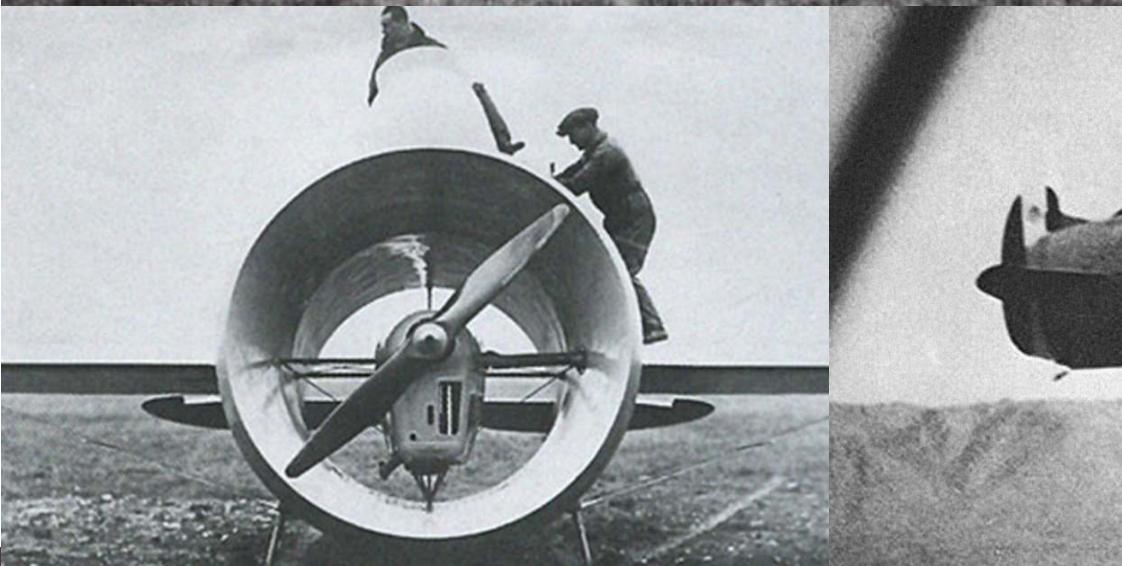


FLIGHTLINE

NEWSLETTER OF THE PALM BEACH RADIO CONTROL ASSOCIATION



CAPRONI FLYING BARREL - 1932



AMA Club# 1016

ONE OF THE LARGEST AMA CLUBS IN AMERICA

Summer 2022



The Palm Beach Radio Control Association

Current Board of Volunteer Directors

<i>John Tice</i>	<i>President</i>
<i>John Scaduto</i>	<i>Vice President/Webmaster/Newsletter Editor</i>
<i>Princeton Rose</i>	<i>Treasurer</i>
<i>Ellen Hoffman</i>	<i>Secretary and Membership Chair</i>
<i>Joe Ramos</i>	<i>Safety Coordinator</i>

Please use the following email address to contact any of the Directors: pbrca.info@gmail.com

Membership Meeting Dates!

ALL DATES ARE TENTATIVE

<i>July</i>	<i>NO MEETING</i>	<i>Summer break, no meeting.</i>
<i>August</i>	<i>NO MEETING</i>	<i>Summer break, no meeting.</i>
<i>September</i>	<i>10th, 2022</i>	<i>10:00 AM at Westervelt Field.</i>
<i>October</i>	<i>8th, 2022</i>	<i>10:00 AM at Westervelt Field.</i>
<i>November</i>	<i>12th, 2022</i>	<i>10:00 AM at Westervelt Field.</i>
<i>December</i>	<i>10th, 2022</i>	<i>10:00 AM at Westervelt Field.</i>
<i>January</i>	<i>14th, 2023</i>	<i>10:00 AM at Westervelt Field.</i>
<i>February</i>	<i>11th, 2023</i>	<i>10:00 AM at Westervelt Field.</i>

For more information and upcoming events please visit the Calendar page of the PBRCA Website

<https://www.palmbeachrc.com/calendar>



John Tice – President

Summer is a time we learn to take time for a break from jobs and some responsibilities so we might relax and enjoy ourselves. Not just vacations but more time outside. If you come from the north, like so many of our members, you grew up with an outdoor season and an indoor season. We are so fortunate here in South Florida that we really don't have much of an indoor season. In fact, I argue that we tend to run indoors from the summer heat so we can relax in air conditioning. What we do have in the summer here is a gentle and predictable wind pattern. Wind is a big factor in our hobby. This is true across the wide spectrum of Radio Controlled flight. While experienced pilots with large heavier aircraft are less affected by wind, you find less of these pilots out on days where the wind is strong or crossing the runway. With the lighter models it is even more challenging to fly on days with gusty or changing wind patterns. We can learn to fly in wind, but the real issue is it really becomes less fun. If you have to fight to keep your aircraft where you want it and struggle to land it in one piece, the fun goes away quickly.

A little study of our (south Florida) historic weather patterns will show that our lightest winds occur May through September (except storms) and our windiest months tend to be during our short spring and fall. In our winter, we do get those fronts which occasionally sweep down with a cold front that brings rain and clouds followed by a cool and clear period of higher pressure. Some of the cool days following front passage are fantastic flying days. Of course there are exceptions and we should be prepared for anything.

The best new pilot training is now while the winds are light often out of the southeast. I encourage our newer pilots to get comfortable flying in BOTH traffic patterns when the winds shift. A different wind direction shouldn't keep you from coming out and enjoying some quality hobby time. Don't get stuck preferring a left or right pattern. A little bit of crosswind is also something not to be afraid of. Talk to some our more experienced pilots about those special techniques required for crosswind landings.

Make sure all pilots in the "box" communicate and agree on a traffic pattern change while in flight in the event the wind shifts. This happens and can be safely done if all pilots flying agree. One of the prime safety requirements is that all aircraft fly the same general pattern direction.

So, each season brings with it different conditions in which to fly different type aircraft and experiences.

Bring your lighter planes out and enjoy the summer!

John E. Tice
President



Palm Beach Radio Control Association
www.palmbeachrc.com

John Scaduto –

Vice President/Webmaster/Newsletter Editor

First off, I'd like to thank Kal Blake and Ted Murphy for transporting and fixing the boat. It now has a new lease and is ready to go. Please contact a board member if you ever need to use it, thanks Kal and Ted!

Next. I hope you're enjoying the new style and layout of the newsletter. If you'd ever like to share anything you find interesting with your fellow Club members, please feel free to forward me the information.

I want to make sure you're aware that we have a Classified page on the website where you can try to sell your wares. It's an active page and while items aren't brought to me that often, there are currently several planes available there now.

<https://www.palmbeachrc.com/classified>

Yunkers – CL1



Dynaflite Super Decathlon



Focus Sport Pattern Plane



Multiplex Heron



As always, if you have any photos that you'd like to share with the Club and have published please email them to me. I have also begun a Helicopter page for our aviation brothers which will be updated over time.

Finally, I'm excited to be heading up the 2022 National Model Aviation Day with neighboring Clubs Vista View Flyers, Opa Locka Flying Tigers, and the Aero Modelers of Perrine (AMPS). The event will be held at the PBRCA Westervelt Field on Saturday, August 13, 2022. Check out the "Upcoming Events" scroller on the Calendar page and click into the link to get more information: <https://www.palmbeachrc.com/calendar>

John



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Princeton Rose – Treasurer

PBRCA's Operating Expenses-Part 2

A note from your Treasurer.....

In the April 2022 newsletter we talked about our major operating expenses and noted that our membership dues sufficiently cover the operating expenses. We also noted that our largest expense is for the two portable restrooms followed by the cost for fire ant control, and that the other operating expenses were for the website, printing, postage and mailing, AMA registration, and for our annual federal and state of Florida corporate filing requirements.

Some readers may have noticed the absence of the cost for operating our field camera and weather station. The monthly operating costs and ongoing maintenance costs are currently excluded from our budget because these expenses are borne by club member, Chris Lavin. Note that Chris also donated the camera, weather station, internet hotspot, power supply, and supporting equipment, that allow us to remotely connect with the filed to see a portion of the runway and get accurate weather data.



Chris Lavin

Many of us rely on these data and casually expect that they will get access to them when needed. We owe Chris a big THANK YOU for this "privilege."

Princeton
April 2022



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Ellen Hoffman – Secretary and Membership Chair

Hi all. Just a quick reminder for our members, old and new; the expiration date of your PBRCA club card is directly tied to the expiration date of your AMA membership. When you get the notice from the AMA that it is time to renew, take another moment and renew your club membership. It is so simple to do right online with PayPal or a credit card, or just drop an application in the mail with a check for your dues. And remember, you can only get a two-year PBRCA membership if you have a two-year AMA card. Let's keep up the good work in promoting the fun!

Have a great summer everyone and continue to fly safely!

Ellen Hoffman
Club Secretary and Membership Chair



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Joe Ramos – Safety Coordinator

In the spirit of June being National Safety Month...

We have had some recent items that have made headlines as well as an incident at the field the past month or so.

Let's make sure that we are all keeping our field and everyone around us safe.

Please make sure you are aware of the rules of the club, they are listed on our website at PalmbeachRC.com.

If you should see a new person to the field or anyone not following the rules, please kindly ask them to review the rules that are located at the field on the sign, and or visit the website. Please back each other up; it only takes one bad apple to ruin it for all of us.

We had an incident where someone went out into the woods alone, yes, they did have their phone, but as we have mentioned many times in the past, your phone may get wet or damaged, especially in the rainy months. Well, this is what happened to that person. Another member got concerned since the individual was out for such a long time and could not get in touch with them. The local sheriff's department was called, and they expended resources with a drone and foot patrol. We were blessed that the person was just a bit tired and hot and explained what happened.

In May there was a disc golfer attacked and killed by an alligator after searching for their frisbee. This did not happen at our field, but it does go to show you that the water and the water line can be a hostile place, so please be smart when by the water or in the woods as we have a lot of not so cuddly creatures.

If you have concerns or questions, please reach out to us.

Safe Flying everyone!

Joe Ramos

Chief Training Officer

The Palm Beach Radio Control Association has instructors offering **NO CHARGE** lessons to members interested in learning how to fly radio-controlled aircraft.

If you would like to volunteer to be a trainer, please contact a member of the board.

TRAINERS ARE NOT RESPONSIBLE FOR DAMAGE TO YOUR AIRCRAFT



FEATURE ARTICLES

Do you get your cable TV services from Xfinity?

Assuming you're into Aviation, which I'm guessing you probably are, you may be interested in knowing you can subscribe to an Xfinity add-on called "Air2Air."



For The Pilot In All Of Us!

Air2AirTV.com is a unique streaming, on-demand subscription service that delivers dynamic network-quality, high-definition aviation films (thousands of them) on your iPad, iPhone, Android device, laptop, or home television set. The films include historic and modern footage never seen before. There's something for everyone: warbirds, interviews with aviation icons and WWII pilots, antique and aerobatic aircraft...the world of aviation at your fingertips. It's commercial free...pure aviation!

The principles of Air2AirTV have very likely produced more aviation television than anyone in the media business. They have collaborated to produce seven aviation-based cable television series, consisting of some 1,500 shows that total over 1000 hours of running time. The team has received over 40 national and international awards for creative excellence for this work, including the National Aviation Hall of Fame's Combs Gates Award.

Subscription cost as an add-on to Xfinity for me is: \$4.99 per month.
Your experience may vary.

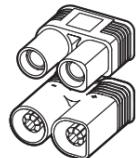


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Do you know your connectors?

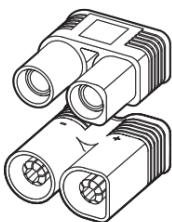
While they may go by different names, here are some of the more popular connectors we use for our RC aircraft, courtesy of Horizon Hobby.

EC2™ Battery



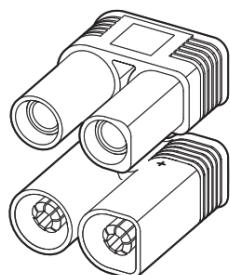
EC2™ Device

EC3™ Battery



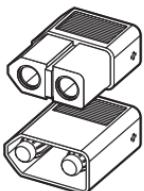
EC3™ Device

EC5™ Battery



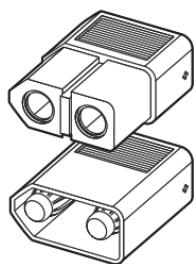
EC5™ Device

XT-30 Battery



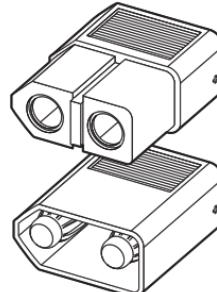
XT-30 Device

XT-60 Battery



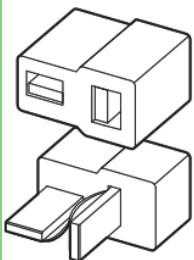
XT-60 Device

XT-90 Battery



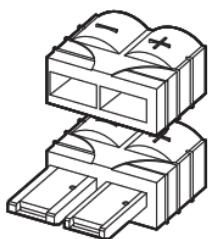
XT-90 Device

Deans Battery



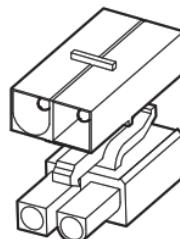
Deans Device

Traxxas Battery



Traxxas Device

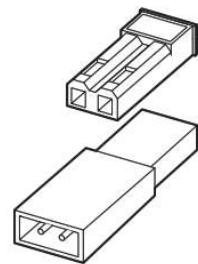
Tamiya Battery



Tamiya Device

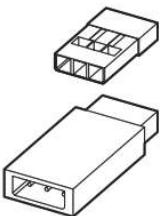


JST/ RCY Battery



JST/ RCY Device

"S" or Universal
Servo/Receiver Male



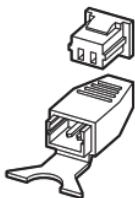
JST-ZH3 Battery



JST-ZH3 Device

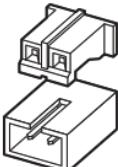
"S" or Universal
Servo/Receiver Female

Ultra Micro Battery



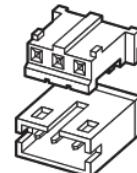
Ultra Micro Device

MCPX JST/Ultra Micro
High Current Battery



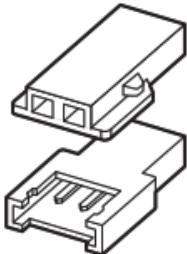
MCPX JST-PX Device

JST-PH Battery



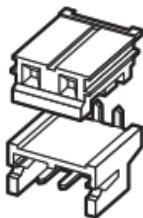
JST-PH Device

Losi® Micro-T Battery



Losi® Micro-T Device

White Transmitter Plug
Battery



White Transmitter Plug
Device



Do you shop on Amazon?

Donate to the Academy of Model Aircraft (AMA) when shopping on Amazon.

Amazon has a feature called 'AmazonSmile' that allows you to donate to your favorite charitable organization: AMA!!

AmazonSmile is a way customers can support their favorite charitable organization every time they shop with Amazon, at no additional cost. AmazonSmile is a way customers can support their favorite charitable organization every time they shop with Amazon, at no additional cost. Customers who shop at smile.amazon.com will find the same Amazon they know and love, with the added bonus that AmazonSmile will donate a portion of the eligible purchase price to the charity of your choice.

Get more details by clicking the following link:

<https://www.aboutamazon.com/news/community/how-to-sign-up-for-amazonsmile>

Your AmazonSmile Impact

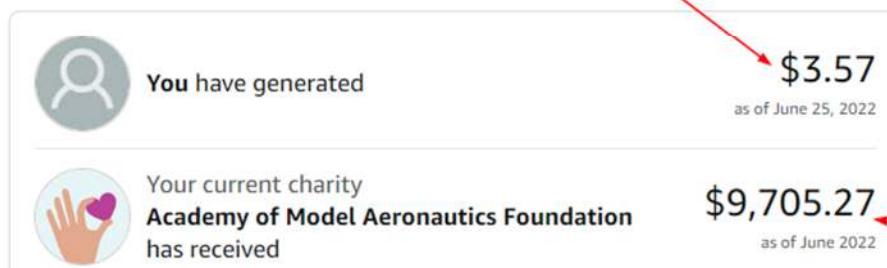
Your orders that have supported charity

Remember, only purchases at smile.amazon.com or through AmazonSmile activated in the Amazon Shopping app will support your selected charity.



Every little bit counts

When millions of supporters shop at AmazonSmile, charitable donations quickly add up.



Your current charity

[Change charity](#)

Academy of Model Aeronautics Foundation

Location: Muncie, IN

Mission: Designed To Encourage Building Of Model Aircraft, Designing And Participation In Flying Contests On The National And International Levels. Museum And Library Are Maintained To Further Educate And Assist Members.

Programs: Designed To Encourage Building Of Model Aircraft, Designing, And Participation In Flying Contests On The National And Intl Levels. Museum And Library Are Maintained To Further Educate And Assist Members. Approximately 179,000 Members Served.

World-wide contribution to AMA as of 6/25/2022.



Spektrum Safe Mode configuration made easy.

Confused about how to bind your Spektrum Transmitter and Receiver into SAFE Select mode? Not sure how 'Forward Programming' comes into play when binding into SAFE Select mode?

You must see this video! It's excellent and covers older and new receivers from Spektrum that are SAFE Select capable.

The video is 10 minutes, 45 seconds and is very easy to understand.

If you have a complete Ready to Fly (RTF) system like the package you get with the HobbyZone AeroScout (plane, transmitter, battery, charger, etc.) the video may not apply, however it still makes it very clear on how the binding into SAFE Select should be done for your own transmitter and receiver combinations.

Spektrum Quick Hit Tech Tips - How to Setup SAFE SELECT for your Bind and Fly Models:

<https://www.youtube.com/watch?v=o-46P066cik>



PBRCA's Westervelt Field

By Seth Sterling
May 2022

Ever wondered why we call our West Delray Regional Park (WDRP) flying site the "Westervelt Field." Well, the name acknowledges the generosity of one of the club's original members, Steve Westervelt. When the park department agreed to make the land available to the club, they were willing to pave a 400-foot runway. Steve generously donated the materials, labor force, and funds to install our current 600-foot paved runway, the adjacent 600-foot sod runway with buried irrigation system, the fencing along the runway, and our invaluable "Press Box." He also helped us acquire two storage containers and golf carts.



But wait, Steve's giving didn't end there. After we were operating safely and successfully for several years, the park department gave us permission to expand and create our separate helicopter field with the condition that we provide a safety fence around it. Again, it was Steve that provided and installed the fence.

Given his many contributions to our club, it seemed only fitting for us to dub PBRCA's flying site the "Westervelt Field."

Thanks again Steve!

(Pictures by Joe Mannino and Arty Mundell)



PBRCA's Special Use Permit – A Summary

You often hear of the need for the club to comply with the requirements of the ***Special Use Permit*** from the *Palm Beach County Parks and Recreation Department*. The permit, which was issued in February 2008, allows us to use a portion of *West Delray Regional Park* as a radio control model aircraft flying field provided, we consistently fully comply with all twenty-one (21) terms and conditions of the permit. Below is a summary of the 21 terms and conditions of the permit which are grouped in the following five sections: General (1); Site Improvements & Maintenance (3); Use of Premises (12); Special Events (1); and Insurance and Indemnity (4).

General (1) The sole condition of this section requires the club and its guests to comply with the permit's requirements and the club's compliance is subject to periodic verification by the parks department. Deficiencies or failure to comply with all of the requirements are grounds to temporarily suspend or permanently terminate the permit at the sole discretion of the parks department.

Site Improvements & Maintenance (3) There are three conditions in this section. One covers the process we need to follow for improving the site and for placing temporary facilities on the site. Another condition notes that our permanent improvements, including the runway, belong to the county and that the county will not reimburse our expenses for these improvements. The third condition requires that the club and the county develop "site rules" which should be periodically reviewed and amended as needed.

Special Events (1) The sole condition of this section requires the club to coordinate with, and get prior approval from, the parks department for any special event activity occurring on the site. A special event is any club activity or event for which the club is requesting the use of the property to host a group for an event for which a fee may be charged, or which may impact any entrances to the park or parking not within the boundaries of the site, or which may significantly increase traffic into and out of the park.

Insurance and Indemnity (4) There are four conditions in this section that cover the following: the club's indemnification of the county; the requirement for the club to have comprehensive general liability insurance of at least \$1,000,000; the events that can result in termination of the permit; and the communication protocols for the two parties on the permit.

Use of Premises (12) This is the largest section of the permit with twelve terms/conditions covering, among other things, our compliance with county ordinance 2004-022, the hours of operation, users having in their possession their current AMA card, and the prohibition of alcohol and drug use. Other conditions restrict the use of the site, prohibit the charging of fees without approval of the parks department, and require that we not prohibit or hinder Palm Beach County staff, agents, or peace officers from performing their official duties. Conditions relating to the flying of aircraft include the following: aircraft should always fly within the flying field site and are prohibited from flying over/into the Arthur R. Marshall Loxahatchee National Wildlife Refuge; aircraft are also prohibited from designated no-fly zones, which include the conservation area, the established perimeter around the conservation area and the airspace above these areas. Note that we should also strive to eliminate the need to retrieve aircraft from these areas.

There is an aircraft specific condition that caps aircraft flying weight at 55 pounds, prohibits flying aircraft exceeding 98 decibels at 25 feet, and requires an effective silencing device for all aircraft powered by internal combustion engines. Additionally, aircraft operating on anything other than battery power must be fueled in designated fueling/refueling areas - contaminates should not be introduced into natural areas.

Another condition in this section requires that wildlife not be harassed or unduly disturbed by club activities, members, guests, aircraft, or equipment. Finally, the last condition of this section requires the club to promptly reimburse the county for all costs/expenses incurred by the county to repair, maintain, cleanup or secure the site because of the club's failure to comply with requirements of the permit



REGULAR FEATURES

You **MUST** have a current AMA membership card to fly at Westervelt Field. This is a requirement of the Palm Beach County Parks & Recreation Department.

Also, please note that we will not create your PBRCA membership card unless you have a current AMA membership card. The Club Membership form is available on the PBRCA web site, this newsletter or at the field in the press box.

Club E-mail Notifications

You should be receiving e-mail notifications for the monthly general membership meetings and semi-annual newsletter publication. If you are not receiving our e-mails, please let Ellen know (e-mail: ellenhpbrca@gmail.com) your e-mail address and we will update our records. If you want your name & phone number removed from our website list, also contact Ellen at: ellenhpbrca@gmail.com

FAA sUAS REGISTRATION

All sUAS (small Unmanned Aircraft Systems - (0.55 lbs. up to 55 lbs.) pilots must register with the FAA. Furthermore, once registered, you are required to affix your assigned FAA Registration number to the 'exterior' of **every** aircraft you fly. For more information and registration online go to:

<https://faadronezone.faa.gov/#/>

SAFETY FIRST!



As the park gets more and more popular, we are going to see more and more patrols by the Sheriff's Department. The park speed limit is 25 mph and stop signs mean STOP! Don't risk and expensive ticket by becoming complacent. Also, watch for the Frisbee Golf guys. That group seems to be getting more and more active.

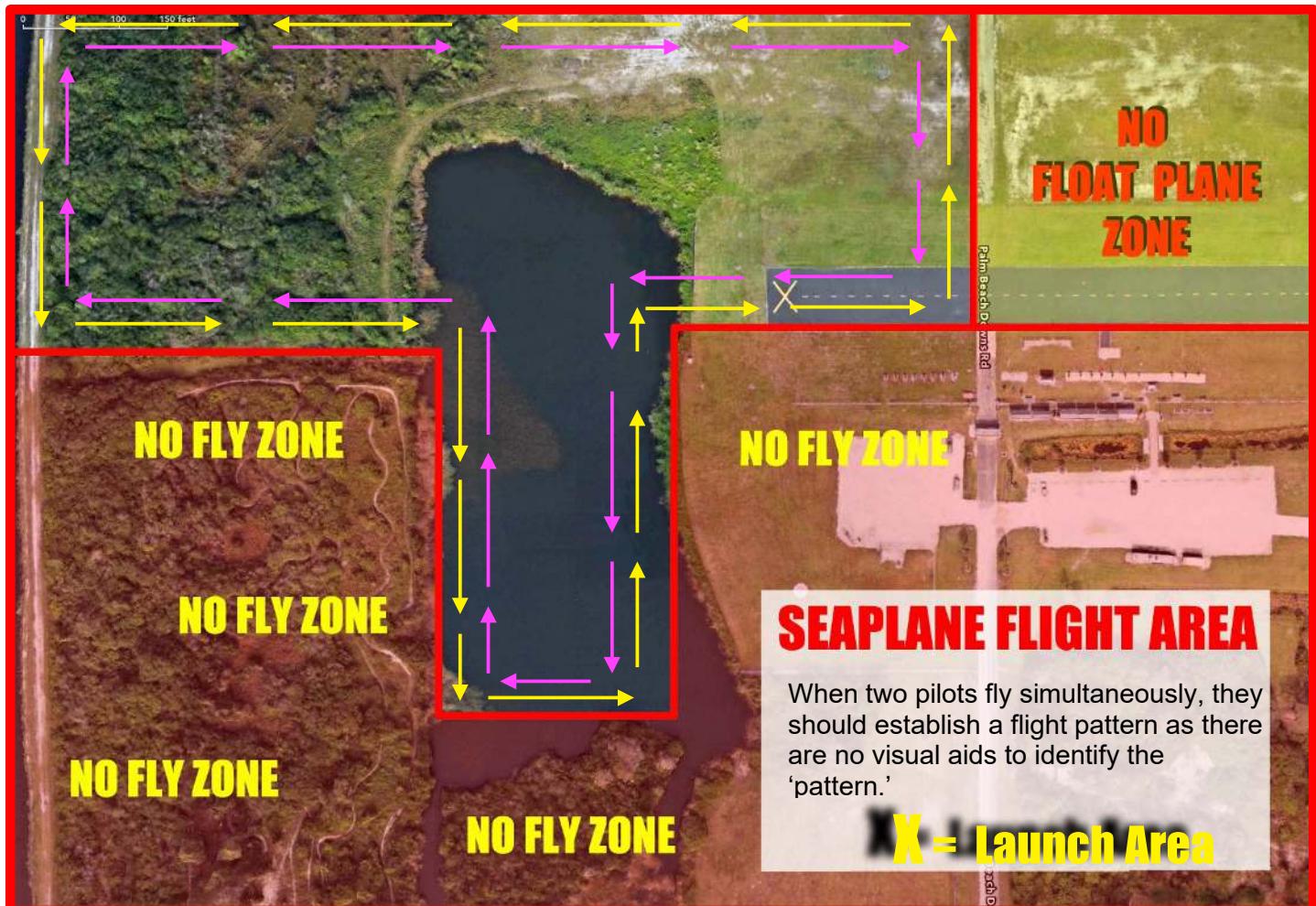
Click this link for a copy of the Club Safety Rules:

https://www.palmbeachrc.com/_files/ugd/e50535_48e41b68e210474aa92c5af389be5d8c.pdf



Palm Beach Radio Control Association
www.palmbeachrc.com

Float-plane Flight Area



The membership has approved the proposed rules for flying off 'West Lake' at our May 9, 2016, membership meeting. The changes and additions are now incorporated into our Safety Rules as Revision K (rev.k).

The revised safety rules and the map have been posted on the window of the press box and on our website, and can be accessed at:

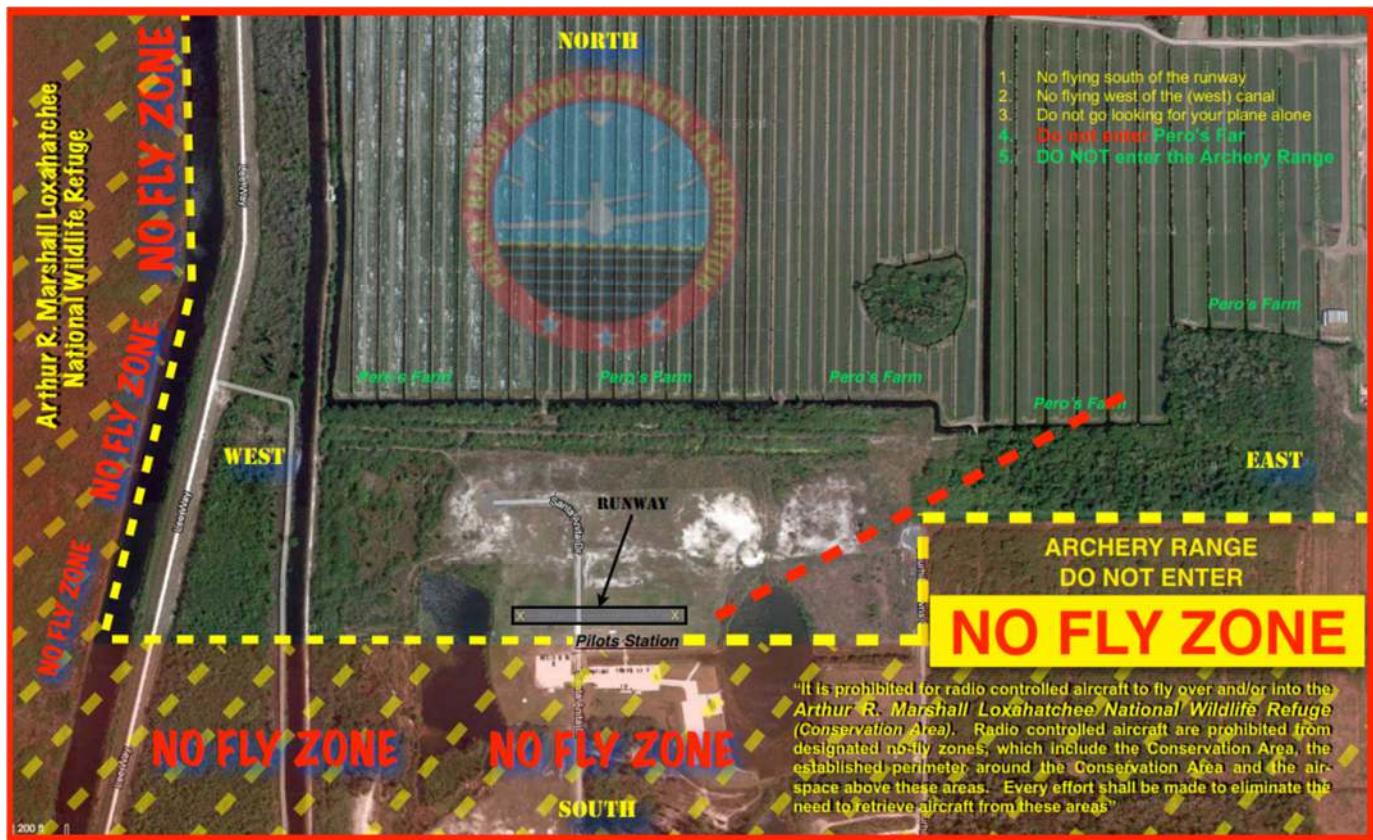
https://www.palmbeachrc.com/_files/ugd/e50535_48e41b68e210474aa92c5af389be5d8c.pdf



Palm Beach Radio Control Association
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Land-based Flight Area

Palm Beach County has previously established "flying" boundaries and we need to adhere to those restrictions. This is an aerial map showing the boundary lines for West and South flying and it is also posted in the bulletin board located at the "impound." Our club has already been warned about flying over the Everglades by a Federal Wildlife Officer. You must fly within the designated boundaries!





<https://trust.modelaircraft.org/>

**CLUB MERCH**

Hats and shirts are available
for online ordering!



Pick your size and color and have it delivered to
SEWBUSY.COM your door!



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