



ELECTIONS AT THE APRIL MEETING!



AMA Club # 1016

IMAA #12

WWW.PALMBEACHRC.COM

April 2007

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PRESIDENTS MESSAGE



This is proving to be a very busy month. By the time this goes to print, we should be close to moving into our new field. While the moving date is not confirmed, the basic infrastructure is almost complete. As I write this the paving and sod have been completed. The sprinklers and perimeter fencing should be done by this weekend.

This past weekend (Mar 16 – 18), a group of us went to Cape Coral for the 13th Annual Gathering of Giants. If you have never been to an IMAA fly-in, this would be a good one to check out. The Cape Coral Seahawks put on a great show. This year the weather wasn't very accommodating but we still managed to have a good time. A few of the photos will probably make it into the newsletter.

The March general meeting was held at our new place and it was a complete success. I put the crowd at 100 or so, which rivals the turnout on key night. We had a nice clean room, a projection screen for Steve's slideshow about the new field and a podium complete with microphone.

This is what's sitting on my workbench these days. It is an electric Senior Telemaster that I'm putting together for a friend.



Walt has put up a webpage for members projects. If you're putting together a new plane, email some pictures to Walt and he will post them.

See you at the Field,
Ray

PALM BEACH RADIO CONTROL ASSOCIATION



GENERAL MEETING

March 8, 2007

The meeting was called to order at 7:30 PM

New members and guests were introduced.

The February minutes were approved as read.

The treasures report was read

OLD BUSINESS

- Doug talked about the new by-laws and safety rules
- A motion was made to close the nomination and seconded
- The Board of directors is still looking into using Roberts rules light
- Steve talked on about the new field.
- Alex talked about the Warbird event May 12 2007
- The buss trip to Top Gun is canceled do to lack of interest
- Swap meet held February 18 2007 was a great success.

Pete Ferris and Walt Dreyfus are the nominating committee

NOMINATION OF OFFICERS 2007

1. President
 - Ray Murtha
2. Vice President
 - Doug Christensen
 - Skip Wright
3. Treasurer
 - Woody Rackoff
4. Secretary
 - Walt Dreyfus
5. Newsletter Editor
 - Steve Westervelt
6. Safety Officer
 - Ben Perreau
7. Chief Training Instructor
 - Robert Thompson
 - Jerry Cohen
8. Director
 - Alex Moreno
 - Emmanuel Parial
 - Howard Kelem
 - Morris Halper

NEW BUSINESS

- Alex asked if any members were interested in starting a Warbird group.
- Ray asked the members who wanted to be a safety officer
- Jay brought up that we need board insurance
- Warbird event May 12 see Alex
- Election to be held at the April Meeting Nominations closed

Raffle was held

MEETING ADJOURNED 8:45 P/M

RESPECTFULLY SUBMITTED
WALT DREYFUS
SECRETARY

WELCOME NEW MEMBERS

Aaron Galvin

Leonard Martin

Robert Drews

Isabelino Benitez

“Editors corner”

If you were expecting this newsletter last week let me explain! I held out! I have been waiting for the events of our weekend, 3-31 & 4-1 so as to be able to share with those who could not be with us on the last day to fly Kraft field and the big day of the move to Palm Beach Downs. It was worth the wait as you will see coming up on the next few pages! But first Club member input... Doug writes about new rules and Arty Mundel's Project Helping hands are included in this issue. But before we get there I still have the “corner” in this ring! A lot of talk is “going around” about the new field and the ability for planes to be “kept in the box”. I want every pilot in this club to be able to enjoy their right to fly the planes they have spent so much time, effort and money to acquire. But there is a *but* that goes with my wanting this... the talk is about just how well can we all fly? The worry is that someone will violate the airspace restrictions that exist in our lease and we will all suffer. It's time to ask yourself if you will be *the one...the one* who will be better with a spotter when you fly. *The one* who now, more than ever before, wants to get it right every flight. This new home will be a great place to fly, *but what you get to fly* will depend on just how well we can all perform as pilots. Make sure that you understand where **you can and where you cannot** fly. Fly safer then ever before. Our pilot skills are on the “line.” Fly with a spotter and *know the Boundaries*. If we do it right, **we will all get what we are after, and you know what that is...** This is fun, Right? **SBW**

ARTY MUNDEL'S PROJECT HELPING HANDS hosted a Delta Dart build for **Pack 215 Cub Scouts** on Thursday, March 15. With the help of members **Pete Ferris, Don Ziomek, Morris Halper, Marc Elackman, Doug and Dane Christensen**, the scouts constructed 13 Delta Darts as part of Science Month. The Webelos and Bear Dens of Pack 215 would like to thank **Project Helping Hands and the Palm Beach Radio Control Association** for hosting the event. *Great job Arty!!*

AND NOW A MESSAGE FROM DOUG CHRISTENSEN AS TO THE LATEST RULES UPDATE!

Safety Rules changes:

Per the By-Laws section 11.5, by a majority vote, the BOD is implementing the following temporary safety rules for a period of 30 days from the date the new field at Palm Beach Downs opens:

- 1) All pilots are required to have a spotter stand with them during all flights. The spotter shall provide visual assistance to help the pilots fly within the constraints of the flying site. The spotter must be a club member. The purpose of this temporary rule is to help the pilots develop visual awareness of the site boundaries with the assistance of a second person (spotter). The spotter will be as responsible as the pilot for maintaining the aircraft within our site's airspace.
- 2) All jet turbine aircraft will be temporarily restricted from flying at the Palm Beach Downs site for a period of 30 days. The purpose of this restriction is to allow the BOD to conduct special testing of jet turbine aircraft in respect to sound enforcement and overfly concerns. Testing is TBD. The BOD, by a majority vote, is recommending the following addition to the Club Safety Rules. This new rule will be voted upon by the membership at the April 12 general membership meeting.

Section 2:

21) All jet turbine aircraft shall be restricted from flying during periods of burn bans as set by Palm Beach County. **The purpose of this rule restriction is to reduce the chance of brush fires during the period of drought. Currently, the County will enact a burn ban when the drought index is higher than 500.**

Field Closure

The Kraft field in South County Park has now closed as of the end of the day on Saturday March 31, 2007 in preparation for the move to the new site at Palm Beach Downs. We tentatively are setting the opening of the new Field at Palm Beach Downs for April 14. We will officially announce the opening date at the April 12 general membership meeting. There will be no unauthorized flying at either site during the interim period. Please do not attempt to visit the new site without BOD permission until the new field is open. Visiting the site may result in trespassing ticketing or arrest as the Palm Beach Downs Park site is not yet open to the public. We appreciate your cooperation and patience during the moving period. **(Submitted by Doug Christensen)**

This month's Safety update by our Safety Coordinator,



[Ben Perreau](#)

Someone is flying normally when suddenly the airplane stops responding and crashes. After picking up the pieces and bringing them back on the field table, a quick check reveals that all the servos are moving normally and the battery is still well charged. I've seen this happen multiple times and we invariably blame the receiver or 'interference' for the crash. Well... something else might be creating this....so, when is the last time you checked your connectors??

I recently had some problems with my 33% Extra not being able to hold knife edge correctly. Upon landing safely, the rudder was not moving as fast and strong as I normally expected, although I use 2 Digital servos in parallel. I checked the battery with my Futaba tester (it draws 1 Amp and shows you the voltage at the same time) and indeed, the voltage on the outside JR switch plug was less than 6 volts! (I use 5 cells NiMh 2700mAh). When I plugged directly the tester to the battery (no switch), then the voltage was perfectly fine! I then focused on the switch itself and found that the voltage drop was happening on the battery side connector. After removing the plastic housing, I was then able to measure a 0.5V drop across each of the crimp (the red and brown), which means a 1 volt drop under a 1 Amp load at the receiver. This is huge and means that if I was using a 4.8V battery, I would be having 3.8V at the receiver which is dangerously close, if not less than the operating voltage.



The picture is a close up kindly provided by Jim Vanderpool (he has the macro lenses!). Those are 'heavy duty' JR extension connectors, just a couple years old. You can clearly see that there's some corrosion on the copper wire. To try to solve this, I decided to solder this crimping area with one drop of soldering flux to clean the corrosion, a small soldering iron tip and very little solder while the connector is vertical, so that gravity pushes the solder towards the cable and not inside the connector. After this, the voltage drop was insignificant.

I am now in the process of soldering all the crimp of my connectors. You might want to check yours as well to stay on the safe side.

Till next time, be safe!

Ben

PS: We still need some volunteers to sign-up for acting as FSC (Field Safety Controller). If you are willing to help, please send me an email at ben@palmbeachrc.com together with your normal flying day & time.



SKIPS TIPS ARE NOW SPONSORED BY:



Part II - Trimming

After you have the plane assembled with all pre-flight checks complete, and all controls work in the direction they are suppose to, then next do a range or ground distance check. Walk about 50 paces while someone is holding the airplane with the antennae down on your radio and the engine running. Take the engine to full throttle and work your control surfaces to make sure there is no RF (radio interference) in the airplane. After that is finished, and you have no RF, check batteries, fuel, restart plane and fly your model. If all your trims and setups are done correctly, you should not have to add a lot of trim. With just a few clicks on one or two controls, if any, you should be able to get it done. Once this is done and you can fly your plane with hands off, land and check all your controls for any loose screws and/or hinges.

If this all checks out ok, then go to the next level. That is fly your plane and check your balance. This is done by starting on a 45° up-line, next do a half roll, which means now the plane is inverted and let go of the stick. Watch what the plane does. If the nose of the aircraft goes down, it is nose heavy. If it continues to go up, it is tail heavy. When the aircraft flies straight, your plane is balanced perfectly. This may take a few times to dial in the plane, by moving batteries forward or aft, to achieve your balance and set up for your flying style.

Next is the prop selection. In this section you need to know what you want to do while flying your plane. If you are looking for speed, back in the day I was told to use a 4-6° low pitch, small prop and for thrust, high pitch big prop. Nowadays, most people try to se up for 3D. Airplanes have started doing things only helicopters could do. Most 3D airplanes have a 2 to 1 power ratio. When flying 3D, the more pitch, the better the thrust, the more prop wash goes over the tail for better control when hovering. About 10-12° is the norm. If the plane is loud, you can go up or down in size till you get the right DB. If that doesn't work you can purchase canisters. Props come in all kinds of materials, plastic, wood, laminated wood, and carbon fiber. As the price goes up, remember you get what you pay for.

Thanks and I hope this info will help you with a standard program for set up. Next month we'll talk about wood airplanes vs. composite

Until then, keep it flying... See you at the flight line! Skip

DATES TO REMEMBER:

April 7 work party at new field at Palm Beach Downs

April 12 General meeting 7:30 PM South County Civic Center 16700 Jog Road

APRIL 14 2007 FIRST DAY TO FLY AT NEW FIELD AT PALM BEACH DOWNS (tentatively)

Wednesday April 18, Board Meeting 7:00 PM COCONUT GROVE WATER PARK

April 21 & 22 Combat Bush Pilots Palm Beach

May 10 2007 General meeting 7:30 PM South County Civic Center 16700 Jog Road

May 12 WARBIRDS OVER THE GLADES

THIS MONTH NO MEETING PICTURES WILL BE INCLUDED IN THIS NEWSLETTER, SO AS TO BE ABLE TO INCLUDE THESE
FIELD PHOTOS OF THE LAST DAY TO FLY...3-31-07,

AT: KRAFT FIELD

PHOTOS BY ARTY



I KNOW WHAT IT HAS MEANT TO ME TO BE A FLYER AT THIS FIELD. I ALSO KNOW THERE ARE MANY OF YOU WHO HAVE MANY MORE HOURS AT THE FIELD WITH MORE PICTURES AND STORIES, WHICH WILL NEED TO BE SHARED AS WE BEGIN OUR NEW FLIGHTS AT OUR NEW FIELD. KRAFT FIELD WILL BE REMEMBERED BY ALL OF US AND THIS NEWSLETTER WILL KEEP AS MANY OF THE MEMORIES AS POSSIBLE ON THESE PAGES, IF YOU WILL SEND ME YOUR PHOTOS WITH YOUR STORIES FOR ALL TO SHARE. I WOULD ALSO LIKE TO ASK THOSE OF YOU WHO HAVE THE NAMES OF THOSE CLUBMEMBERS THAT HAVE HAD THE KRAFT FIELD AS THEIR FINAL RESTING PLACE, PLEASE SEND THEM TO ME BEFORE THE OPENING DAY OF OUR NEW FIELD. I HAVE TRANSFERRED SOME OF THE KRAFT FIELD MATERIALS TO OUR NEW SITE AND I WOULD LIKE THE NAMES FOR OUR OPENING CEREMONIES. THIS NEWSLETTER IS DEDICATED TO THOSE FLIERS AND THEIR FAMILIES. THEY WILL NOT BE FORGOTTEN!!

**AND NOW, AS PROMISED, THE PHOTOS OF THE CLOSING OF KRAFT FIELD.
THE EVENTS OF SUNDAY APRIL 1ST, 2007. IT WAS AN EARLY MORNING ATTACK ON THE SITE.
WE ASKED FOR CLUBMEMBERS TO JOIN THE WORK CREW AND... CHECK IT OUT!**



AND IT WAS OVER, KRAFT FIELD WAS NO MORE* 4-1-07.

Please my I have your attention... **all** club members: Two very important things to be mentioned again to everyone. **Elections:** this next meeting, be there to make your vote. But most of all **no matter what the reasons**, do not try to fly at the new field until it is opened. We have already had club members receive tickets for trespassing at \$150.00 each! Flying before you have received your preflight clearance... **will terminate your membership.**

Preflight clearance??? Well... be at the meeting!! You will learn just what this means to you, so as to be able to fly!!!

LOCAL HOBBY SHOPS

Craft House

561-683-0764
1379 N. Military Trail, West Palm Beach
I-95 to Belvedere Road, travel west to
Military Trail. Travel north on Military
M-F 9:30-6:30 Sat 9:30-5:30 Sun 12-4

G&C Hobbies

561-547-3812
1228 Hypoluxo Road. I-95 to Hypoluxo Road, exit
East. The store is ¼ mile on the north side.
M-Sat 10-6, Sun closed **** Note the update****

Belzers Hardware Store

561-391-7977
3198 N. Federal Highway, Boca Raton
I-95 to Yamato Road. Exit east to Federal Hwy. South
on Federal Hwy. Store is on east side of Federal
Highway
M-F 8-6 Sat 8-5 Sun 11-4

Radio Controlled Revolution

561-684-2772
2275 Palm Beach Lakes Blvd. Suite A
West Palm Beach, FL 33409
Northwest corner of Palm Beach Lakes and
Okeechobee next to Sound Advice
www.rcrevo.com

Ready Heli

Jennifer Greco
354 Cypress Dr. # 7
Tequesta, Fl. 33469
Phone number 561-575-1118
Sales@readyheli.com

RC Boca Hobbies

561-483-2540 Email: JR@RCBoca.com
561-483-2541 WEB www.rcboca.com
20449 State Road 7 (Mission Bay Plaza) Boca
Raton in LA Fitness Courtyard Area
M-W-R 11am-7pm F 11am-6pm Sat
10am-6pm Sun 10am-5pm

RC Hobbies

954-721-5720
<mailto:www.rchobbies.net>
6800 N. University Drive, Tamarac
I-95 to Cypress Creek exit. West to University
Drive. Southeast corner of University and
McNab Road. Or take 441 to Sample Road, west
to University and south to McNab. (Cypress
Creek turns into McNab)
M-F 9-8 Wed Closed Sat 10-5 Sun 10-3

Southeast RC Hobbies

954-978-6050
1901 West Copans Road, Pompano Beach
I-95 to Copans Road. Go west. Store right
before Intersection to Powerline. Store on north
side of road. Or take Lyons road to Copans, turn
east. Store located just past Powerline
intersection.
www.southeastrc.com
MWRF - 11-7 SAT 10-5 SUN 11-4 TUE
Closed
www.southeastrc.com

***** Check this out*** Good news...**

Marc's Amateur Radio Center RC Toy Store

2900 E. Commercial Blvd.
Ft. Lauderdale, FL 33308
954 609-0099
Marc Freedman WD4AAS

WE WILL WORK ON SATURDAY APRIL 6TH, NO WORK ON E EASTER SUNDAY! HAPPY EASTER TO ALL! SBW