The system will be backed up manually so all previous scoring/passing/numbering rules apply fully. If the transponder becomes loose in your boat the electronic scoring may become intermittent. This is your responsibility.

**Waterfowl & Migratory Bird Mitigation Plan** - The United States Coast Guard (Coast Guard), working in conjunction with the U.S. Fish & Wildlife Service, has requested that all event sponsors/applicants conducting regatta involving motorized boats in Lake Havasu and other locations in the Colorado River implement the following measures in order to avoid impacts on water fowl and other bird species that may be present in the proposed event areas.

**Participants** - Participants will have the obligation to visually scan the perimeter of the race course prior to the start of the race. If any participant should spot any water fowl or other bird species then that participant shall alert the race director or starter of the presence of the birds. The race director or starter will instruct the course marshals to evacuate the water fowl prior to

the start of the event. During the event, if a participant spots any water fowl or other bird species in the event area or race course then that participant shall attempt to point at it when passing the nearest course marshal. The course marshal shall take steps to evacuate the water fowl from the event area or race course. If any bird is in the path intended to be traveled by the vessels the race will be aborted until the bird is safely clear from the path of travel.

**Perimeter Patrol & Tow Boats** - The perimeter patrol & tow boats will regularly scan the outside edge of the race course to ensure that water fowl have not entered or are about to enter the event area or race course. Perimeter patrol will move towards water fowl at a slow speed to encourage the water fowl to leave the race course. Perimeter patrol will carry air horns to use sound methods to encourage the water fowl to leave the event area or race course. If water fowl is well within the race course, perimeter patrol will alert race director/course marshals to remove water fowl from the race area. Perimeter patrol will alert the race director or race starter not to begin the event until after the birds have left the event area.

**Course Marshals** - Course Marshals will regularly scan the entire event area of the race course to ensure that water fowl or other birds have not entered or are not anywhere in the event area. Course Marshals will move towards the birds at a slow speed to encourage the birds to leave the event area or race course. Course Marshals will carry air horns to use sound methods to encourage the birds to leave the race course. Course Marshals will alert the event leader or race starter not to begin a race until the area is clear of the birds.

**Race Director/Race Starter** - The race director or race starter will not start any race until the race director & race starter have completed their own scan of the permitted area to ensure the event area is clear of birds. The race director or race starter will have a pre-start period for perimeter patrol and course marshals to report the presence of any bird in order for the start to be delayed until the birds have been successfully evacuated.

All of these instructions will be given to all event participants and announced at all riders' briefings. These rules & notes are as of January 28, 2023, and are subject to change without prior notice. Please email us with any questions you may have;

**Ross Wallach – rpmracingent@yahoo.com**

**Mike Follmer - Mfollmer@aol.com**

**Rich Boell - rich.tradewinds@gmail.com**

**Dawn Carey – dawn.rpmracing@gmail.com**

