



DCRC Club Newsletter

DCRC Club Meeting

February 15, 2008

Montgomery County Council building

100 Maryland Ave

Rockville, MD 7:30 PM

Meeting program

Marc De Angelis

Cure for ARFITIS.

Volume 54, Issue 1

January/February, 2008

Dave McQueeny presents the winner of the
Monthly Raffle Ira Glickman

A new Coreless Dremel.

This months raffle will be

by David Fepelstein



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V.P. Dave McQueeney
County Liaison: Jim McDaniel

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Visit us on the web: www.dc-rc.org

Did you know that any airplane brought in to the model shop will receive 3 free raffle tickets. Bring in your models each month for your free tickets, and to share ideas.

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Presidents Corner

Andy Kane



Well 2007 is in the books and according to Andy Finizio we had a great year. And you know he's right. We did have a great year!

We sponsored many wonderful events from opening day to Oktoberfest. Opening day was a great event. It has been a long standing tradition in the DCRC Club for as long as I can remember.

County Appreciation day is our chance to shine and shine we did! Our club has a wonderful cross section of talents and at the appreciation day it was evident that our talent can still shine after all these years. Great event and air show, thanks to Andy Finizio, The DCRC Air Show team, Jim McDaniel, Allan Hoffman, and special thanks to all the club members who showed off their fine aircraft and their talents.

We showcased a new electric fly in this year, which despite the high winds was a huge success for the first time, thanks to Jay Stargel.

Oktoberfest again a huge feast, fun fly and all in all a great day. Thanks to team food, Team McDaniel, and our newest team, Team DCRC.

And the final blast for the year the Holiday party, Thanks to Walt Gallagher for the fine eats, and a special thanks to Andy Herold, (Key Lime pie boy). He is one of our newest club members with a long distance relationship. (he lives in Ft Myers, FL).

Now let's look ahead to 2008. When I first took office in Oct of 2006 I had made a list of my short term and long term goals for the DCRC. For the short term I wanted to free up Mike Peizer from the recording secretary duties since he has been working very hard with the training program, and I felt like the training program was the most important. Doug Harper has been stepping in and is doing a wonderful job.

I had visions of a paved parking area for the planes on both ends of the field and the Department of recreation has done a fine job in building the areas that we planned. This is a great improvement to our facility and many thanks go to the club members involved in the planning, preparation and follow thru to make this dream a reality.

Our web page has been updated and Tom Pfarr is doing a wonderful job. Moving the site to a different host was no small task, but it was accomplished seamlessly. My personal thanks go to Tom for his hard work and diligence in updating the web and keeping it fresh. Please help Tom if you can, he is always looking for photos or any other items of interest to share with our world wide web partners.

Looking ahead to this spring we are planning a field clean up for March 29 and then the opening day will be on April 12. Look for more events and updates on our web. We are also planning a spruce up of the transmitter impound area. So visit the field often and look to see more great improvements this year.

December Club Meeting Minutes

BY DOUG HARPER

The Holiday meeting was called to order at 7:40PM by President Andy Kane. Andy asked for introduction of guests or new members. None were present.

Andy announced that we would forego the business meeting, model shop, etc., and move right to the "frolicking". There was some debate about what that meant.

With a few minutes to kill, Andy asked for people to review all the good things we did as a Club this year. Dave Fepelstein reviewed Opening Day. There was a good turnout and everyone had fun. Hopefully, we will have a good time again in 2008.

Next was County Appreciation Day. Andy Finizio thought we had a great crowd, everyone enjoyed the flying, and the County gave us great feedback. Andy is thinking about a few minor changes for next year. He is thinking about cooking the food ourselves and having food available throughout the day. This might save a little money and give us a better menu.

Next, Jim McDaniel reviewed Bealeton that was once again a stellar event. A participant from Ohio even compares it to Joe Nall which is one of the premier events in the country.

Jay Stargel gave a short review of the electric fly which had 22 registered pilots. He thinks he will do more advertising next year to get more pilots. Jay thinks we made money on the event. Andy Finizio commented on how the electric flyers flew in the high winds.

Jim McDaniel returned to the dais to review the July 4th Show Team event at Great Meadows in the Virginia horse country. This year the weather was perfect and the team

did an outstanding job of presenting our hobby. Jim had to talk about what happened to son Joseph as he was taxiing back. Andy Kane was blowing smoke as he taxied and Joseph thought he should do the same. Unfortunately his throttle servo ceased operation and the plane started to head back to the flight line. Being the great pilot he is, he immediately caused the plane to snap and land on its back. There was some damage but at least all were safe.

Jim also reviewed the Bealeton Show Team show just before the full-scale air show on Sunday. The Flying Circus gave us more time this year which enabled us to give a great show. There was a long review of our breakaway U-control act that has been joined by "Magneto Man" (Walt Gallagher) who added a whole new dimension to an already great act with his hard hat.

Andy Finizio talked about Oktoberfest. He will try to make the fun fly a bit shorter next year. We had a great crowd this year and the food was outstanding. Andy finished by asking Don Grey to come up and talk about his experience flying in pattern contests this year. Don announced that he might try to sponsor an "Old Time" fun fly event next year with one channel – rudder.



Don asked the group to indicate any interest in an event like this.



Since the pizza arrived at this point, the focus of the meeting quickly changed to eating and drinking coke. After everyone had gorged themselves, the meeting moved on to the Gift Exchange. The gift box was overflowing with gaily wrapped items and Walt Gallagher proceeded to start the giving. As a twist, each gift recipient could either keep his gift or choose one that already had been opened. As you could imagine, this led to very enthusiastic bargaining among the giftees. Everyone agreed this was one of the best meetings of the year.

A special thank you to our friend in Florida, Andy Herold for sending up the great Key Lime Pies for the Holiday desert and to Walt Gallagher for organizing the holiday meal

The meeting was adjourned at 9:20PM.

Happy Holidays!



January Club Meeting Minutes

BY DOUG HARPER

The meeting was called to order at 7:35PM by President Andy Kane. Andy asked for introduction of guests or new members. Guests



Laurent and Dan Amdallag were introduced and professed to like "toys". They were brought by another DCRC member and plan to learn to fly.



Two more guests, Carl and Seth Reeder, came to "check it out". All four received a warm DCRC welcome.

Program: Andy decided to change the meeting tonight by holding the program first. This evening's program is "Scale Finishes" presented by long time member Fred Nielsen.

Fred started by discussing a wing for a Rear Wing Speedster that was built by Bob Droge who donated it to Fred. It was covered with Sig Coverall, an iron-on fabric covering very popular with scale modelers. Fred uses Stickum to help attach

the covering around the edges.

Also, he uses one piece of covering to do both sides by folding it around the leading edge. He uses Nitrate dope to help attach the covering with heat shrinkage in between. He uses up to 4 coats of Nitrate in this process. He then uses Butyrate dope to final finish. A key element is that the two dopes actually bond with each other forming a very tough finish that can be easily repaired if need be. It is a very attrac-



tive paint as well since it emulates the real thing.

Fred reminded the group that he paints the entire airplane with clear dope mixed with aluminum pigment to block any light that might pass thru the open frame areas like the wing. He then applies white dope and then the final color. It sounds like a lot of work but the dope dries quickly and fills the covering weave very well. It is also very tough and realistic.

For example, if Fred needs to repair a section of a plane, he first repairs the covering and then mixes talcum with clear dope to make a "slurry" that fills and coats at the same time. A consistency of thin cream would be about right. After sanding, the final color coats can be applied. He uses 50% paint, 25% thinner, and 25% retarder for the color



coat which gives the correct viscosity and gloss. Fred uses a high volume, low pressure gun to do the spraying. This kind of gun gets much more paint on the model and less wasted. Fred sands between color coats using 600 grit dry sandpaper, applied very carefully on the open frame areas, so as not to cut the covering.

Fred always uses Randolph dope because he knows it will work. This is the same dope that is used on full-scale aircraft. Randolph is not as easy to find as it used to be but can be purchased from Aircraft Specialties. It does require "hazardous shipping" if bought in large quantities but can be bought in less than one gallon quantities which is not



subject to this.

Next Fred showed a fixture he built to use with 30 to 33% cub wings to create "wing stitching" using fishing monofilament. He starts by using double faced tape to which he applies the monofilament wrapped around brads in the fixture. When he is finished he slices the monofilament to the proper length (about 1/4" for 30%) for the stitches he desires. He then takes the tape with the small pieces of monofilament attached, lifts the tape from the fixture, and lays it on the wing rib. He then covers the monofilament with Beauty Mark tape used to set hair. Finally, he dopes the tape which will penetrate the Beauty Mark tape and sticky back tape holding the monofilament, attaching all to

(Continued on page 6)

Schedule of Events

Also on the web
www.dc-rc.org
 Then click Events

- 6 RC Flea Market Westminster
- 15 DCRC Club Meeting Program
 Marc De Angelis, ARFITIS
- 22 Hanover Radio Control Swap
 Meet, Mechanicsburg, VA
- No Board Meeting

February 2008

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15 DCRC Club Meeting	16
17	18	19	20 No Board Meeting this	21	22	23
24	25	26	27	28	29	

Calendar of Events

February 2008

- 2 Groundhog Day
- 5 Mardi Gras/Fat Tuesday
- 6 19th Annual R/C Flea Market,
 Westminster Aero Modelers Jim
 Hodges 410-596-3052
- 9-10 Northwest Model Hobby Expo
 WA Monroe, WA (D) Northwest
 Model Hobby Expo. Site: Ever
 green Fair Grounds. John Fogle
 song CD,
- 12 Lincoln's Birthday
- 14 Valentine's Day
- 15 **DCRC Club Meeting,
 Program by Marc de Angelis,
 Cure Yourself of ARF-itis.**
- 18 President's Day
- 21-24 19th Annual Winter Festival
 of Giants - Deland, FL (C) 19th
 Annual Winter Festival of Giants.

- Site: Deland Airport. Thomas Beck
 man CD
- 22 Washington's Birthday
- 22-24 Wings Over Venice
 Venice, FL (C-Restricted to IMAA)
 Wings Over Venice. Site: Memorial
 Field. Jack Butler CD
- 23-24 AMPS Aerobatics Challenge
 Miami, FL (AA) AMPS Aerobatics
 Challenge for 411, 412, 413, 414,
 415 (J)(S)(O). Site: Silver Field.
 Anthony Fandino CD

March 2008

- 6-9 Florida Jets Lakeland,
 FL Frank Tiano
- 7-9 17th Annual Dick Cole (IMAA)
 Memorial Fly In Palmetto, FL
- 9 Daylight Savings Time Begins
- 15-16 Gathering of Giants Fly In
 (IMAA) Cape Coral, FL
- 17 St. Patrick's Day

- 21 **DCRC Club Meeting
 Program Jay Stargel, Videos on
 full scale combat and dog fight
 ing techniques**
- 28-30 17th Annual Big Bird Fly In
 (IMAA) Port St Lucie, FL
- 29 DCRC Filed clean up day

April

- 4-6 Toledo Trade show, Toledo Ohio
- 12 DCRC Opening Day
- 15 Tax Day
- 18 **DCRC Club Meeting, Pro
 gram, Terry Lamb, Clark Spit
 fire top gun construction, or
 Paul Sforza Electric ducted
 fan and Awards Night**
- 19-20 Bay City Flyers 12th Annual
 Spring IMAC Classic- Land O Lakes,
 FL
- 26 North Carolina- "Tad Dietrich Me

(Continued from page 4)

the wing covering. This creates a very realistic stitching pattern on the wing rib, a great touch.

Fred received a resounding round of applause at the end of his presentation.



Raffle: Raffle tonight is a cordless Dremel tool. Ira Glickman was the lucky winner of the prize and received much hazing from the group.

Next month's program will be presented by Mark D'Angelos who will present "ARF-it is".

Treasurer's Report: Scott indicated that there was one expense greater than \$100. He also congratulated the club for over-spending for the Holiday Party (by a few dollars) which elicited a large round of applause.

County Liaison: No report by Jim McDaniel.

Field Maintenance: Allan is "working on it". Allan said new lines would be painted on the runway "before Spring". Allan is getting bids for a concrete pad around the impound. Anyone who has a good contractor should call Allan.

Events: No report by Andy Finizio. Jim McDaniel has had discussions with the County who asked that we move the date of County Appreciation Day to June 28. The County is promoting tourism and is going to have many events around the County for people to visit on that date. They would like to incorporate

DCRC into that program and will be creating a podcast. This will be considered at the upcoming Board meeting.

Sound and Safety: Nir said he is watching.

Old/New Business: Dave Drazin indicated that new books were donated by Andy Finizio for anyone who wanted to borrow them. There are new DVDs as well.

Model Shop: Dave McQueeney started by presenting a new jet called the Reaction 54 that he found on RC Universe. It was described as a "Jet Kaos" so Dave, who loved the Kaos, thought it would be fun. It came as a box of sticks and had to be entirely built as an old school kit. It was designed by Bruce Tharp who



has a great rep in the hobby. The kit was of impeccable quality according to Dave. Dave had heard a lot about the Wren jet engine and decided to use an 18lb version for his model. Came out around 17lbs but required some lead. Dave emulated a Grumman F9f Panther color scheme. He ordered graphics from Jerry Cauldle and was very pleased with the result. He used yellow, orange and blue monokote to create a very scale-like appearance. Dave expects it to handle well with a thick airfoil wing. He is installed a 2.4 GHz radio with 10 channels. He will test fly this craft at the earliest opportunity.

Eric Wahlgren presented an SR Bantam Byplane electric which is a top drawer laser-cut kit. Many interesting designs can be achieved using

this technique to cut the parts. He



installed a standard motor/speed control combo and covered the model with microlite. Says it weighs 8 oz and flies well using an 800 mah battery.

Eric also presented a 1 meter foamy called the Hyperion Sniper XL with 28.6X12 prop up front. Weighs around 2.5 lbs with a 60" wing and has great power. The paint smells funny. Using a Spektrum 7-channel with Hitec metal gear servos on the ailerons and elevators. Will test fly at the earliest opportunity.

Andy adjourned the meeting 9:00PM.

January Board Meeting Minutes

BY DOUG HARPER



The meeting, held at the home of Scott Davies, was called to order by President Andy Kane at 7:20 PM. In attendance were Scott Davies, Jim McDaniel, Nir Schweizer, Tom Pfarr, Mike Peizer, Dave McQueeney, Doug Harper, Mike Dooley, Andy Kane, Andy Finizio, and Alan Hoffman.

Treasurer's Report: One expense over \$100 for the month. Budget is on track.

Dave McQueeney has completed an audit of DCRC's books and found all to be in order.

Field Maintenance: Allan Hoffman is looking into a 20'X15' concrete pad for the impound. Our job appears to be small so we are still looking for an affordable bid. Alan expects to have an answer in the near future. The current paving stones will be moved to the helicopter side for their use. He will also look into a pad in front of the shed which might make the job more affordable.

Mike Dooley will be providing paint to Don Gray to touch up the impound. Mike still plans to mark the parking ramps.

Events: Andy Finizio is planning six events for 2008 - Opening Day (scheduled for April 12), County Appreciation Day, Electric Fly in, Rudder Only Fly in, Bealeton, and Oktoberfest (scheduled for September 28). Andy is working with various club members who will be responsible for organizing these events.

The County has asked DCRC to participate in a "Driving Tour" on June 28 which they are organizing to showcase Montgomery County recreational facilities. They are calling this event Heritage Days. They will introduce this with a 55 minute podcast and expect to advertise in vari-

ous local papers. The Board determined that we should reschedule our County Appreciation Day to coincide with this date and to make a donation to help support this activity.

Andy Finizio and Jim McDaniel will develop a detailed plan for this activity by the March Board Meeting.

Flight Training: Mike Peizer will have a 2008 schedule on the website by the March Board meeting. Mike is incorporating information from a book called "Mastering Radio Controlled Flight" into the DCRC training manual.

Website: Tom Pfarr has moved our web site to a more affordable site and everything is working well. Tom asked the Board to take a look at the vendor sites on our web page to make sure they are appropriate for DCRC.

Dave McQueeney is going to investigate putting up live coverage on our web site for some of our upcoming club events.

Sound and Safety: Nir Schweizer proposed that the Board incorporate a field rule banning smoking in the pit area at the field. The Board agreed and signs will be posted to this effect.

Andy adjourned the meeting at 9:11 PM.

A REVIEW OF THE NEW MERCURY CA GLUE By Roy Day

Recently a new brand of CA glue has come on the market with much fanfare because it has a top with a needle which pushes into the opening each time you replace the cap. This will prevent the CA bottle from clogging.

When I began my winter building project, I thought this would be a good time to try out the new Mercury CA. I found the Mercury CA to have good adhesive quality and it was fast drying. However, it had two major drawbacks.

First, the bottle has a short snub opening in contrast to the usual long tapered snout of other CA containers. This means it is difficult/impossible to apply the glue in many construction situations where you need to reach into a close juncture of balsa.

Second, after you have used the glue for some time and recapped it a number of times, you will find that the you are applying more glue than you need. In fact, I found I was wasting a lot of glue because I couldn't apply it where I needed it AND the glue was just pouring out. The novel top with the needle to open the spout had enlarged the opening after repeated closings. This might not be such a problem with a thicker type of CA, but it is a major drawback if you are using the thin variety.

A better solution is the one I've used for years: add a piece of micro-bore Teflon tubing to the long tapered snout of any of the brands of thin CA. After you insert the Teflon tubing into the bottle snout, secure it with a short section of shrink tubing. This arrangement will give you good reach to apply a controlled amount of glue in a tight spot and prevent the bottle from clogging. If you should get a stoppage, it will be right on the tip of the tubing which you can cut off and continue with your work.

You can also use the long rigid extensions sold by SIG which can be attached with shrink tubing to the tapered outlet of most bottles of CA. Both the Teflon tubing and the SIG extensions are available at good hobby stores or can be ordered.

District of Columbia
Radio Control Club

First Class Mail

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One of the oldest and largest RC
clubs in the US.

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Jan/Feb 2008



A bottle of the Mercury CA is shown on the left with the cap removed. The needle that pierces the opening is inside the cap. Note the stubby tip of the Mercury bottle which makes it hard to put the glue in tight places. A better solution is shown on the right with Teflon tubing attached to the tip of the bottle with a piece of shrink tubing.



Mike, Ira and Nir. Just cleaning up after a great day of flying at the field February 3, 2008 55 degrees. Guess Nir's doing all the cleaning, his 3.3m YAK with ZDZ 210 on the left and the new 3m Yak, with ZDZ super 160/JR scheme. Both Composite-Arf planes. www.rcshowcase.com and www.composite-arf.com