

Radio Control Club of Detroit



The wind is our friend

Gravity wins!

Volume 57: Issue 3

Newsletter Date June 2010

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- Vice Pres: Noel Hunt
- Secretary: Peter Vanheusden
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- PR: Gordon Gibbons
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Steve Surbaugh

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W.O.W.



RCCD's 2010 Watts Over Wetzel

It's Saturday evening, May 1st. The weather forecast for the 2nd and the *Watts Over Wetzel* (W.O.W) electric event at RCCD looks dismal: Rain and wind, neither of which are suitable companions electric model aircraft. After many e-mails and phone calls that night and in the small hours of Sunday morning, CD Mike Pavlock and the RCCD leadership make the tough call to invoke the published rain date. W.O.W. is now rescheduled for May 16th. It looks like Mike's weather luck has finally run out.

Mike turns on his simple but effective W.O.W. communication: E-mails to the many potential participants, and a posting on the dedicated W.O.W. website that he had requested early in the planning stages. Communication so effective that no visitors showed up and just a hand-full of RCCD members did, just in case they were needed. In typical RCCD fashion, they made the most of their time, swapping yarns and cultivating lies!

Now the double guessing begins! What if the weather on the 16th will be worse?.....

Mike's lady friend returned..... Lady Luck brought almost perfect conditions for the rain date. So why is it called a "rain date" when it is sunny, but the day that it rained is not called the "rain date"?..... I digress.



RCCD members started arriving at/or before 7:00 am to help with the set-up. After Mike's son, Scott, held the pilots' meeting, the hoisting of the Stars and Stripes signaled that flying could begin. The last pilot to register put the pilot count at 64 and there were also many non-flying helpers and visitors. RCCD field was a busy place.

Continued on page 3

The Presidential Podium



Greetings fellow club members,

The 2010 flying season has been kicked off with some great events. Our Brag Day, although it fell on a poor flying day, was a lot of fun for the guys that did show. Our WOW event was a huge success even though we had to utilize the rain date. We had approximately 65 signed pilots and did extremely well for the club treasury. This event is getting better attendance every year and I believe it is time to kick it up a notch and make this a 2 day event next year. Now all I have to do is convince our electric CD's for life, Mike and Scott Pavlock, to go along with this. For a change, our first combat event had decent weather and I think it showed in the turnout. Don did his usual fine job of putting this together and also managed to compete. I would like to thank our members for the great turnout of people to work these events. Without your help these would not be the great events that they have been.

June promises to be a very active month at the field. First up is our joint EAA/RCCD event, followed by the Big Bird and 2x2 Rally. If the weather holds, and if we get the same enthusiasm from our members, we should do quite well with these also.

I have scheduled a day trip to the AMA museum for July 18th. I have made arrangements to charter a bus for the trip. We will be leaving at approximately 6AM and returning about 10PM. The cost for the trip will be \$45.00 per person for the bus. I need 45 confirmed attendees to make this happen. I will need your money by June 30th if you would like to go. The Museum is open from 10-4 on Sundays, and also on that day the Pattern Nationals start, so you should get a chance to see some really cool flying.

On a final note, we have quite a few new members this year. Please try to show them the helpfulness and courtesy that this club is known for. Nothing makes me prouder of this club that to hear from visitors and new members how friendly everyone is.

Wheels Down,
John

The Editor's "Knife Edge of Reality"

This flying and events season is up and running and we're ready for some fun. Come on down and get high with us.....pun intended.

Something worth checking into is the **AMA Insider**, the AMA National Newsletter. As an AMA member, this is part of the advantages of membership. Go to: www.modelaircraft.org/insider. You can sign up and automatically receive the bi-monthly newsletter. It's an excellent and informative publication.

If you have **something to contribute to the RCCD Newsletter**, an article or anything, please give me a holler. I'd like to be the "editor" as opposed to the "writer". ;)

duckguylsb@juno.com or (586) 790-2678.

Thanks much, Lou Tisch



Note: the lead photo for the **Watts Over Wetzel** (page 1) is the 1/6 scale, 7.5 lbs. model of **Black Magic**, the 1934 **DeHavilland Comet** racer. It has an 88" wingspan and is powered by twin Scorpion motors and 4s2p A123s batteries.

Photo by Lou Tisch

Special thanks to Greg Cardillo for the great photo work on our **Watts Over Wetzel** event. Greg has graciously allowed us to use any photos we wanted for the website &/or newsletter. Thanks much Greg.....Lou

More of Greg's photos are available at: <http://www.gmcdesign.com/gallery/wow>

Watts Over Wetzel



The six pilot stations were occupied much of the day, but there was seldom any waiting if you wanted to fly. And the pilots flew! Electrics large and small; early biplanes to modern jets; scale and sport; gliders and hot liners; foamies and “crunchies”; even a Pterodactyl! In addition to powering model aircraft, electric watts can sure power the imagination.

The breeze picked up to about 10 mph during the middle of the day, when most of us took time to enjoy a bratdog, hotdog, burger, fixin’s and a drink, thanks to the efforts of the folks at the grill.

Punctuating the day, we were treated to spectacular flight demonstrations. Keith Shaw flew his *DeHavilland Comet - Black Magic*, *Bearcat*, *Moeler Stomo*, *Bucker Jungmeister* and *Vought V173 - “Flapjack”*. Chris Haas tumbled his dad’s *U-Can-Do* with the nimble fingers of youth, and Ken Niewoit’s *Ultimate Biplane* ended the myth very convincingly, that electric aircraft and underpowered! Take a look at the videos off these demonstrations and other WOW highlights on the **WOW**, or **Picture and Video** pages on www.rccd.org.



Joe McMillan’s DeHavilland Beaver



Keith Shaw’s Moeler Stomo makes a return engagement



Keith Shaw’s 81” Bearcat uses 10s2p A123s, an Astro 60 brushless motor and a 3:1 belt drive. The 1/5.5 scale model weighs 14lb



JoeMcMillan’s Twin Otter on display but not flown

Continued on page 4

Watts Over Wetzel



CDs Mike & Scott Pavlock

Creations who have supported us since the event started are joined by *True RC; Horizon Hobbies; Great Planes; Prop Shop; RC Foam; Air Time Hobby;* and *Land Sea and Air Hobby*. David Biegas was the winner of the “Must be there to win” raffle, the 40-size power system, consisting of a motor, ESC, battery and gift certificate.

This was the first year we called the event the *Watts Over Wetzel*, but it was the 5th year we have hosted our Spring electric event at RCCD. Thanks to the great effort of the many members who helped out under the leadership Mike and Scott, it was again a great success and the turn-out continues to grow.

RCCD and all the pilots wish to extend a big thank you to the sponsors and your generous prize donations that were awarded throughout the day: *Castle*



Winner-Dave Biegas

So just how many watts were over Wetzel that Sunday? At 11:30 am, the plane count was over 120 aircraft, covering a very wide range of electric-powered models mentioned above.

From my 13-inch *Sopwith 1 1/2 Strutter* at about 20 Watts, to Ken Niewoit's *46% Ultimate Bipe* with 8000 Watts “under the hood”. My SWAG (Scientific Wild A** Guess) suggests about 60,000 Watts of (mostly) Lithium-based grunt.



Ken's 46% Ultimate

**Noel's
1 1/2 Strutter
Look Close ;)**



Samples from the pits



Doug's Pterodactyl



by Noel Hunt

More...Watts Over Wetzel

Our WOW Electric Event (Watts Over Wetzel) has become an outstanding success with phenomenal growth in this, our 5th year. Several years ago I bought a couple small electric planes and didn't really "see" where this electric "fad" was going. I brought 4 of those small electric planes: Cub, Extra, Christen Eagle & Miss Vintage. I was underwhelming with my assemblage of models. There were some collections of small field models but also some eye popping large & multi-engine rigs that left me dumbfounded, though there will be some that think I spend much of my time like that.



This years event really showed the current status and indications of electric's future and it seems that there is no limit. We saw Noel's tiny 1 1/2 Strutter alongside Ken Niewoit's 46% Ultimate Bipe (both shown on page 4). If I'm correct, Ken had a 15 hp electric motor in that Ultimate and the sound and performance were unbelievable. This was one of the best attended event in our recent history with 120 airplanes and 65 pilots. The Transmitter Impound gives you a sense of the number of fliers and that doesn't really cover it since many fella fly multiple planes on each radio as well as those fellows currently flying.



Ross (RJR Enterprises) with his Electric Spad

**Transmitter Impound
Representing
120 Models
65 Pilots**



Brian Gilkey with his "Faster than the eye can follow" 160 mph "WhatWasThat!"

**Doug Norris
Electric Twin
Pterodactyl
(impressive flying ship)**



Continued on page 6

More...Watts Over Wetzel



**Spitfire-PBX-Bipe
Ducted Fan-Mustang-Sky Raider**



**Reactor Bipe-Cub-ME 109
Ready for the air**



**Team Gilkey
Scott & Brian prep for flight**



Gaggle of Sport & Pattern Ships



**Part of Ross Jones' Rig
Spad-Buzz Bomb-Python-Jet**



**Part of Keith Shaw's Rig
Bearcat-Stomo-Comet**



Panarama of Ken Myer's planes



**Keith Shaw giving some info on the
plane that looks like it can't fly.**



**Keith Shaw's "discus"
It's flown for a long time**



**Sweet Midget Mustang
Pylon Ship**



**Keith Shaw's
Jungmeister**



**Wendel-Williams Mystery Ship
Ken Myers**

Walled Lake, Michigan

Continued on page 7

More...Watts Over Wetzel



Above are some great shots of birds in flight by Greg Cardillo.

We do want to extend a **huge thanks** to our sponsors who helped make this event a huge success.

Thanks, Lou Tisch

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Toledo Show-2010

Finally, a Toledo Show where I remembered to plan ahead and have a list of things I needed to buy and vendors I wanted to visit. And, of course, there is the obligatory swings through the Swap Shop Section, even though I promised myself I wouldn't buy anything. Yup, broke that promise to myself. Found a framed up & covered Dehavilland Turbo Beaver. It was such a deal that I couldn't pass it up. Just what I was looking for...another project that needs to be finished. Well, the more planes I have, the less I'm concerned about crashing and being without something to fly. Good thing!



1918 Curtiss Jenny JN-4D by Randy Charles from Ohio



**DeHavilland Turbo-Beaver
Got the parts, it just needs to be finished
& yes, I have the other wing panel.**

So, I was able to pickup the batteries I needed, along with bearings for 3 motors that I've worn out (worn out, not crashed) and a case of Wildcat fuel. While there, I figured I'd subscribe to RC Sport Flier. I had gotten some free ones at last years show and liked the magazine and figured it was time to ante up and buy it. Stopped by one of the booths selling small hardware and picked up 2 packages of 100 screw each for mounting servos & cowls. My buddy, Mike, & I spent Friday and Saturday roaming around the show. We were beat by the time we were done but it was truly a ton of fun. Having a list made up before the show really made a difference in my enjoyment of the show.



**Giant Scale Corsair
By
Vince Blasky
Michigan**



Cont. on page 9

Toledo Show-2010



Couple nice looking Bipes



**Loening
By Allen Mrock
Oxford, Michigan**



**F4F-3 Wildcat
By Dennis Friesel
Bloomington, Indiana**



**Handley Page 0/400
by Terry Overton
Lake Orion, Michigan**



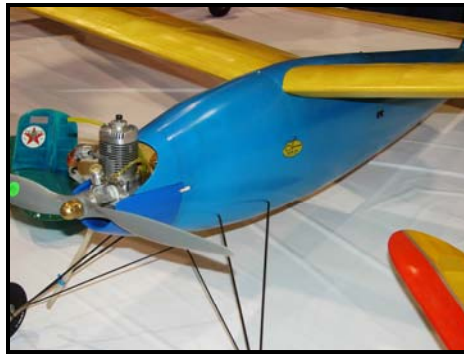
**Pica Duellist MK-II
By Gerry Armstrong
Palm Bay, Florida**



**Lancer
By Lawrence Latowski
Battle Creek, Michigan**



Marines' Chopper



**Old Timer
Diesel Powered**



**1928 Ford Tri-Motor
By Don Heinzerling
Port Clinton, Ohio**



**"Rare Wood"-Pleasure Runabout by Richard F. Koll-New Jersey
Also owns "The California Kid"**



"The California Kid"

Continued on Page 10

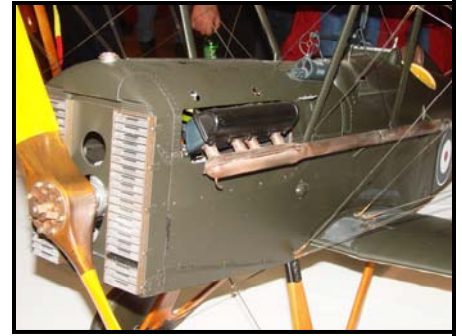
Toledo Show-2010



**1955 Berkeley's Navion Super
"260" By Terry Conley**



Giant Gee Bee



**SE5A
By Brian Perkins**



**Classic Lightning by Eric Clapp (Owner/Pilot)
Custom Painted Dragon by Imagine Art**



**Fieseler Storch
By Glen McIntosh**



**A-10 Warthog
By Joe Grice**



**F-18F Skymaster
By Curtis Wade-Detroit, MI**



**F-16C Aggressor
By Greg Mears-Ontario, Canada**



**Nieuport Z8C
by Ross Wegryn-Jones**



**Completely functional V-8
Thanks all, Lou Tisch**



**Our Combat Guys
"A Cut Above the Rest"**

RCCD Mini-Toledo 2010



Overview of part of the crowd

The **Mini-Toledo Show** is an RCCD creation and occurs the first meeting after the “real” Toledo Show. This is a chance for all club members to show off what they’ve been occupied with during the Winter Building Season. The only criteria for entry is...the plane must be unflown. Pretty easy rules, huh!

We are a very active & creative club and it’s amazing the number and variety of models brought out each year.



Ed Barbier

P-40 Warhawk, began 13 years ago. Now...done.



Ernie Varilone

New Reactor Biplane-Irvine .72-JR & Hitec



Doug Norris

**Giant Top Flight Corsair
Jim Held-builder-86’ ws**



Russ Hope

Eagle 580 ARF—Electric

Continued on page 12

RCCD Mini-Toledo 2010



Phil Laperriere
TF AT-6 w/ OS.91FS



Gordon Gibbons
Twist w/ Thunder Tiger .42



Jack Sanzoni
Found Stuka Wing, need Fuselage



Jim McCoul
Ducted Fan-scratch built



Larry Parker
Amphib.-scratch built



Dave Keats
Dominator ST.40-Pylon



Pete Mlinarcik
Modified Ugly Stick-OS.60



George Dudek
Great Planes F-15 OS.60



Mike Pavlock
RV-8 Hi Max HD50 48"ws



P-51 Mustang
2.4 gig. Evo.46 60" wingspan



Lou Tisch
GP Ultimate 160 w/ OS 160FX



Kit Built Skybolt
OS.91FS-57" ws

Continued on Page 13

RCCD Mini-Toledo 2010



Joe Tasse
P-51 Strip/recovered
OS.91FS Surpass II



Noel Hunt's—"Spittoon"
Original cross between
Spitfire & Typhoon



John McCormick
Ducted Fan
Foamie Jet



Bob Hunt
4 Star 60
OS.91FS Surpass



Shoestring
1/2A Pylon ship



Merlin McClellan P-40 Warhawk
AKM Model-OS120-Retracts-74"ws



Darrell Rohrbeck-Bipe
Having trouble finding CG



Hank Lawson
Kit Built Top Flight "Contender"
Very clean cover/finish job



P-51 Mustang
Evo.46 60"ws 2.4 gig



Lot of fun and great eye candy. It looks like it'll be a great season.

Understanding Deans Connectors

By Phil Laperriere

As I continue to discover more and more about the mysteries of electric flight, I'm never surprised when something that I initially think is a big problem turns out to have a simple solution once I understand the nuts and bolt about it. I'd like to share one of my latest learnings that supports this truth.

I've always been very mechanical and understood mechanical things. I also have always had a great deal of confidence about using tools and getting the feel for them quickly in order to make them work for me. That being said, I found myself getting a little rattled just using a soldering gun as I was putting together the "system" on my first electric power project. After purchasing motor, speed controller and battery, I eagerly started to string things together. I started by soldering the bullet connectors to the 3 wires coming off the motor. I spoke with Matt at the Prop Shop and he instructed me to fill the pocket of bullet connector with molten solder, then plunge the wire in, holding it until the solder cooled. The first obstacle I had here was that I simply didn't have enough hands to hold and clamp while trying to melt solder into the bullet connector. I overcame this by wrapping a rubber band around the handle of a pair of needle nose pliers. I was then able to position the bullet connector with no problem for assembly to the wire. I also quickly realized I had to slide the shrink tubing as far up the wire as possible before putting the bullet connector on. There is enough heat transmitted an inch or so up the wire to shrink the shrink tube.

Now it was time to solder the Dean's style connector onto the battery leads and the speed controller. 1 month ago I didn't have the foggiest idea what a Deans connector was. Now, here I am buying them at the Prop Shop and trying to tie them into my power system. I read the instructions on the back of the pouch that the connector set came in, and the instructions told me to tin (pre apply solder) to the wires and connector then touch the two together, add a little heat and you should have a good bond, ready for shrink tubing, right? Wrong!!! By the time I was able to melt the solder on the connector, the tab had melted the outside of the connector, allowing the tab to move out of position. Also, it seemed like an extended period of time before the solder would cool enough for handling due to heat being retained in the connector body. I also found that the bond between the wire and the tab was not very strong and was easily pulled free. After a long frustrating fight, I was successful at getting 1 set of connectors soldered in place. However, when I tried to plug the 2 connectors together, the tabs were so far out of alignment due to the melting of the outside shell, they simply would not go together. After ruining 3-4 pairs of connectors, I finally stumbled upon a solution. I found that if I first plugged a set of connectors together and afterwards started with the tinning/ soldering process, I had much better success at a good aligned connector. I also noted that the solder joint seem to cool quickly along with the tab alignment remaining intact and showing great bond to the wire. Having the connector plugged together also gave me enough material to hold in a vise for soldering. A couple of other observations I want to point out that seem to make sense to me after going through the process of assembly are as follows:

-Lightly sand the tab where you intend to solder giving the material an opportunity for "tooth"

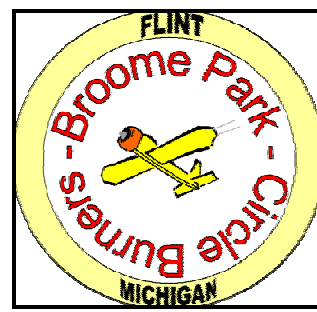
-Always assemble the female portion of the connector to the battery side. By doing this, you won't be as likely to inadvertently short out your battery because the terminals are not exposed.

-Maintain a standard for your connectors for positive verses negative. Doing this, you'll have flexibility for switching between batteries and speed controllers. Typically, Dean's connectors recommend the wide end be utilized as the positive side.

-Have an extra set of connectors available that are used only for the assembly process. This way you won't power up the speed controller when doing assembly. Also, if you do utilize a set only for assembly, be sure to put shrink tube over the exposed terminals to minimize the risk of a short.

-Use shrink tube over your solder joints. Shrink tube serves two purposes. First and foremost, it acts as an insulator, minimizing the potential for a short. Second, it adds strength to the wire just behind the solder joint reducing the opportunity for wire fatigue.

Good luck and don't let the electrics scare you. I've been finding that when I first started getting involved with electrics, the amount of confusing information was intimidating. Learning and understanding a piece at a time starts to add up quickly, making the process manageable. Hopefully, I've been successful giving you a tip that will help you in your own building.



The Tour d'Michigan is the collaborative effort of three Michigan model aviation clubs ~ The West Michigan Smoke Rings, The Lansing Area Flying Aces, and the Broome Park Circle Burners. The purpose is to have fun while promoting the hobby/sport of Control Line flying. The chosen format offers something for every skill level. Each event will consist of 6 - 7 events selected from a pool of possible events. Craftsmanship will also be judged at each event. Owing to the recent popularity of the Perky Speed Contest, Perky speed run timings will be offered during each event.

Three contests are scheduled for 2010:

- Kalamazoo on 22 May 2010-done
- Flint on 31 July 2010
- Lansing on 25 September 2010

For more info:

<http://www.flying-aces.net/tour10.html>

Radio Control Club of Detroit

www.rccd.org

2nd Annual Joint EAA Ch 13 / RCCD Fly-in

Date: **Sunday, June 6th, 2010**
 Times: **Pilots' Meeting at 9:30 am**
Flying Starts at 10:00 am

Location: Dave's Landing (see map)
 > I94 to St. Clair exit (exit 257)
 > East right for 3.5 miles on Fred Moore Hwy
 > South right on Wadham Rd for 1 mile
 > East left on St. Clair Hwy for 0.8 mile
 > Dave's Landing is on the South right.

Format: EAA pilots fly R/C with
 RCCD Intro Pilots; RCCD
 pilots fly with EAA pilots;
 General R/C flying

CDs: Rex Phelps - EAA Ch 13
 (runwayrex@gmail.com)
 Noel Hunt - RCCD
 (hunt4it@comcast.net)

No landing fee, but **advanced
 registration is required for planning
 purposes.** Contact your club's CD.

The joint fly-in of EAA Chapter 13 and RCCD is back by popular demand. Members of both clubs welcome.

Full-size general aviation planes of EAA Chapter 13, and RCCD R/C models will gather at Dave's Landing.

- EAA pilots will have an opportunity to fly R/C planes via buddy box, with RCCD demo pilots.
- RCCD members will have an opportunity to ride with EAA pilots in their planes.
- Demos & General R/C flying.

All flying is subject to time and weather constraints.

A BBQ lunch will be provided. Please contribute generously to the donation jar.

Canopies are welcome in the pit area. There are no R/C starting tables, so bring a place/stand for starting your R/C plane. The landing area is 100 feet wide. That's 1/3 of the width of RCCD's field!

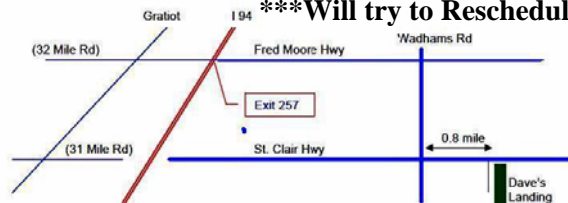
Bring picnic chairs if you have them.

SAFETY: To assure safety, the following apply:

- All R/C transmitters will be impounded.
- R/C pilots will have a spotter at all times while flying.
- The number of R/C aircraft in the air at one time is restricted to 4.
- During full-size aircraft taking off or landing, all R/C aircraft will land and/or remain on the ground, engines off, and secured if electric-powered.
- Pilots of full-size aircraft will announce arrival either by radio, or by flying a "crosswind" entry at 1000 foot agl over the field and confirm by radio that the runway is clear, prior to turning onto final.
- Pilots of full-size aircraft will confirm by radio that the runway is clear, prior to take-off.

*****Cancelled due to Rain*****

*****Will try to Reschedule*****



Radio Control Club of Detroit

www.rccd.org

BIG BIRD FLY-IN

Date: **Jun 12, 2010**

Times: 9:45am

Flying Starts at 10:00am

Location: RCCD Flying Field in Wetzel State Park (see map)

Format: Big Bird - FUN FLY

CD: Bob Chapman
 PH: 248-376-0728 or
 Email: chapmanb@wowway.com

IMAA Sanction #: M110-206-06-12
 (Must be an IMAA member.
 You can join at the field)

Ample parking and bleacher seating.

Parking donation: \$3.00

Landing Fee (for pilots): \$5.00

The Big Birds are in the hanger and ready to fly!!!!

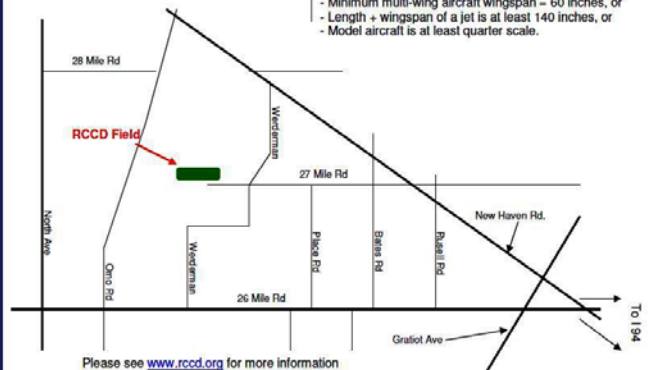
So come on out. There will be plenty of food & beverages, and lots of planes



1st, 2nd and People's choice Plaques & Prizes to win. 1st and 2nd place will be voted on by the Pilots and spectators in attendance.

IMAA model aircraft requirements (must meet one):

- Minimum monoplane wingspan - 80 inches, or
- Minimum multi-wing aircraft wingspan - 60 inches, or
- Length + wingspan of a jet is at least 140 inches, or
- Model aircraft is at least quarter scale.



Please see www.rccd.org for more information

Radio Control Club of Detroit

www.rccd.org

[2 x 2 Rally]

Date: June 13, 2010
 Times: Pilots' Meeting at 9:30 am
 Flying Starts at 10:00 am
 Location: RCCD Flying Field in Wetzel State Park (see map)
 Format: Fly-in
 CD: Ernie Varilone
 586-566-8237
 toyzrme@comcast.net

Sanction #: 10-270
 Parking and bleacher seating.
 Refreshments available at very reasonable prices.

Parking donation: \$3.00

Landing Fee (for pilots): \$5.00

I heard through the grapevine that there were thousands of persons who were not able to make it to our 2x2 Rally last year, so our all knowing and very astute executive board said "let's do it again". So here I am inviting one and all to this year's rally.

The rules are simple: your airplane must have two or more functional wings or two or more functional engines (motors). Your airplane may be any size and may be powered be gasoline, electricity, or nitro.

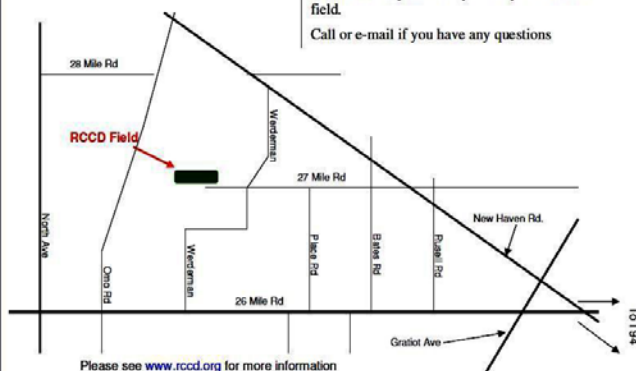
I am pretty sure that you have one of these lurking in the far corner of your workshop, so get it out and join us for an enjoyable day of flying.

We have warm weather and light winds scheduled for that day (just like last year). Who knows? You may even win a prize.

You must be an AMA or MAAC member to fly.

Follow the map on this flyer and you will find the field.

Call or e-mail if you have any questions



Please see www.rccd.org for more information

Radio Control Club of Detroit

Presents:-

Melee over Lenox

Date: **August 21 & 22, 2010**

Times: Registration starts at 8:30am

Pilots' Meeting at 9:45am

Practice Starts at 10:00am

Contest starts at 10:30am

Flying ends approx 4:00pm

Location: RCCD Flying Field in Wetzel State Park (see map below)

Format: RCCA Limited "B" - 6 rounds (Saturday)
 RCCA Open "B" - 6 rounds (3 on Saturday, 3 on Sunday)
 RCCA SSC class - 6 rounds (Sunday)

C.D.: Scott Gilkey (586-786-1265)

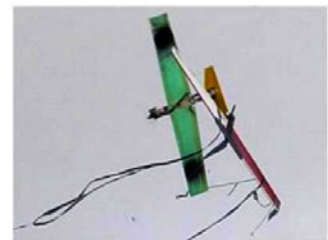
(sock1960@hotmail.com)

Asst. CD: Don Veres (586-778-7362)

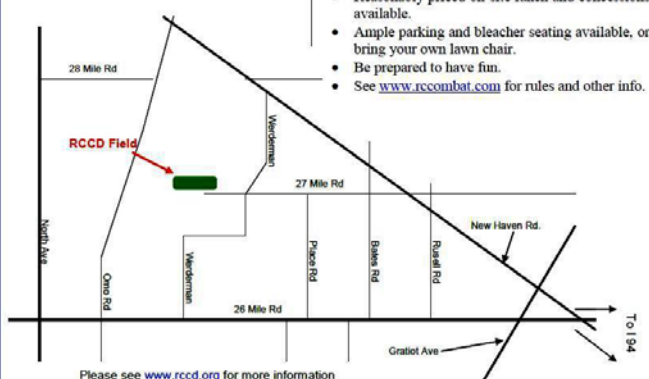
(donveres@comcast.net)

Sanction #: Sanction Applied For

Spectator parking donation: \$3.00.



- Pilot entry fee: \$15 one event, \$20 for two or more events.
- Great time for all; come and watch the most exciting event in radio control
- Reasonably priced on-site lunch and concessions available.
- Ample parking and bleacher seating available, or bring your own lawn chair.
- Be prepared to have fun.
- See www.rccombat.com for rules and other info.



Please see www.rccd.org for more information



THE RADIO CONTROL CLUB of DETROIT Presents the 11th annual CONTROL LINE FLY-IN

Saturday July 24th 2010

**If it goes round and round on wires, be there!
Interested in Control Line??
We will have help on hand to get you started!**

**No entrance fee, just be there.
Pull test required, 98 db at 10'.
Yes Dan you need a muffler!!!!**

**AMA Card required, except for beginners.
No engine running before 10 am.**

For more info contact

**DAVE KEATS
2014 Atlas Dr.
Troy Mi. 48083
Cell #313-348-3053**



Radio Control Club of Detroit

www.rccd.org

[4 - Stroke Rally]

Date: July 25, 2010
Times: Pilots' Meeting at 9:30 am
Flying Starts at 10:00am
Location: RCCD Flying Field in Wetzel
State Park (see map)
Format: Fly-in
CD: Ernie Varilone
586-566-8237
toyzme@comcast.net

MA Sanction #: T.B.D.

Ample parking and bleacher seating.
Refreshments available at very reasonable prices.
Parking donation: \$3.00
Landing Fee (for pilots): \$5.00

Welcome -- Welcome--- Welcome

I would like to take this opportunity to invite one and all to this year's 4-Stroke rally.

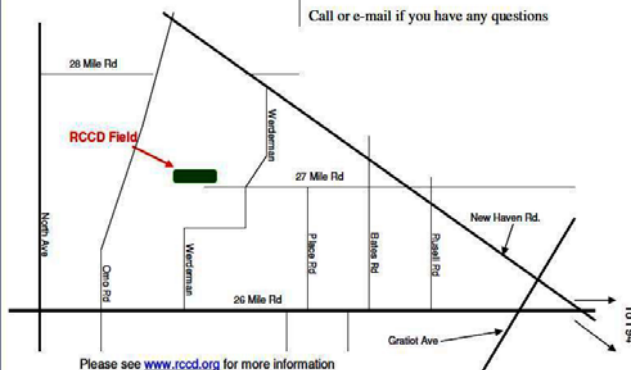
The rules are simple: you must have an aircraft powered with a 4-stroke engine-- any size will do. It may be powered be gas, electric, or nitro. (Huh?!!!!)

None of those pesky electrics will be allowed during the event-- but maybe after.

There will be a Mini-pattern in which you may elect to participate. This will consist of three or four basic maneuvers and successful completion will give you added opportunity to win prizes.

Our club president has scheduled warm weather and mild winds for that day, and if you can't believe the president, who can you believe?

Call or e-mail if you have any questions



Please see www.rccd.org for more information

Radio Control Club of Detroit Presents:-

2010 RCCD Great Lakes Scale

(AMA Class #520 - Fun/Sport Scale)

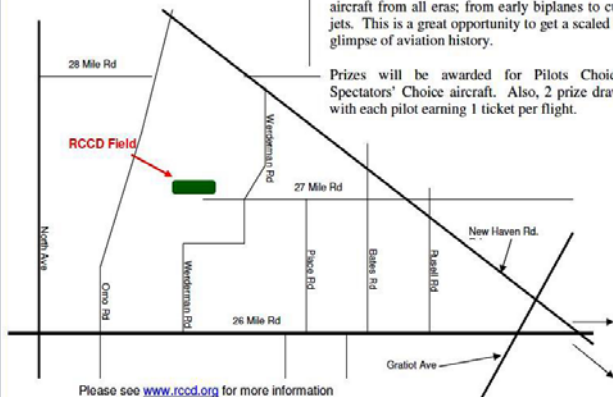
Date: **June 27th, 2010**
Times: Pilots' Meeting at 9:45 am
Flying Starts at 10:00 am and ends at 3:30 pm
Location: RCCD Flying Field in Wetzel State Park (see map)
Format: Any scale plane (proof of full-size for unusual aircraft required).
C.D.: Merlin McClellan (810) 278-5235 (merlinm@comcast.net)

AMA Sanction #: 10-261
Ample parking and bleacher seating.
Refreshments available at very reasonable prices.
Parking donation: \$3.00
Landing Fee (per pilot): \$ 5.00



The Great Lakes Scale event attracts models of aircraft from all eras; from early biplanes to current jets. This is a great opportunity to get a scaled down glimpse of aviation history.

Prizes will be awarded for Pilots Choice & Spectators' Choice aircraft. Also, 2 prize drawings with each pilot earning 1 ticket per flight.



Please see www.rccd.org for more information

Radio Control Club of Detroit

www.rccd.org

2010 RCCD Great Lakes Scale

RC Model Air Show

Date: June 27th, 2010
Times: Flying 10am to 3:30 pm
Location: RCCD Flying Field in Wetzel State Park (see map)
More information is available at: www.rccd.org

- Open to the general public
- Fun for the whole family
- Air Show: Free
- Parking Donation \$3.00
- On site concessions (for purchase)
- RCCD suggests you bring your own outdoor chairs and sun shades



The Radio Control Club of Detroit invites you to experience model aviation at our 2010 Great Lakes Scale fly in.

The Great Lakes Scale Event attracts models of aircraft from all eras, from early biplanes to modern jets.

We hope you, your family and friends will come join us for a day filled with flying fun.

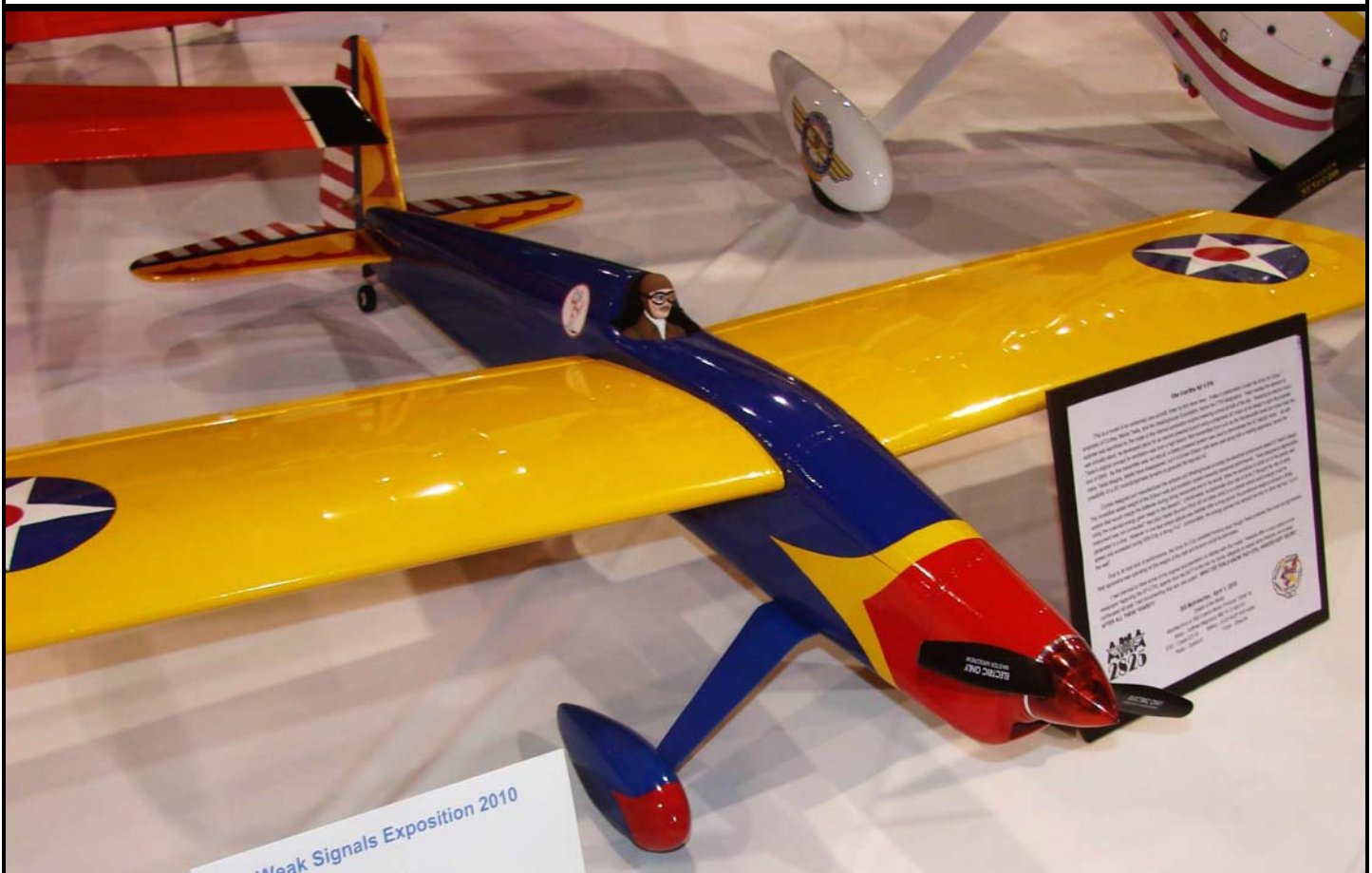
Your opportunity to try R/C flying: RCCD has a program in place to let you safely try flying an R/C plane at all of our flying events. For more information on our intro pilot program please contact The Contest Director: Merlin McClellan at merlinm@comcast.net.



Please see www.rccd.org for more information

2010 RCCD Event Schedule

Month	Date	Day	Event	Event Description
Jan	24	Sun	14th Annual Swap Shop	An opportunity to make space for new stuff, or get a deal on "experienced" aircraft and equipment
Mar	20/21	Sat/Sun	Mall Show	Club members display models and answer questions about R/C model aviation at the Macomb Mall
Apr	24	Sat	Season prep of field	Getting the field cleaned up and ready for the warmer flying months.
May	1&	Sat &	Brag Day &	Saturday: An opportunity for members to grab bragging rights in various categories.
	2	Sun	Watts Over Wetzels-Electric Fly-In	Sunday: Open to any AMA member to fly only electric-powered models (Rain Date 5/16)
May	22/23	Sat/Sun	Great Lakes Combat Challenge	Pilots' planes fly with 30ft paper tail. The object is to cut tails of other planes, defend your tail, and avoid a mid-air. Heats in multiple classes.
Jun	6	Sun	EAA CH13/RCCD Joint Fly-in	Members of both clubs get together to share their respective aviation interests.
Jun	8	Tue	Kids' Night (1)	RCCD hosts kids from area foster and shelter homes, providing a meal and an opportunity to build a basic model and fly R/C. (Evening only)
Jun	12 &	Sat &	Big Bird Fly-in &	Saturday: Open to any AMA member to fly Giant Scale models. (1/4 scale or bigger; or minimum wingspan of 80in for monoplanes; 60in for bi-planes; or length plus wingspan of 140in for jets.
	13	Sun	2x2 Fly-in	Sunday: A fly-in open to any AMA member, for models with two or more wings and/or two or more engines.
Jun	27	Sun	Great Lakes Scale	A fly-in open to any AMA member, for models of full-scale aircraft, with optional judged flying.
Jul	24	Sat	Control-Line Fly-in	Open to any AMA member to fly control-line aircraft in the club's U-control area.
	25	Sun	4-Stroke Rally	A Fly-in open to any AMA member, for aircraft powered only by 4-stroke engines.
Aug	10	Tue	Kids' Night (2)	RCCD hosts kids from area foster and shelter homes, providing a meal and an opportunity to build a basic model and fly R/C. (Evening only)
Aug	21/22	Sat/Sun	Open Combat Challenge	Pilots' planes fly with 30ft paper tail. The object is to cut tails of other planes, defend your tail, and avoid a mid-air. Heats in multiple classes.
Sep	4	Sat	Club Fly-in,	Saturday: Last "big bash" of the year. Saturday is for open flying.
	& 5	& Sun	Club Picnic and Fun-fly	Sunday: Bomb-drops, Keep- the-Jellybeans and/or other pilot challenges, plus picnic.
Oct	9	Sat	Winter prep of field	Winterize the field and enclose the shelter with plastic walls, for the hold-outs who fly through the winter.
Dec	14?	Tue	Christmas Dinner	Good friends, good food, good time. Date to be confirmed



Cessna Skylane

Built by Bill Hackett from Hostetler Plans

Wingspan: 115"

\$3000 obo

Engine: Roto 70 V2 Twin Bill Hackett 586-209-6595



Super Decathlon



This Super Decathlon is another excellent model built by Bill Hackett. It has a 101" wingspan and has 5 great flights on it. He wasn't sure at the time just what motor is in it but just give him a holler.

Asking: \$2000 obo

Built by Bill Hackett

Contact: Bill Hackett 586-209-6595

35% Carden Edge 540



Carden 35% Edge with DA 100-True Turn Spinner-Sullivan Smoke System-1 JR 8411 on each elevator-2 JR 8611 on rudder with match box-2 JR2721 on each aileron with match box-JR 811 on throttle-Duralite battery-JR 649Rx-Carden wing & tail bags-NO hanger rash-For more pictures go to Carden web site - 35% gallery # 4.

\$3995.00

For more info call Don Held 231-584-2662

Classified Section



Extra 260

This is a kit built, Extra 260 ready for your batteries and ready for the air. It is well built and in very good condition. This Extra 260 comes with a 3W-100i-B2 Twin with Electronic Ignition & Receiver (Hitec RCD Supreme-Super Slim-JR Ch. 24). You will need your own batteries (Ignition Batt. & Receiver Batt.).

Also included: Cannister Mufflers, Aluminum Spinner, 2 HD-Switch & Charge Jacks, Remote Fueler and Servos: HS-700BB (hi Torque)-Rdr, El, Ail.

Wingspan: Approx. 100"

Asking \$1100 obo &/or trade

Extra 260 3W-100

Contact: Lou Tisch

duckguylsb@Juno.com

586-709-5378 (cell)

(see business card this page)

Lock Stock & Barrell, Inc.



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FRANK CARLISLE -- c/l expert

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Anchor Bay Models

(renamed from MALT Model Aircraft)

Mike Andros & Lou Tisch purchased Grant's Custom Aircraft out of St. Clair and relocated the operation to Lou's Shop in Clinton Township (see LSB card below). Currently, there are molds for 10 models, including: PBY Catalina (109" ws), Grumman Widgeon, Republic SeaBee (single & twin), Lake Buccaneer, Christen Eagle, several Mustangs, Pylon and fun-fly ships. The 1st kit to introduce will be the SeaKing (Red plane shown below)

As operations progress, we will be presenting the model kits in succession. Keep your eyes open for the introduction of our first kit.

Thanks all, Lou & Mike

Full Scale Aircraft photos courtesy of aircraft websites



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Finally, an easy way to dress up your vehicle & plane to identify you as a member of the Radio Control Club of Detroit...yes, that's a good thing.

Go to: www.MikeStickers.com and click on the RCCD Logo. This will take you to a page with the vinyl stickers along with ordering instructions. As well as stickers for your models & bumpers, you'll find the reverse sticker for the inside of your windows.

This is also the place that made the Pilot Stickers that were given out at the Christmas Party. Be sure to let MikeStickers know that you are a member of RCCD.

Lou Tisch



www.mikestickers.com

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Quality Servo Extensions and Splitters

available from Keith Jones (586)-786-1474

10% discount to RCCD members

PLUS 10% of member sales to the club

Email: KAYDEEJAY9@YAHOO.COM

All Gold Plated Connectors

Qty	Heavy Duty JR or Futaba	Price	Ext price
Fut	JR	(22 gauge wire)	each
		4" servo extensions	\$1.50
		8" servo extensions	\$2.00
		12" servo extensions	\$2.00
		18" servo extensions	\$2.00
		24" servo extensions	\$2.50
		36" servo extensions	\$3.00
		3" "Y" splitters	\$3.00
		6" "Y" splitters	\$3.00
		12" "Y" splitters	\$4.00
		24" "Y" splitters	\$5.00
		Sw harness w chge lead	\$6.00
		Discount	%
		Shipping	
		Rev 1/31/08	TOTAL

RADIO CONTROL CLUB OF DETROIT

Lou Tisch-Editor
36568 Boyce Drive
Clinton Township, MI 48035

Phone: 586-790-2678
Email: duckguylsb@juno.com



Gravity Always Wins !

We're on the web
www.rccd.org



Merlin McClellan
Electric Stuka

Coming Events-2010

June 6, 2010	EAA Chap.13 & RCCD Joint Fly-In
June 8, 2010	Kid's Night (1)
June 12, 2010	Big Bird Fly In
June 13, 2010	2x2 Fly-In
June 27, 2010	Great Lakes Scale Fly-In
July 24, 2010	Control Line Fly-In (U/C area)
July 25, 2010	Four Stroke Rally
Aug. 14-15	Joint Fly In-Romeo Skyhawks/RCCD
Aug 21-22	Combat-Melee Over Lenox

Please check the website for updates and changes to the schedule: www.RCCD.org

