



DCRC Club Meeting
Friday 10/20/09 7:30 PM
Montgomery County
Council building
100 Maryland Ave
Rockville, MD
Meeting program:
Maynard Hill Record
setting attempts
Special presentation by
Fred Marks

November 2009

NEWSLETTER

Volume 55, Issue 11



The Indoor flying season is here!

PRESIDENT: Dave McQueeney

V.P. Walt Gallagher
County Liaison: Jim McDaniel

BOARD OF DIRECTORS

Scott Davies 301-770-9150
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Walt Gallagher 301-253-4074
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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Walt Gallagher

OFFICIAL CLUB PHOTOGRAPHER:

Thomas Pfarr

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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: Allan Hoffman showing us a very important sign to be followed during the indoor flying sessions.

Photo by Andy Kane

Presidents Corner

BY ANDY KANE



This is my final report as the president of the DCRC Club. I will be stepping down as President to allow for some more new and fresh ideas to be brought to the club and its activities. As one of my final duties as president, I regretfully had to accept the resignation of Mike Dooley from the DCRC Board of directors. Mike has served our club for many years and his talents on and off the field will be missed by the club, the board and myself. I know that his current work schedule has not allowed him to participate as he would have liked, and the board understands and accepts his resignation.

I also made one last appointment before passing the gavel and that was to appoint Walt Gallagher to serve out the remaining year of Mike's term. Walt comes back to the board with a renewed interest in helping to educate the club with new and innovative ideas (batteries) brought forward throughout the RC industry. Walt will be a wonderful asset to the Board and the club.

At the October board meeting, Dave McQueeney was nominated and elected to hold the title of Club President, and the newly appointed board member Walt Gallagher was nominated and elected to serve as our new vice president/AMA Safety liaison.

I now hand over the keys to the transmitter impound to Dave. Congratulations. I will provide my full support to Dave and Walt during this time of transition, and I know full well that our club continues to be in competent and deserving hands. I feel that Dave is the perfect man to drive our club forward in the coming years.

As reported in the board meeting minutes, I will stay on as newsletter editor and as membership secretary, and yes, I will remain the President of Team food.

I would like to take this opportunity to personally thank each and every one of you for your support and dedication to me during my tenure as President of the DCRC Club.

I have looked to each of the board members more than once for guidance and advice during my term's and I am thankful you were there for me.

I have used your expertise and knowledge to help me guide the club during the past 4 years and I believe and know in my heart that we have made a difference. Together we have brought our club into the 21st century and prepared it for future.

I know that each of the board members have served our club for many years in many different capacities, and I believe that this board of directors has been the best this club has ever had. That being said, I know that we always need new and fresh ideas and that is why I have decided to step down as President of the DCRC Club.

I have great confidence in Dave McQueeney and I know that Dave will bring those new and fresh ideas to our club. I also know that he will call on each of us as I did to provide guidance and knowledge, and as a working entity we as a board must give Dave and our club, the very best we can offer.

We have raised the bar very high, but I know that the future holds promising ideas, events and progress for our club, and I plan on remaining a part of this group for many years to come.

Again my sincere thanks for the wonderful and unselfish support that you have given me and our club over the past 4 years of my Presidency.

October Club Meeting Minutes

BY DOUG HARPER



The meeting was called to order at 7:37PM by President Andy Kane. Andy asked for the introduction of guests or new members. None were present. Andy welcomed all to the October meeting.

Andy immediately called for an Election by Acclamation for the three new Board Members. The vote was unanimous. Andy Kane, Alan Hoffman, and Jim McDaniel were elected to another term as Board Members.

Committee Reports:

Public Relations and County Liaison: Jim attended a County meeting and learned that the money to rebuild the bridge on White Ground Road is not currently available. So, the bridge work has been delayed until perhaps spring and the bridge will remain open.

An organized deer hunt is scheduled on three dates this fall and winter. The dates will be posted in the newsletter and on the web page. We need to use caution when these hunts are being conducted.

The County Council meeting room was secured for another year for our meetings.

Treasurer's Report: Scott reported four checks over \$100. He has a copy of the treasurer's report for anyone who would like to see it.

Membership & Newsletter: Andy Kane reported there are 223 members at the end of the fiscal year. Andy published a

newsletter all months of this year save one.

Sound & Safety: Nir Schweizer. No report.

Awards & Field Improvement: Mike Dooley. No report.

Events & Awards: Andy Finizio reported that Octoberfest was a great success and all had a great time. Andy feels that the attendance this year was outstanding. Andy Kane was glad that he didn't have to cook this year. The moon-bounce was a great success until the big kids tried to flip it over. The cotton candy was a hit as exhibited by the amount that ended up all over the place. The raffle was won by Mike Young who donated money back to the club.

Walt Gallagher will be handling the Holiday Party again this year. Everyone should plan on attending.

Field Maintenance: Allan Hoffman reported that he met with another contractor today who can do the work we want within the amount allocated by the Board (or perhaps a little less). It should be done within the next three to four weeks before cold weather sets in.

Old Business: None

New Business: Don Gray has been helping the daughter of a deceased member to dispose of some model equipment. See Don to look at some pictures of this equipment.

Raffle: The raffle prize tonight,

a P51 Mustang foamy, was presented by Nir. The winning ticket was held by Roy Day who received a round of applause.

Model Shop: Walt Gallagher showed a new LiPo battery he just received that can be charged at 5C. It supposedly uses a new construction technique that allows this and is made by Hyperion. Andy Kane commented that a well-known west coast flyer had a serious fire at his home from a battery.

Dave Littleton showed a Yak54 that uses a Cermark 26cc gas engine.

Andy Kane showed a Park Zone ME109 foamy that he just received. It weighs less than 2 pounds and flies great. It uses the same motor and control as the famous T28.

Andy also showed his Radian glider that he uses to haul the Go Hero camera for airborne picture or video taking. It will take thousands of pics or hours of video using an 8GB card. He credited Walt Gallagher for showing him the glider and Dave McQueeny the camera.

Bruce Carlson was given a Spitfire model by his father that had been built for static display many years ago. He modified it and installed a .46 glow engine and servos. He plans to fly it soon

Program: Tonight's program was introduced by Ron Bozzonetti. Henry Bergen has been an active modeler most of his life including a jet called the Boomerang. He also has his full-scale pilot's license. Henry's

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Biography of William O. Hershberger

Modeler for more than Eighty years
AMA Number 2982

WRITTEN BY H. WARREN PLOHR,
MARCH 2009, EDITED FOR DCRC
10/24/09

BY FRED MARKS

- Radio controlled a free flight model with an original RC system design 1944
- Active and Honorary member of the DC/RC Club since 1955
- Innovative Multi-Channel RC designer, 1950's
- Active Member AMA Frequency Committee since 1984
- Explored the use of 900 MHz for Radio Control, 1990 in behalf of the AMA Freq Committee

Honors:

- Letter of Commendation from General Groves for WWII service
- War Department Citation for Excellence in Technical Activities
- Meritorious Honor Award for Voice of America service
- Howard McEntee Memorial Award for excellence in RC design, 1989
- AMA Fellowship Award 2002

Born on May 29, 1916 in Ohio, Bill is now 92 years old. Inspired by the 1927 solo flight of Charles Lindbergh across the Atlantic, Bill developed a strong interest in aviation. He self taught himself to build and fly models

Bill graduated from Valparaiso Technical Institute in Indiana with a degree in Radio Broadcast & Electronic Engineering. That led to his lifelong career in the then-new

field of radio engineering. He first worked for the Sears Roebuck Company, where he serviced their accumulation of defective radio broadcast receivers. His radio servicing success led him to transfer to the Atlanta, Georgia branch of Sears to help with their radio receiver product problems. The move to Atlanta provided other employment opportunities as Atlanta was the home base for Delta Airlines, and air transportation relied heavily on reliable communication equipment. With



Delta, Bill was able to expand his technical experience beyond a simple entertainment receiver, to full-fledged communication systems.

At the onset of WWII, Bill entered the Army, where his expertise led to duty in England, to work on classified Radar Systems and detection of enemy coded communications. After reassignment to Fort Hunt, Virginia, Bill was responsible for engineering activities in the Manhattan Project, Radar research, and electronic navigational devices.

This work was so highly classified that it was declassified just two years ago. Bill is proud to be able to tell about it now.

Bill's interest in Radio Control was re-energized by reading the news of successful flights in model magazines purchased at the famed Corr's Hobby in DC. He went back to base with a free-flight kit for a five-foot span Standard Buccaneer. He designed and constructed a lightweight single tube Receiver and

a Transmitter that successfully controlled the Buccaneer. The year was 1944. That Buccaneer is still in his stable of models, and over the years has served as a test bed for many of Bill's original design Radio Control systems. Bill appears to be the oldest living person to fly an RC model that long ago.

After the War, Bill joined the Voice of America to become a Technical Officer for VOA's African, Middle East, and European super

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October Board Meeting Minutes

BY DOUG HARPER



The meeting, held at the Café Mileto, was called to order by President Andy Kane at 7:00 PM. In attendance were Mike Peizer, Walt Gallagher, Nir Schweizer, Scott Davies, Dave McQueeney, Jim McDaniel, Tom Pfarr, Andy Kane, Allan Hoffman, Andy Finizio and Doug Harper

Andy started the meeting by introducing a resignation letter from Mike Dooley. He appointed Walt Gallagher to fill Mike's remaining one-year term on the Board.

Andy opened the floor for nominations for President for next year. Dave McQueeney was nominated and unanimously elected by the Board. Andy Kane then handed Dave all the accoutrements of the office of President (a gavel) and Dave graciously accepted.

Dave immediately asked all Board Members to continue in their current jobs which they agreed to do with the exception of Nir taking over the Field Operations role (a new role) and Alan the combined roles of Field Improvement and Field Maintenance. Eric Monnig will assist Nir in the Field Operations role. Dave asked Walt Gallagher to accept the job of Vice President which he graciously agreed to do including the job of Sound and Safety along with AMA liaison. Tom Pfarr will continue as webmaster and Doug Harper will continue as recording secretary. Dave asked Nir to continue help-

ing Mike Peizer as a deputy on the flight training program.

Dave gave a resounding thank you to Andy Kane for his fine leadership over the past year, as well as previous years. The Board responded wholeheartedly to this accolade.

Budget: Dave asked the Board to finalize any discussion of next year's budget as proposed at last month's meeting. There were no further changes proposed so the budget was put to a vote and approved unanimously. Scott will prepare a summary of the budget for publication in the next newsletter.

Sound & Safety: Walt Gallagher will review the latest AMA rules and report on significant changes or updates to the Club.

Field Maintenance: Allan Hoffman presented a proposal for resurfacing the runway before cold weather sets in. The board authorized Alan to go ahead with this activity.

The meeting was adjourned at 8:50PM.

Field Update: late breaking news.

The Runway and connectors at the Walt Good RC Field will be resealed sometime before November 15. The field will be closed to all runway flight ops during the time of sealing and most likely the next day for line repainting. Helicopter and electric on the Helicopter side of the field will be allowed.

Indoor flying at SoccerPlex Maryland Soccer Foundation (MSF)

BY JIM MCDANIEL



Negotiations have been finalized between DCRC and MSF for the use of the indoor facility for electric flying this winter season.

MSF has agreed to rent the indoor field portion exclusively to the DCRC club, each and every Wednesday from 12 to 4 pm starting on Nov 11, and continuing thru March 31, 2010.

Since this is now a rental agreement the activity will be limited to DCRC members and their guests during that time period. Spectators are always welcome.

The DCRC Club will not only have the field reserved every Wednesday but later in the year we plan on having some organized indoor competitions and events.

So please come and enjoy yet another one of the benefits of membership the DCRC Club. We have not yet worked out the entry details but DCRC Membership cards will most likely need to be shown at the entry desk.

Please keep in mind that only appropriate indoor models will be allowed, and each user of the facility assumes responsibility for his aircraft and any damage that may occur.



(Continued from page 4)

high powered long, medium, & short wave, broadcast stations. The VOA employed him both here and abroad. After returning from Europe in 1955, he was stationed near Washington, D.C. where he joined the recently formed DC/RC club

The DC/RC shared their original RC concepts via a yearly RC Symposium. I first heard of Bill Hershberger reading the Symposium publications. He was the writer and presenter of several papers over the years, each carefully documented for all to share.

At the request of HOF member and AMA Frequency Committee Chairman, Fred Marks, Bill joined the Committee in 1984. The main task of the Committee at that time was the transition of the old wide-band color-identified RC frequencies, to the 80 newly acquired narrow-band frequencies. Bill went right to work at AMA Headquarters, Reston VA, near his home. He spent many hours defining a relatively easy procedure to evaluate the performance of RC transmitters according to the AMA Guidelines. Independent conversion verification became necessary when the FCC agreed to permit conversion of old transmitters to the new frequencies. Bill's procedure was the foundation of the AMA "Gold Sticker Program" that was implemented nationwide. Bill and other Frequency Committee members traveled to many gatherings of RC flyers evaluating transmitters, isolating unacceptable transmitters from those that met the Guidelines.

Bill also flight-tested many new narrow-band receivers as they came to market. He used a

unique flight test procedure that he had developed over the years.

The FCC staff was acquainted with Bill from the days when he represented the Voice of America at the FCC. The AMA was fortunate that Bill kept in contact with the FCC staff after retirement. A visit with old friends in 1992 alerted Bill to the FCC Notice of Proposed Rule Making 92-235. The FCC proposed to split the 72-76 channels to establish 200 new 72-76 MHz frequencies for low power mobile use in the General Category Pool. Many of these new land mobile frequencies would be only 2.5 KHz removed from the RC frequencies. Bill's analysis of the potential interference to RC led the AMA to take immediate action to oppose that NPRM successfully.

During the summer of 2001, the AMA Safety Code requirement for a three (3) mile separation between RC flying fields became an issue. The RC industry and affected Clubs urged the AMA to review the field separation requirement. Analysis indicated that the separation distance could be reduced with the use of newer receivers meeting the AMA Guidelines

Today, Bill is still actively pursuing the Model Aviation Hobby. Figure 1 is a recent photograph of Bill and his electric powered model. His curiosity has led him to flight-testing the limitations of 2.4 GHz RC equipment. His latest interest is in the technology of small-Unmanned-Aircraft Systems (sUAS)

Managed Deer Hunt Notice:

The County will conduct a managed deer hunt at and around our Air Field again this year. (Little Seneca Stream Valley Park)

*Club members **are** allowed to fly during the posted dates and times of the hunt but, **Must keep the gate shut behind them!** (does not have to be Locked just shut)

*The General Public is **not** allowed at the field during the hunt.

Please stay out of the woods!

If a plane goes down anywhere but on the Runway(s) during the posted date and times,

DO NOT try to retrieve it.

CALL (240) 876-2931 or (301)-252-9414 to inform the lead hunter about the situation and follow his instructions to retrieve the plane.

The deer hunts will be conducted on the following dates:

December- 5 (Saturday),

December- 11 (Friday)

January- 9 (Saturday)

For Sale

- GREAT PLANES GIANT BIG STIK - READY TO FLY, OS FS-120 4-STROKE, SPEKTRUM DX-7, WING BAGS
- HANGAR 9 25% J-3 CUB - READY TO FLY SAITO FA-125 4-STROKE, SPEKTRUM DX-7, WING BAGS
- HANGAR 9 27% CAP 232-G ARF (PARTICALLY ASSY.) ALMOST NEW IN BOX, NO ENGINE OR RADIO
- WORLD MODELS AT-6 -READY TO FLY PS FS-91II 4-STROKE, SPECTRUM, DX-7 RADIO
- EXPERIMENTAL AIRCRAFT MODELS 20% SCALE GLASTAR ARF, MODEL IS ABOUT 85% ASSEMBLED

FOR DETAILS & PHOTOS, CONTACT DON GRAY dgray@verizon.net

(Continued from page 3)

program is titled "Building an Experimental Aircraft".

After Henry received his license, he began looking for a suitable aircraft to purchase. He found either aircraft he couldn't afford or which needed a lot of work. He came upon a kit plane called the Moni which presented a basic design requiring no welding to construct. It also featured a low cost of operation.

Henry immediately joined the local EAA chapter to gain access to people who had many of the skills he would need. He also went to Oshkosh to see an example of the Moni. He wanted to be sure he liked that plane and fit into it. He liked it so much he bought one on the spot.

He received many boxes filled with lots of parts including ribs, spars, canopy, a 22HP opposed engine with electric starter (34 lbs). The entire package sold in the range of \$5,500 in the early eighties. The extruded I-beam wing spar turned out to be the most complex part of the assembly. Henry had to build a special table that he used to construct the plane.

Henry had to drill thousands of holes, countersink them, and then install pop rivets. He then installed the 4-gallon fuel tank which was installed in the cockpit between the pilot's legs. This was followed by installation of the motor. The Moni featured a v-tail design.

The controls including the stick and all pushrods and cables as well as bellcranks were installed

next. The wing was primarily bonded together with industrial grade epoxy. Drying time was one week per wing panel. Henry painted the plane to prevent handprints on the raw aluminum.

It has a takeoff speed of roughly 40MPH and cruised around 120. The Moni has a fabulous glide ratio of at least 20 to one which came in handy in case of engine out. This turned out to be a good thing since Henry had an engine failure over Fredrick which resulted in a prop loss and emergency landing on a farm field with no harm to either him or the plane. He then installed a Rotax engine that proved to be more reliable.

Total construction time was 2 and one half years. Airplane empty weighed 300 pounds. Henry built his own trailer to haul the airplane behind his car. He could assemble the plane in 45 minutes by himself or faster with help. Henry ended up flying his plane 500 hours over 15 years. He eventually donated it to a college in West Virginia who teaches pilots and mechanics.

Henry then showed a DVD video of his aircraft flying.

The meeting was adjourned at 9:40PM.

Calendar of Events 2009

November

- 7 DCRC Training Session, Walt Good RC Field, Boyd's, MD
- 20 DCRC Club Meeting Rockville, MD Program Maynard Hill and special presentation by Fred Marks

December

- 5 County Managed deer hunt
- 11 (Friday) Managed deer hunt
- 18 DCRC Club Meeting Rockville, MD

January

- 9 (Saturday) Managed Deer Hunt

February

Please submit your event details to:
drcrcditor@aol.com

Warning:

If you see this guy at our field please report it immediately to Allan Hoffman or Mike Dooley



District of Columbia
Radio Control Club

First Class Mail

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One of the oldest and largest RC
clubs in the US.
And now an AMA Gold Leader Club

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