



DCRC Club Newsletter

Dick Strimple

Volume 53, Issue 2

February, 2007

Dick says that his quarter-scale Balsa USA Cub is in "semi" retirement at the moment. Instead, he has been flying his Slick, a high performance Hotliner designed by Ted Davey.



DCRC Club Meeting
February 16, 2007 7:30 PM
Montgomery County Council building
100 Maryland Ave
Rockville, MD 7:30 PM

- * Club meeting program
Mike Peizer
- * Club meeting raffle
Spektrum DX-6 Radio
- * Model Shop



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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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COVER,

DICK STRIMPLE AND HIS NEW PLANE,
 PHOTO BY DON GRAY

Presidents Corner by Andy Kane



This month I want to talk about the field. You know, that place where we all go and hang out, tell lots of great stories, and see what some of the other guys have been building. We also go there to see what's new in the hobby, meet a new friend and maybe even get out a plane and do a little flying.

I have been to many flying sites all throughout the country and to say that ours is one of the best is no lie. We not only have a great staff of club officers that really keep the best interest of the club at heart, they are also very active in their flying and time spent at the field, and it shows.

Dave McQueeney is an avid War birder, with some dabbling in electronics. Jim McDaniel has jets, aerobatics and war birds. Andy Finizio is also into jets, war birds and aerobatics. Allan Hoffman has both war birds and aerobatics planes. Mike Dooley and Scott Davies are around help to everybody. Mike Peizer, commits all of his time to the training program, Nir Schweizer, has jets, war birds and his first love aerobatics. The point is that your current board is very active in business and flying and that shows in the overall success of the DCRC.

My next focus will be making improvements and upgrades to our field, the place we spend most of our time. This year we are planning to make a concerted effort to supplement the Park Departments work and try to make our lawn thicker and greener. We will be upgrading and repairing the tables in the pit area and maybe designing a plane restraint system for the tables. (Ideas from the membership would be helpful).

We will also be improving and organizing the interior of the shed and adding some shelving and other

items to make the shed more service-able. We are also planning on upgrading all the signage at the field, and making any necessary repairs to the fence and trash receptacles. We will ask the Parks Department for help as always in these projects, as they have been very helpful in the past.

And finally, we are not going to give up on the proposed parking pit area and additional paved taxi ways, which were approved last year.

On one additional note, I do want to commend the club meeting attendees, for your support of the model shop. It has really been wonderful to have such a great showing, and I expect that the model shop and the meeting attendance will grow during the upcoming year. We are working hard on making the meeting programs more interesting and educational and I hope to be able to draw some very important and knowledgeable people to our meetings to share their aviation experiences with us.

I'm counting on all our members to attend the spring clean up to be scheduled in early April, and thanks again for your continued support.

Until next month.

I do want to commend the club meeting attendees, for your support of the model shop.

January Club Meeting Minutes

BY DOUG HARPER

The meeting was called to order by President Andy Kane at 7:35 PM.

Andy called for introduction of any visitors or new members. Gad and Danny Schweizer (who are visiting Nir) and Nooch Harding were introduced as guests. Joe Navare, new member for 8 months, was introduced.

Andy commented about the passing of Al Anderson. Kudos to Don Grey for the great article about Al that appeared in the newsletter.

There was no old business. Under new business, Don Grey submitted an idea for a donation from DCRC in Al Anderson's name to Bethesda Chevy Chase rescue squad. The board will take that under consideration. Terry Lamb commented that Al has passed all his planes to a group of his friends at the field. These planes are available to anyone needing a plane. Perhaps some of these planes will be auctioned off and the money given to the DCRC summer camp.

Ed Lebolt commented that the summer camp is on again for next year. He is presently working on the details and asked for help from the club. There has been interest expressed by Montgomery County schools who would like to come to the field while the summer camp is in session. This idea will be considered.

A treasurer's report was given by Scott Davies. There were three checks writer in excess of \$100.

Currently there are 182 members in the club. Dave Fepelstein announced the raffle for tonight which consists of several packages of high quality Wiha tools.



Andy then moved on to the model shop. Dave McQueeney presented his Yellow Aircraft AT6 Texan ARF. Dave built this model in less than a month and is nearly finished. He installed a 3W75 which fits nicely in the short Texan cowl. Dave also brought a dummy radial that he will install in the Texan nose to dress up the model and also block off the air except for the airflow over the cylinder head. This should result in better engine cooling. Dave plans to use a custom muffler from Kelvin's Creations to give a scale-like appearance and still be quiet enough for our field. Dave also brought two scale pilots from Axel's Scale Pilots in



Germany. They are light and very well done. They sell for around \$150 to \$200 and are of the best quality.

Dave Littleton introduced his Trainer Ugly Stick for Senior Citizens made by Richmond Models. Dave felt he needed this model after crashing three other Ugly Sticks. Nir Schweizer then presented his Comp ARF 2X2. Nir installed JR radio equipment and a 50cc DA engine. This plane is 1/4 scale. Nir went to great lengths to



keep this plane light. Jay Stargel showed his hand launched glider, the Orion, that he plans to slope fly. This model weighs 13 ounces and is covered in translucent covering.

Doug Harper showed his pilot figure from HP pilots that he plans to install in his 1/3 scale L4 that he is preparing for Top Gun in Florida. Ed Lebolt showed his Great Planes Taylorcraft. Ed also showed a mystery plane that Don Grey identified as a Skyhawk from the 1960s. Ed inherited this plane from his Dad and remembers flying this plane as a kid with

The audience gave Nir an enthusiastic hand for a great program.



an .049 and a single channel radio. Ed plans to put a 3-channel radio in it and fly it again. Finally, Ed brought a "freebie" that he offered to anyone who wanted it.

Andy discussed a new lithium manganese battery from Duralite. It purports to not catch fire and can be charged by the older lithium chargers.

Dave had two young members pull the winning raffle tickets. Nooch Harding, Jose Sanchez, Gad Schweizer and Jimi McBride all won sets of tools.

Tonight's program was presented by

(Continued on page 4)



(Continued from page 3)

Nir Schweizer who discussed how he built the Composite ARF Patty Wagstaff Extra 300 aerobatic airplane. Although the model comes formed and painted it still takes from 40 to 60 hours to finish. Nir first thoroughly cleans the airplane to remove all the mold release and wax. He then inventories and inspects all the parts for completeness and potential damage. He starts with the rudder and tail wheel followed by installation of the phenolic control horns using white epoxy glue (Loctite) and the servos for the elevators and rudder. He shoots for light weight but high strength.

Next, he glues the canopy into the canopy frame and then installs the whole assembly onto the plane to keep everything aligned while the glue dries. He used Rit dye with salt to tint the canopy. The salt speeds up the dying process. Getting the canopy aligned and glued is tricky and requires a lot of patience.

He then installs the exit hole and sheet metal scoop in the bottom of the fuse for exhaust gas (credit Mike Dooley for the idea). This keeps the heat out of the fuselage. Nir makes the wheel pants removable from the aluminum landing gear. To save weight, he only installed one servo on each aileron since the new JR servos produce 400 oz in of torque. He installs a balsa former for mounting the servo for extra strength and to prevent buckling of the wing skin.

This model has gone back to the wing tube design which Nir prefers. Installing the engine takes a good bit of time. He used a ZDZ Super 80 cc from RCS. Nir installed the engine horizontally so he could use canister mufflers for quietness. This required a small hole in the side of the cowl. He installed as much weight forward toward the nose to help balance the plane. He installed balsa air baffles in the cowl to help cool the engine. Nir installed the new lithium manganese Duralite batteries with a voltage regulator that is built into the on/off switch. This type of switch also provides a fail safe mode to prevent switch failure.

The audience gave Nir an enthusiastic hand for a great program.

The meeting was adjourned at 9:13PM.

DCRC Video Library Update

BY DAVID DRAZIN

The DCRC Video Library is in the process of being updated. Currently the library consists of VHS tapes and several CD/DVD programs, many of which were made 25 or more years ago. I will be selecting tapes/CD/DVD in the coming months to add to the list of titles available. The topics, of course, will be on model airplanes and full size craft. In addition to RC events, all aspects of building, or ARF assembly, flying and maintenance will be subjects to archive. I will look for programs on historic, military, civilian and commercial planes.

If any member has other suggestions about subject matter, I would appreciate hearing from you. In particular, the sources where the programs can be purchased.

The current list of titles will be posted on our website soon. Eventually, the list will have the title, format, run time, and a brief description of the subject. As new titles are added they will be marked. A member can "reserve" a title on our website, in advance, and I will bring it to the next meeting.

I look forward to making this library a good resource for our club.

David Drazin

Only Dogs can ARF!

BY DAVID DRAZIN

We have all read and heard the lament about the rare, and diminishing art, of building from a kit or an original design. It is apparent today, that the vast majority of models are Almost-Ready-to-Fly or even Ready-to-Fly. Only those with patience, and the tenacity will keep this aspect of modeling alive.

In order to promote and recognize the creative abilities of individuals who would keep the art and craftsmanship of aeromodeling viable, the DCRC club will offer an award. Two categories will be given. One for an original design and one award for a kit-built model.

Rules for original or kit:

- Only current members of D C R C will be eligible.
- Model must be able to successfully fly under radio control.
- Model must be built by non-commercial facilities.
- Entries must have flown in the previous flying season.
- In the event of a tie, multiple awards will be made.

As the April DCRC meeting is for club awards, bring your entries then. We will judge them at the meeting and make the award(s) at the end. Notify me, David Drazin, one week before the April meeting that you intend to enter a model. If you will not be available, make arrangements with someone else to bring your model.

My e-mail is

daviddrazin@yahoo.com



Schedule of Events

www.members.aol.com/akane92802/DCRCEvents.html

Local events in February

- * 16th DCRC Club Meeting
- * No Board Meeting

February 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16 Club Meeting	17
18	19	20	21 No Board	22	23	24
25	26	27	28			

Calendar of Events

February

- 16 DCRC Club Meeting No Board Meeting
- 22-24 18th Annual Festival of Giants FL 2/22/07-2/24/07 - Jacksonville, FL (C) 18th Annual Festival of Giants. Site: Lanny Road. Thomas Beckman CD, 104 Sycamore Lane Lake Nelen FL 32744 PH:386-228-0700 email: brutuslt@worldshare.net. Under new club management and at a new site. We have a paved run way and a smooth mowed grass strip. This 80"/60" will apply, scale Turbines will be allowed if they meet the 80 inch wing span rule. There will be a pilots dinner on Friday. Pre registration \$15 for the three days or \$20 on site. For more info visit our website www.gatewayrc.org or call Buford Howard PH:904-879-2834 or the CD. Sponsor: GATEWAY RC CLUB

March

- 28-4 Florida Jets Lakeland, FL (C) Florida Jets. Site: Airport. Frank Tiano CD, 3607 Ventura Dr E Lakeland FL 33811 PH:863-370-1288 email: frank@franktiano.com. Visit www.franktiano.com.
- 10-11-16th Annual Dick Cole Memorial Fly In

- Palmetto, FL (C-Restricted to IMAA) 16th Annual Dick Cole Memorial Fly In. Site: Club field. James Holloman CD, 3312 50th Ave E Bradenton FL 34203 PH:941-727-5670 email: jhollo6540@aol.com.
- 16 DCRC Club Meeting Dave McQueeney will provide the Meeting program will be: The Raffle will be:
- 16-18 Gathering of Giants- Cape Coral, FL (C-Restricted to IMAA) Gathering of Giants. Site: Seahawk Park. James McCormack CD, 5362 Coral Ave Cape Coral FL 33904 PH:239-542-8350 email: jimmarbud@aol.com.
- 21 DCRC Board Meeting. Dave McQueeney
- 24-25 IMAA Big Bird Fly In- Port St Lucie, FL (C-Restricted to IMAA) IMAA Big Bird Fly In. Site: Midway Field. Ken Bridges CD, 9639 Fairwood Court Port St Lucie FL 34986 PH:772-201-5509 email: docbridges2@aol.com.
- 31 Warbirds Over Deland- Deland, FL (C) War Birds Over Deland. Site: Airport RC Field. William Meyer CD, 745 Bay Drive New Smyrna FL 32168 PH: 386-426-7853 email: momonsb@ucnsb.net.

April

- 13-15 Toledo Trade show www.toledoshow.com ETOC Toledo, OH (C-Restricted to Invitational) ETOC. Site: Waite H.S. Tom Kroggel CD, 2400 S Detroit Apt 13 Maumee OH 43537 PH:419-868-5408 email: kroggel@tbbs.net.
- 20 DCRC Club Meeting Andy Finizio will provide the Meeting program will be: The Raffle will be:
- 21 Spring field clean up
- 21-22 11th Annual IMAC Spring Classic Land O Lakes, FL (AA) 11th Annual Spring Classic for 411, 412, 413, 414, 415(JSO). Site: Club Field. Dave Link CD, 4931 Kempton Woods Cir Wesley Chapel FL 33544 PH:813-843-3017 email: progolf99@yahoo.com.
- 22 DCRC Opening Day Picnic and fun fly
- 28-29 Eastern US Free Flight Championship Ingleside, MD (AAA) Eastern U.S. Free Flight Championship Thomas Kerr CD, 7733 Airy Hill Rd Chestertown MD 21620 PH:443-780-1363

May

June

July

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 7:10 PM. In attendance were Allen Hoffman, Dave McQueeney, Eric Monnig, Tom Pfarr, Andy Kane, Mike Dooley, Scott Davies, Doug Harper, Dave Drazin, Andy Finizio and Jim McDaniel.

Andy welcomed visitors Tom Pfarr who will showcase the new DCRC website, Eric Monnig who will be helping with field maintenance this year, and Dave Drazin who will discuss a proposal for the DCRC library.

Dave Drazin distributed a proposal for updating the current DCRC video library. Dave updated the Board on the current status of the library which is somewhat outdated and disorganized. Dave requested that the Board allocate a small amount of money to be used for updating and reorganizing the library. Dave suggested \$200 to start. He cited the possibility of using the newer tapes for meetings and suggested subject matters such as RC events, ARF assembly, model flying and maintenance covering military, civilian, and commercial aviation. The Board agreed to spend the \$200 this year with the proviso that we see how much usage the library gets over the coming year. Dave will report back in the Fall when the budget process is underway.

Eric Monnig then proposed options for improving the grass at the flying field. His preferred option is for 600 lbs of Tall Fescue seed and fertilizer. He feels he can leverage his work price for purchasing the materials needed. The current grass consists of many varieties and has lots of weeds in it. While the weeds may not hurt our modeling, they definitely are unsightly. Eric proposed using a "slicer" to groove the ground so the seed is protected and gets maximum benefit from the rain. The Board had a discussion about how to get water to the field to irrigate the new grass seed. Eric felt it would take most of next

season to get the new grass established. Jim

McDaniel suggested that Eric talk with the County so any work they do on the grass, for example lime or fertilizer, be coordinated with our efforts. Eric also suggested he would have a soil sample evaluated at UofMd to see what will help our grass. Andy Finizio suggested we rope off a section of the pits to allow the new grass to get established. He also suggested that we all use overflow tanks so no fuel spills on the grass. After much discussion, the Board suggested that Eric along with Jim and Allan meet with the County as soon as feasible and then come back to the March Board meeting for further discussion. Andy Kane pointed out that there is money in the field maintenance budget that could be used to improve the field.

Next, Tom Pfarr reported on work he has been doing with the DCRC website. So far, he hasn't changed the look and feel of the website but he has overlaid the manual links with some automatic links. This will make maintenance and content change to the website much easier. It will also allow much fancier functions to be added in the future. For example, videos could easily be added. Tom will be switching to the new website in the near future. Dave McQueeney moved and Scott Davies seconded a motion for Tom to proceed.

Andy Kane proposed that we remove the password for access to our newsletter. Motion seconded and passed.

Treasurer's Report: Scott reported three expense items over \$100. Dave McQueeney reported that a thorough audit was done on the club books and everything is in good order.

County Liaison: Jim had no report.
Sound and Safety: Dave McQueeney has checked with AMA on whether pagers or other frequency

sources have caused any problems at other fields. AMA maintains a list of licensed transmitters in a given area. Dave will use this resource on an as-needed basis. Jim McDaniel asked if we had access to the type of scanner that could be used to monitor frequencies. Dave will check with AMA.

Field Maintenance: Several areas were proposed for attention: fencing, signage, shelving in the shed, picnic and field tables. Allan suggested we put together a work party in the spring to address these items.

Events Committee: Andy Finizio proposed the following event schedule:

Opening Day - Sunday, April 22
County Appreciation Day - Saturday, June 30
Octoberfest-Sunday, October 30
Bealeton- September 7-9
Summer Camp-Date to be determined
Electric Flyin- CD and Date TBD
Andy Kane will contact someone to CD and pick date.

These dates will be solidified in the near future and sanction applications submitted. Andy Finizio volunteered to explore a War bird fly-in to be sponsored by DCRC, perhaps at another location than our field. The awards meeting will be in April. Andy Finizio will coordinate the awards.

Flight Training: Schedule will be determined and published in the near future.

Membership: We currently have 180+ members so we should make our budget income by Spring.

Newsletter: Andy solicited comments on the newsletter. There was unanimous approval from all Board members.

Vice President: Dave McQueeney will ensure that interesting, timely meeting programs for the year will be put in place shortly. Hopefully, we will have these far enough ahead to advertise in the Newsletter.

Old or New Business: None

Andy adjourned the meeting at 9:06 PM.



The Good Stuff BY DON GRAY

Happy New Year to each of you. By now, hopefully everyone should not still be putting 2006 on their checks. A

good trick I learned from my wife is to predate a few of the new year checks. That seems to work for me. But it still doesn't help me find my check book with I misplace it. I trust the holiday bills have started to taper off a bit.

Well it looks as if the abnormally warm weather we enjoyed for a number of days in December has gone for a while and old man winter has finally settled in. Unless you are heading south for one of the RC events, I would guess flying will be mostly indoors on the simulator if you have one. This is also a good time to clean up the shop, throw out the junk, go over your models, check out your batteries, servos, linkages, receivers (especially antennas), and that ancillary equipment we rely on may also require some TLC. Then you can concentrate on designing, building or assembling (in the case of ARF's), those new toys you received as a gift or didn't finish up last season.

The first two pictures this month were taken by Ron Bozzonetti back when the grass was still green and growing. Marv Klein has been a DCRC member for about 26 years. He is pos-



Marv Klein with his Flyin-King

ing with his Flyin' King, produced by Bruce Tharp Engineering. The model was built from a kit my former club member Don Thompson and is of balsa and plywood construction. The covering is MonoKote. Marv is using a Super Tigre .61 for power. The model has a

wingspan of 80" and weighs a little under 10 pounds. Marv is using a Futaba Super Seven radio with FMA servos. The model is still available from BTE and has the option of adding flaps. BTE indicates that the model is perfect for those who like to fly at slower and more relaxing speeds.

Last year Henry Bergen decided that he wanted to try his hand at flying gas turbines. He read several reviews for a good entry-level trainer and decided on the Baby Boomerang. The model was designed in the UK. Although a jet ARF, the model is constructed out of balsa and plywood. The aircraft is powered by a Jet Cat P60 turbine, carries 75 ounces of fuel and weighs 14 pounds. The model is equipped with Spring Air retracts and BVM wheels and brakes. Henry is using a Futaba PCM 9C radio with analog servos except for the eleva-



Henry Bergen and his Baby Boomerang

tor servo, which is digital. Henry adds that the model is a great flier and recommends it as a first turbine trainer.

Erwin Estrella is another one of those fast learners. He joined the club last September and wanted to learn to fly airplanes. However when he found no one available to help him when he arrived at the field, he wondered over to the helicopter field and decided, after talking to a couple copter pilots, to give helicopters a try. He has progressed to the point where he is comfortable with forward flight and nose-in attitudes as well. He is seen with one of his four cop- ters, a Century Predator 90. The model is powered by a YS 91 ST running on 30% Cool Power fuel. For a radio, Erwin is using a Futaba 9ZWC2 with 9252 Digital servos and a Futaba 601 Gyro.

Dick Strimple says that his quarter-scale Balsa USA Cub is in "semi" retirement at the moment. Instead, he has been flying his Slick, a high perform-



Erwin Estrella with his Predator

ance hotliner designed by Ted Davey. Hotliners are mainly designed to obtain rapid ascents and then settle down for low decent rates, potentially yielding long flight times. Dick built the model some years back from RCM plans. It has a 72" wingspan and uses a Selig 3021 airfoil. The model is powered by an AXI brushless motor with 3 3700 mAh - 20C LiPo cells in series. In theory, this battery could handle 70 Amps. A Jetti



Dick Strimple and Slick

ESC rounds out the power system. He is using four channels of his six-channel JR radio.

I'm trying to clean up some of the flies in my picture folder. So if anyone wants a picture that appeared in my column, let me know and I be happy to email it to you if I still have it. You can contact me at degray@verizon.net. Well that wraps it up for this month. See you at the ice skating pond.

District of Columbia
Radio Control Club

First Class Mail

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

www.dc-rc.org

February 2007

1/5 scale Spitfire built by David Glen Whaddon, Cambridge

