



DCRC Club Newsletter

Volume 54, Issue 2

March/April, 2008

DCRC Club Meeting

April 18, 2008

Montgomery County Council building

100 Maryland Ave

Rockville, MD 7:30 PM

Membership Meeting program

AWARDS And

Terry Lamb

Top Gun/Spitfire project



Dave McQueeney with his first jet, Reaction 54 after 3 successful flights. One happy man!

PRESIDENT: Andy Kane

V.P. Dave McQueeney
 County Liaison: Jim McDaniel

BOARD OF DIRECTORS

Scott Davies 301-770-9150
 Mike Dooley 301-843-8818
 Andy Finizio 301-983-8557
 Allan Hoffman 301-845-8485
 Andy Kane 301-785-3022
 Jim McDaniel 301-916-0366
 Dave McQueeney 301-330-9385
 Mike Peizer 301-589-8299
 Nir Schweizer 301-972-2248

TREASURER:

Scott Davies

MEMBERSHIP SECRETARY:

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 305 Natick Court
 Silver Spring, MD 20905-5875

RECORDING SECRETARY:

Doug Harper

SHOW TEAM MANAGER:

Jim McDaniel &
 Allan Hoffman

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MEETING PROGRAM COORDINATOR:

Dave McQueeney

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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.

TABLE OF CONTENTS

PRESIDENTS CORNER	PG 2
CLUB MEETING MINUTES FEBRUARY	PG 3
CLUB MEETING MINUTES MARCH	PG 4
CALENDAR OF EVENTS	PG 5
AL MONSKA AWARD	PG 6
BOARD MEETING MINUTES MARCH	PG 7

Cover:

Dave McQueeney and his new Reaction 54 after the first flights,

Photo by Andy Kane

Presidents Corner

BY ANDY KANE



On March 29, the Board of Directors organized a work clean up detail for the field, in an effort to get ready for the April 12 Opening day Ceremony. The temps were in the 40's and the winds were not light, but the consistent support of these members makes our club what it is today.



We replaced all the wood on the pit seating benches, replaced the wood seating on the north end bleachers, replaced the wood on 2 of the gazebo



picnic tables, routed and sanded all the picnic tables.

We also cleaned the pit area by removing some of the damaged pit tables, cleared the area in preparation for the upcoming concrete work, repaired and adjusted the shed doors, and made an overall sweep of the area for trash and debris.

We spent 450.00 (Field Maintenance budget) on materials to accomplish



all this work and the field is now ready for Opening Day. RC Showcase provided the donuts and coffee.

I want to thank the following mem-



bers for their help and support. Jim McDaniel, Joseph McDaniel, Mark Dusenberry, Andy Finizio,



Mike Dooley, David Garrison, Eric Monnig, Nir Schweizer, Dave McQueeney, Fred Nielsen, David Fepelstein, Walt Gallagher, Doug Harper, Mel Swerdloff.

I would propose that you, as regular club members give these hard working members your thanks as well, the next time you see them.

February Club Meeting Minutes

BY LES HAMILTON

The February meeting was called to order at 7:35 PM by President Andy Kane. Andy asked for introduction of guests or new members; there were none present.

Andy announced that the business meeting would be expedited to allow more time for the main presentation. A few reports and announcements would be followed by the model shop, a break for the raffle, and the main program.

Treasurer Scott Davies stated listed the two reportable expenses: postage for mailing the newsletter and a donation to Heritage Montgomery.

Membership Secretary Andy Kane reported that DCRC now has 184 members.

Newsletter Editor Andy Kane apologized for the absence of a January newsletter. (Volume 54, Issue 1 was for January/February, 2008.) He said there would be no newsletter for March and the next issue would be published in April.

Allen Hoffman reported that prices for additional concrete work at the field will be provided to the Board at their next meeting. Plans call for a 22 by 27 foot extension for the shelter plus a pad adjacent to the transmitter impound.

Andy called for announcements.

Dave McQueeney discussed a safety issue which may affect DCRC members. The problem involves a limited number of Futaba 6 and 7 channel radio systems operating on 2.4 GHz. Dave said there is an extensive discussion of this issue on the RC Universe website.

Dave explained that some of the transmitters were shipped without proper programming at the factory, and had a "zero code." Instead of using the "frequency hopping" method, they operate on a single frequency. The problem arises when there are two or more such transmitters at the same field, because they operate on the same channel. When used simultaneously, interference is inevitable.

Anyone with a Futaba 6 or 7 chan-

nel system operating on 2.4 GHz should exercise caution until they are sure their unit is functioning correctly.

Futaba has provided some hobby shops (Hobby City in Burtonsville is one) the means to test transmitters. Defective units must be returned to Futaba for reconfiguration.

Dave urged owners of Futaba 6 and 7 channel transmitters operating on 2.4 GHz to read the service advisory. Tom Pfarr will add a link to the DCRC website and an email will be sent to DCRC members.

Ed Leibolt announced plans for the DCRC summer camp to be held from July 28 to August 1. Tuition will be \$40. The camp has 8 airplanes and can accommodate a maximum of 12 campers. Minimum age for campers is 12 years.

Don Gray mentioned he had trouble getting into the DCRC website (404 error). There was a brief discussion of the possible causes.

There was no old business.

MODEL SHOP

Tom Pfarr presented his beautiful 1931 Monocoupe, an ARF from Pacific Aeromodel. It is a clipped wing version, powered by a Fuji 24 gas engine. Tom was pleased with the quality of the components and the excellent finish of the plane. It weighs 13 lbs. The plane has a pull-pull rudder and the elevator servos are mounted on the side of the fuselage at the rear,

Tom said there are very few of the full-scale planes still in existence. This color scheme for this model is based on a plane in the EAA museum in Oshkosh. There is a red one in the College Park Airport Museum.

Jim Blachfield presented an unusual design, designed to resemble a bald eagle. It retails for \$69, is built of tough expanded foam, and is configured as a glider. It uses the V-tail design. Jim added electric power, and says the plane resembles a bird when airborne. Jim thought the plane might be attacked by other birds, so he added a car alarm which can be triggered from his transmitter. So far, there have been no attacks!

Mike Kroese presented two air-

craft. The first was a "Schoolgirl E" biplane built from a Ron Anderson kit. It has a speed 400 brush motor. Mike says the laser-cut kit was excellent and took about 30 hours to build. It's a three-channel system: speed control, rudder, elevator. It flies about 20 to 25 mph. The fuselage is red and the wings and tail feathers are covered in transparent yellow. Lightweight Monokote was used for covering.

Mike's second aircraft was a T Rex 500 electric helicopter, powered by a 2 cell 2200 mAH Lipo battery. Flight per charge is about six minutes. Mike's flown it only once so far. He found it easy to control and it hovers well. He estimated assembly time at 15 hours. Mike strongly recommended www.helifreak.com for its videos on building, setting up, and flying helicopters.

RAFFLE - Craftsman table-top band saw. Won by Frank Neher.

MAIN PROGRAM: "Cure yourself of ARFitis and have fun in the process" by Marc de Angelis and Beppe Fascione.

This entertaining talk, accompanied by a slide show and real examples, is certain to stimulate more interest in the various options available to modelers. The speakers pointed out their suggestions (included in a handout and available on a CD) are intended for sport designs, not serious competition.

Beppe's definition of an ARF: "An ARF is an expendable aircraft that gets you in the air quickly so you can take your time building the model airplane you REALLY want."

They pointed out that ARFs have improved considerably over the years but they are still imperfect. They cited and showed examples of sagging covering, rods fractured in making z-bends, poor hardware, improperly assembled components in inaccessible places, incomplete or errors in instructions, parts interference. And the ultimate catch-all: BAD DESIGN.

When you build an aircraft, it is easier for you to maintain it and to repair it when it is damaged.

Often, designs can be modified during construction to avoid or mitigate problems later. For example, when

(Continued on page 6)

March Club Meeting Minutes

BY DOUG HARPER

The meeting was called to order at 7:48PM by President Andy Kane. Andy asked for introduction of guests or new members. Steve Gobel, who built models as a kid, was present as a guest. He intends to join DCRC. Shawn Usman and Glen Jocher want to learn how to fly helicopters.

Andy commented that there was no March newsletter but there will be a March/April newsletter.

Old Business: None

New Business: Don Gray announced a Rudder-only Funfly on July 13. There will be a seminar in May to help people get ready and Andy Kane will put a notice in the newsletter.

Events: The electric fly has been cancelled. Andy Finizio would entertain putting it back on the calendar if someone wants to run it.

Opening Day is Saturday April 12. Dave Fepelstein will be in charge of the activities and food. David encouraged people to bring all those new projects out and fly. Festivities will start around 11AM.

Heritage Day is Saturday June 28 and will be coordinated with the County. Andy Finizio is planning a slightly different approach to food this year by cooking food at the field. This will give us more flexibility at a lower cost. Andy needs cook volunteers to help. He also encouraged people to come and fly.

Treasurer: Scott reported that there were two expenses greater than \$100. Scott brought a copy of the budget for anyone who wanted to look at it.

Flight Camp: Ed Leibolt reported that Flight Camp would benefit if some of the members could do flying demos using a jet and helicopter.

They should contact Ed if they can help. Camp will be held July 28 thru Aug 1 this year.

Field Maintenance: Allan has solicited bids for concrete work around the impound as well as between the shelter and shed. He will present his findings at the Board Meeting and hopefully have that work done by Opening Day.

David Fepelstein introduced tonight's raffle, a cordless Dremel tool. He encouraged the members to buy lots of tickets.

Model Shop: Dave Drazin showed his "experimental" project to develop a model that plane that will fly with no propeller. He was only joking since his model, which came from Ebay for \$12, had a prop nut that just wouldn't fit. He asked for membership help in getting this corrected. He hopes to be flying his Chinese model soon.

Andy reminded members that the video library is available for member use.

The Raffle was won by Ron Bozzetti. There was an enthusiastic round of applause.

Program: The first part of the program was presented by Fred Nielsen who demonstrated a new aluminum soldering process he recently learned about. The product is made by Mid-AM Marketing and is called HTS-735-II fluxless brazing rod (www.mid-ammarketing.net). This process, unlike others in the past, creates a very hard and strong weld that could be useful in our hobby for repairs of mufflers and other aluminum parts.

The second part of the program was presented by Jay Stargel who showed a History Channel video on

dog fighting techniques used in WWII up thru Viet Nam. The video also presented a side-by-side comparison of WWII fighters like the ME109 and the P51. An interesting aspect of the video was the proposed abandonment of dog fighting after WWII as jet aircraft came on line and missiles became the primary weapon of choice. This occurred all the way up to Viet Nam but was quickly changed back to dog fighting as the military learned that dog fighting was still of great value. This resulted in the creation of programs like "Top Gun" where Navy pilots were taught how to dog fight again. The next part of the show presented aerial combat between F4 Phantoms and the Mig17 over Viet Nam. This match up was a classic heavy but higher power Phantom against the lighter, more agile Mig. Each had its specific advantages but the Phantom came out on top in most dog fights.

The meeting was adjourned at 9:22PM.



Fred Nielsen at 80 years young still very active. Below, Walt Gallaughter, yes he was doing some work!



Schedule of Events

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



2008 DCRC FLIGHT TRAINING SCHEDULE

- April 26
- May 10 & 24
- June 7 & 21
- July 12 & 26
- August 9 & 23
- September 13 & 27
- October 4 & 18
- November 1

Certification: Often, an instructor can remain after the training session is over to certify a new pilot. Other times for pilot certification can be arranged with any qualified certifier. See the list of certifiers posted at the field.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12 DCRC Opening Day
13	14	15	16	17	18 DCRC Club Meeting	19
20	21	22	23 Top Gun Begins	24	25	26 DCRC Training
27	28	29	30			

Calendar of Events

April

- | | | |
|--|--|---|
| <p>4-6 Toledo Trade show, Toledo Ohio</p> <p>12 DCRC Opening Day Fun Fly David Fepelstein</p> <p>15 Tax Day</p> <p>18 DCRC Club Meeting, Program, Terry Lamb, Clark Spitfire top gun construction and Awards Night</p> <p>23-27 Top Gun Lakeland FL Lakeland Airport. Frank Tiano CD, PH:863-370-1288 email: frank@franktiano.com.</p> <p>26 DCRC Flight Training, Walt Good RC Field, Germantown, MD, Mike Peizer</p> | <p>PH:540-347-5871 email: mcmullenshome@comcast.net.</p> <p>10 DCRC Flight Training, Walt Good RC Field, Germantown, MD, Mike Peizer</p> <p>11 Mother's Day</p> <p>14-17 Joe Nall, Woodruff ,SC C-Restricted to IMAA. Michael Gregory CD, PH:864-297-1201 mjuelgregory@bellsouth.net</p> <p>16 DCRC Club Meeting Program by Charlie Calvert, Model air plane tid bits to make you life easier</p> <p>17-18 Spring Float Fly, PA Mauch Chunk Lake Park. William Huegel CD, PH:570-778-3580 rccdbill@hotmail.com. www.tuscarorarcflyingclub.com</p> | <p>Good RC Field, Germantown, MD, Mike Peizer</p> <p>24-25 Mid Atlantic "Bud Donnelly" Memorial Jet Rally Chesapeake VA Frank Rega CD, PH:757-479-4905 airega1@verizon.net.</p> <p>24 MARS Big Bird 11th Annual Fun Fly Zelenople PA C-Restricted to IMAA William Scherle CD, PH:412-366-0266 wscherle@verizon.net.</p> <p>26 Memorial Day</p> <p>29-1 Blue Grass Jet Jam, Bowling Green, KY Mike Kirby CD PH:270-784-9276 edwardmkirby@earthlink.net</p> <p>31-1 ButcherFest II: 2008 IMAC Ashland, VA USA Pete Castine 434-385-4928</p> |
| <p>3-4 FARM Spring IMAC Opener Bealeton VA William McMullen III CD,</p> | <p>24 DCRC Flight Training Walt</p> | |

The AL Montkza Award

BY WALT GALLAUGHER

The past recipients of the Dr. Al Montkza "Outstanding Service Award" met at the home of Walt Gallagher on March 27th to consider a prospective recipient of the award. The results of the meeting will be announced at the April general meeting. The criteria to receive the award are:

- 1) *An active member for a number of years.*
- 2) *Served as a Club Officer or Chairman of important Club activities.*
- 3) *Demonstrated an unselfish interest in helping with Club activities.*
- 4) *Participated as a worker in meets sponsored by the Club.*
- 5) *Showed an unselfish interest in helping other Club members.*
- 6) *An active modeler.*
- 7) *Made contributions in public relations.*
- 8) *Had new ideas to meet the need for change and to make the DC/RC Club more meaningful to its members.*
- 9) *Presently a Club Member.*

The list of DCRC members who have received the Dr. Al Montkza award are:

- 1969 – Don Clark
- 1970 – John Spalding
- 1971 – Ray Smith
- 1972 – Tom Rankin
- 1973 – Warren Sanders
- 1974 – Tom Carey
- 1975 - Jim Miller
- 1976 – Bill Cavanaugh
- 1977 – Mike Winter
- 1978 – Fred Nielsen *
- 1979 – Charlie Calvert *
- 1980 – Glenn Scillian
- 1981 – Wayne Simpson
- 1982 – Bob Clint
- 1983 – Harry Lewis
- 1984 – John Robertson
- 1985 – Harry Grattan III *
- 1987 – Andy Kane *
- 1994 – Doug Harper *

- 1995 – Bill Savage *
- 1996 – Ron Bozzonetti *
- 1997 – Roy Day *
- 1999 – Allan Hoffman *
- 2000 – Bob Yount *
- 2001 – Jim McDaniel *
- 2002 – Kevin Jackson
- 2005 – Andy Finizio *
- 2006 – Walt Gallagher *

* Current Active DCRC Members

(Continued from page 3)

landing gear is hard-mounted to the fuselage, a bad landing often results in structural damage to the fuse. They recommend using nylon screws partially drilled out to purposely weaken them, so that landing gear can break away cleanly in a bad landing. It is much easier to replace the screws than to repair a fuselage.

Kit-building is one alternative to ARFS: many old kits are available at places like EBay. They mentioned buying kits for the Falcon and Skylark series by Goldberg.

Scratch-building is another alternative. There many fine plans available from Model Airplane News, the AMA, and other sources.

The ultimate alternative is to design your own. Their handout provided some guidelines. You'll learn a lot and you'll experience a whole new dimension of your hobby.

You can contact the speakers at arivederci@aol.com and gfascione@aerigroup.com

The meeting was adjourned at 9:10 pm.

WD-40

From the AMA Insider Magazine

History

The product began from a search for a rust-prevention solvent and degreaser to protect missile parts. WD-40 was created in 1953 by three technicians at the San Diego Rocket Chemical Company. Its name comes from the project that was to find a "water displacement" compound. They were successful with the 40th formulation, the WD-40.

The Convair Company bought it in bulk to protect its Atlas missile parts. The workers were so pleased with the product, they began smuggling—also known as shrinkage or stealing—it out to use at home.

It is a carefully guarded recipe known only to four people. Only one of them is the "brew master."

There are about 2.5 million gallons of the stuff manufactured each year. It gets its distinctive smell from a fragrance that is added to the brew. Ken East, one of the original founders, says there is nothing in WD-40 that would hurt you.

Uses of WD-40

- Protects silver from tarnishing.
- Cleans and lubricates guitar strings.
- Gives the floor that "just waxed" sheen without making it slippery.
- Keeps flies off cows.
- Restores and cleans chalkboards.
- Removes lipstick stains.
- Loosens stubborn zippers.
- Untangles jewelry chains.
- Removes stains from stainless steel sinks.
- Removes dirt/grime from the barbeque grill.
- Keeps ceramic/terracotta pots from oxidizing.
- Removes tomato stains from clothing.
- Keeps shower doors free of water spots.
- Camouflages scratches in ceramic and marble floors.
- Keeps scissors working smoothly.
- Lubricates noisy door hinges on vehicles and doors in homes.
- Gives a children's play gym slide a shine for a super fast slide.
- Lubricates gear shift and mower-deck lever for ease of handling on riding mowers.
- Rids kids' rocking chairs and swings of squeaky noises.
- Lubricates tracks in sticking home windows and make them easier to open.
- Spraying an umbrella stem makes it easier to open and close.
- Restores and cleans padded leather dashboards in vehicles, as well as vinyl bumpers.
- Restores and cleans roof racks on vehicles.
- Lubricates and stops squeaks in electric fans.

March Board Meeting Minutes

BY DOUG HARPER



The meeting, held at the home Dave McQueeney, was called to order by president Andy Kane at 7:35 PM. In attendance were Dave McQueeney, Tom Pfarr, Andy Kane, Doug Harper, Mike Peizer, Nir Schweizer, Jim McDaniel, Allan Hoffman, Andy Finizio, Don Gray and Scott Davies.

Andy started by welcoming Don Gray as a visitor. Don proceeded to explain his reason for attending is to get a clearer view of the treasurer's report. He and Scott discussed several detail items and at the conclusion decided that the report that Scott produces for the Board is adequate. Don would like to see a monthly accounting of the club budget for one fiscal year. The Board agreed to discuss Don's request. Andy asked Don to help establish the next budget which he agreed to do.

The Board discussed Don's request and Scott agreed to produce the monthly report that Don requested and will send it to him. The Board agreed to do this.

Andy then asked for the reading of the minutes from the January 23, 2008, Board Meeting. Minutes were approved as read.

Field Improvements: Allan has solicited bids for concrete pads for the impound area as well as from the shelter to the storage shed. This would include ground leveling. The best bid was from Concrete Master who will do a 27X22 pad at the impound and a 15X15 pad at the shed as well as ground leveling for a cost of \$3,500. Allan moved that the Board accept this offer and authorize the work to be done. The Board discussed and approved unanimously to move ahead.

The Board thanked Allan for his hard work on this item.

Allan is planning a field work day for this Saturday, March 29, to spruce up the field.

Sound and Safety: Nir suggested that we should revisit sound standards for large airplanes that were established some years ago. After some discussion, the Board suggested that we stay with the current guidelines and continue to monitor noise levels for "nuisance" levels. There are homes being build within earshot of our field so we need to stay vigilant about sound levels.

Nir will ensure that the lines will be painted on the parking area before Opening Day.

Events: April is the awards meeting. Andy Finizio and Jim McDaniel are making plans for Heritage Day. They will obtain extra porta-johns. There will be no open flying or training that day and a list of flying and static displays will be developed. A poster will be created announcing this activity. The Club will provide food and a list of cooks to help prepare it. Parking control will be provided. Andy and Jim will have everything pulled together before the event.

Flight Training: First training will be scheduled for April 26. Mike is contacting instructors to make sure they are going to help this year. The dates will be posted on the web page and in the newsletter shortly.

AMA Leader Club: Dave McQueeney has investigated what is involved in making DCRC an AMA leader club. Dave decided that we need to try to be a "Gold" leader club. Dave reviewed the many steps necessary to achieve

this goal. It appears that we meet all the criteria so Dave will proceed with our application back to AMA.

Web Site: no report.

New Business: Andy Kane has been approached by a local bicycle club asking our support for a trail around the perimeter of our flying site. Our first reaction is that their proposed trail would be under our flying area. This is not a good idea for safety reasons. We will go back to the County with our thoughts.

Newsletter: Andy reported that, due to scheduling conflicts and lack of material, there will be no March newsletter and the April issue will combine both issues.

Treasurer: Scott reported two expenses in excess of \$100. Scott submitted, as required, a personal property report to the County.

The meeting was adjourned at 9:22PM.

2008 DCRC FLIGHT TRAINING SCHEDULE

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Certification: Often, an instructor can remain after the training session is over to certify a new pilot. Other times for pilot certification can be arranged with any qualified certifier. See the list of certifiers posted at the field.

District of Columbia
Radio Control Club

First Class Mail

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

www.dc-rc.org

March/April 2008



Here's a picture of my Raptor 50. Joe Perez (new heli member) took of me flying the other day. I thought it was kinda cool. Jimmy Cokinos