



January

Minneapolis, Minnesota U.S.A.

2009

TCRC 33rd Annual Auction February 7th

by Jim Cook and Pat Dziuk

The biggest winter R/C event in the upper Midwest is the TCRC Annual Auction and the 33rd time it has been held will be February 7th, 2009. This year, the club is moving to a new site which is CrossPoint Church at 9801 France Avenue South in Bloomington, Minnesota. Please mark your calendars and make a note of the new location.

Because of the new location, the club has appointed an auction committee, which consists of Pat Dziuk, Mike Timmerman, Scott Johnson and Scott Anderson to study the layout of CrossPoint Church and to come up with a plan to utilize all of the church's space to make the activity flow smoothly on February 7th.

The auction is the biggest fund raiser that TCRC holds, and it also has the biggest need for manpower to make it work well. Every member and many of the spouses are needed to work a shift. Leaders have been identified for the major auction areas and now we need your help in filling the worker slots. Please send an email to pdziuk@gmail.com indicating which area or areas you would like to volunteer for. If you don't have a preference but are willing to help please indicate that and the auction committee will assign you to an area. A signup sheet will also be at the January Membership meeting.

The areas are: Setup Crew (scheduled for the Friday evening before the auction) - led by Mike Timmerman; Cleanup Crew - led by Scott Johnson; Impound Check-in and Checkout - led by Chris O'Connor; Runners and Spotters - led by Rick Smith; Buyer's Registration - led by Scott Johnson; Auction Sales Recorders - led by John Dietz; Auctioneers - led by Scott Anderson; Bidder Record Recorders - led by Scott Johnson; Seller's Record Recorders led by Pat Dziuk; and Security - led by Jim Cook.



Pat Dziuk takes measurements at CrossPoint Church to determine what activity would work best in the area. (Photo by Jim Cook)

Other areas are already in full swing with no additional volunteers

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Ramblin's From The Left Seat

by President Steve Meyer



Happy New Year!

We are starting our 52nd year as an RC modeling club, which is something our members should all be proud of. There are not many clubs that have the history we enjoy. This year I hope more of our members try to enjoy our great field. I have always thought of our club as one of the most helpful and friendly in the area. Remember to welcome the new faces you see at the field and I hope some of these new members will see our 75th anniversary.

January in Minnesota gets an RC flyer thinking of three things...The TCRC Auction (February 7, 2009), building next year's new model, and winter flying.

THE TCRC AUCTION IS ONLY A MONTH AWAY ON FEBRUARY 7TH 2009!!

The TCRC auction is being held at Cross Point Church (98th and France Ave. S., Bloomington). The auction committee will need all of our help if this event is to be a success. Mark this date on your calendars and hopefully I will see you all there. Remember many hands make the work much easier.

The 2009 All Season Flyer Kick-Off event is on January 3rd so it may be time to strap the skies on and come out to the field for some great winter flying. Gerry Dunne has had the parking lot plowed and the snow should provide an excellent surface to practice touch-and-goes. The event is ON if we have 10-10-10 (10 am -- plus 10 degrees or more -- 10 mph wind or less) on that day.

I want to thank Craig Greenwald for stepping up and being elected to the Secretary position of TCRC. Thanks Craig.

I also want to thank Corey Kaderlik for accepting the job of Field Coordinator. The Board felt we needed a person to be in charge of our field. TCRC members need to help Corey keep our field one of the best in the area. Thanks Corey.

With the holidays winding down I can get the wrapping paper off my building table and start installing retracts into my Sea Fury's wing. I should have had it built last year but an engine problem kept this from happening. This plane will be completed this spring because I know there's a Typhoon a comin'.

See you at the next meeting. ☺

Tables Needed For Auction

by Pat Dziuk

I have been creating a preliminary facilities plan for our Annual Auction which will be held at a new location this year (Cross Point Church in Bloomington). The church has 28 - 8 foot tables. Based on photos from past auctions at St. Peter's I estimate that we need 43 - 8 foot tables.

So I would like to ask the membership to let me know if you have any 8 foot or 6 foot banquet tables that you would be willing to bring to the auction. If you do please send me an email with the number you are willing to bring. Please do this by January 4th.

I will tally the total from the membership and then decide what additional number the club will need to rent - renting will cost about \$10 per table so we can save some money if we pitch in our resources.

Thank you on behalf of the Auction Planning Committee -- Pat Dziuk, Scott Anderson, Scott Johnson and Mike Timmerman. ☺

TCRC Auction

Continued From Page 1

needed - Raffle, Advertising, Seller's Registration and printing of forms.

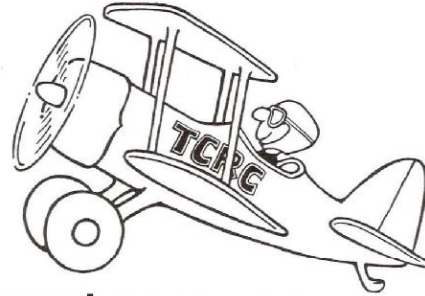
There are several other articles about the TCRC Auction in this months newsletter – Pre-Registration on page 9; Tables needed on page 2; Calling All Wives on page 10; Raffle on page 11; and on page 10, a picture and article on a neat plane built by the late Ed Meckola that will be on the auction block.

Registration for the auction begins at 8:00 AM on February 7th, and the first item will go up for bid at 9:30 AM.

Take the time to look over all of your R/C equipment and determine what items you will want to sell at the auction. You also might want to make a list of those items that you are in need of and be ready to bid on them if you see them at the auction.

The 2009 TCRC Annual Auction promises to be bigger and better this year. Let's see all of TCRC at CrossPoint Church at 9801 France Avenue S. in Bloomington on Saturday, February 7th. ☺

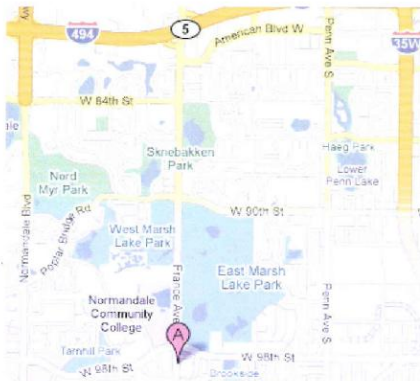
TCRC meets every month on the 2nd Tuesday at 7:00 PM in Fellowship Hall of CrossPoint Church located on the southeastern corner of the intersection of 98th Street and France Avenue in Bloomington. Guests are welcome to attend these meetings.



TCRC 33rd ANNUAL AUCTION

TWIN CITY RADIO CONTROLLERS – MINNEAPOLIS AMA CLUB #383

SATURDAY - February 7, 2009



What's for Sale?

- R/C Airplanes
- R/C Airplane Kits
- R/C Airplane Engines
- R/C Airplane Radio Systems
- R/C Aircraft Related Accessories and R/C Aircraft Support Equipment
- No Cars, No Boats, No unrelated Stuff

Where:

Cross Point Church
9801 France Avenue
Bloomington, Minnesota

When:

REGISTRATION Begins at 8:00 AM
AUCTION Begins at 9:30 AM

Details:

- \$3.00 Admission: *Includes Bidders Card*
- \$ 20.00 MINIMUM OPENING BID (to speed the auction! Nothing will be sold for less than \$20)
- commission of \$5 or 10% whichever is greater
- Seller MUST attach a brief description to Each Item being sold
- Pre-Registration Available for Sellers
- BUYBACKS AT 10% UP TO A MAXIMUM FEE OF \$20

Raffle & Concessions!

- Hot Coffee & Donuts
- Soda/Pop
- Hot Dogs & Chips

Questions?

Call Jim 952-445-5257 or Scott 952-934-1471

Email auction@tcrconline.com

More info at www.tcrconline.com

Be An All Season Flyer In 2009

2009 should be the year you get your AMA All Season Flyer patch. To earn this distinction, a pilot must put at least one flight per month in a calendar year. That means you must start in January if you are going to achieve this in 2009.

To be an all season flyer in Minnesota is quite an accomplishment. Minnesota in January and February can be a pretty formidable barrier to taking a transmitter into your hands and completing a flight when the temperature and wind chill dive.

TCRC has many ASF flyers who have qualified for up to 15 years in a row. They scheduled the 2009 ASF Kickoff for January 3rd, but don't worry if you missed it. Just get that first flight in sometime in January and you are well on your way to earning that coveted AMA All Season Flyer patch. ☺

The Co-Pilot's Report

by VP Wayne Rademacher



Happy New Year!! I hope that many of you took time this holiday season to spend time with your families and friends while also “recharging your batteries” for next year. (Sorry just had to throw in an electric reference :)

I am pleased to announce we have an exciting line-up of presentations for this coming year. We have something for everyone. First up we have Chris O'Connor who will share the covering techniques used to create some of the most beautiful aircraft you'll ever see. Next up, is yours truly. I will be presenting the basics of electric flight. I will do my best to explain how one determines which motor-battery combination best fits your aircraft and flying style, also which airplane best fits the hardware you just pulled from that crashed airplane. I will also explain the meaning behind some of the common terms used by us “amp heads”. (i.e. Watts, Amps and KV rating) As you can see, we have many interesting programs planned. If you would like to present on a topic listed, or have an idea for a program....please let me know.

January - *Model covering techniques* presented by Chris O'Connor
Chris will demonstrate some of the techniques he uses to apply Stit's, Monokote, and other popular covering materials. I am personally interested in this topic, as I have a 1/4 Super Cub just about ready for skin.

February – *Electrics for dummies* presented by Wayne Rademacher
Ever go to the hobby store and wonder which motor in the display cabinet is correct for your airplane, or wonder how long those super cheap batteries advertised in the magazine will fly your airplane. If so, this program is for you. We will cover the basics of electric aircraft....helping you understand how to select the correct hardware (motors, batteries, controllers, etc...) for your airplane.

March – *Hot wire foam cutting* presented by Scott Anderson
Scott is going to show us how to cut wing cores, fuselages and other shapes using the foam cutting tools. This will surely be interesting and a program you will not want to miss.

We have other seminars/presentations planned, they include:

- Maintenance and Renovation of nitro engines
- Converting nitro aircraft to electric

- Repair that broken airplane
- Kit Bashing
- We intend to invite the Marcee group to one of our meetings, asking them to present the state of electric flight today.
- Giant scale presentation – covering both scale and sport scale
- Turbine technology
- Helicopters (what I always wanted to know, but was afraid to ask)

Also starting in January we will continue our winter workshop tours. This is a great way to break-up the winter doldrums and perhaps become inspired to complete that airplane project that's been on the workbench since fall.

Planned tours – (Watch the website for details)

- January – Gerry Dunne
- February - Scott Anderson
- March – Wayne Rademacher
- April – Chris O'Connor

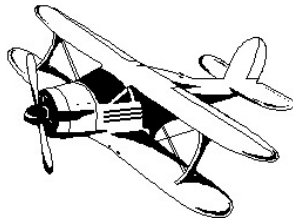
That's it for this month, see you at the meeting. ☺

Protecting Blind Nuts

Use a paper punch to cut out little circles of gummed paper. Stick these pieces to the backside of firewall blind nuts. Once you do this, you can fuel proof the tank compartment with resin without fouling the threads of the blind nuts.

(Reprinted from *The Wright Flyer*, newsletter of the Wright Flyers R/C Club, Monticello, MN, Jean Davids, Editor.) ☺

Show & Tell



HobbyZone for \$139. He said it was a great flyer and was really soft on its landings.



Stan Erickson had a plane of his from the 1960's. It was a Dirty Birdy and had obviously seen a lot of duty. Stan also had several of the transmitters and servos that had been used for the plane over the years. The plane was done in aqua and had skis on it. He said it has not flown at the current field but he will put it up again soon. Currently it had an OS 55 in it but he thought originally it sported an Enya.



Paul also had a very nice looking GWS ME109 electric. The foam ARF originally comes in white but he had painstakingly painted it in green camouflage and had done the under wing in gray with yellow trim. The final appearance was really nice looking. Paul did not say at the meeting whether the plane had had its maiden flight or not.



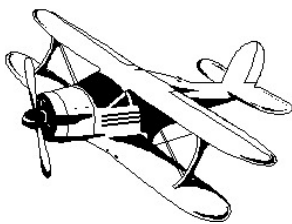
Prolific Paul Doyle had another electric at the meeting – a very nice looking Parkzone Corsair done in traditional Navy deep blue. As Paul is prone to do he had beefed up the motor going with one that had 4 times the power. The ARF was made of Z-foam and it was noted the airplane could be bought from



Mr. Electric, Gerry Dunne had a very nice looking E-Flite P-47 ARF. This foam warbird was done in Army green with neat looking yellow and black checkered tailfeathers. He even had magnetic bombs on the wings. The plane has flown 2 flights and he said it really doesn't have a very responsive rudder, and with a fixed tail wheel, it didn't maneuver on the ground very well. He said it takes off in about 5 feet however.

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Show & Tell



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Gerry Dunne also had winter-flying accessory – a pair of gloves from Menards that had removable finger and thumb coverings.



Kris Hanson had his latest ‘labor or love’ at the meeting -- a custom-designed float plane. Kris had a picture from ‘Tailspin’ that showed a float plane and he attempted to design his plane around the drawing. It had twin booms with a connecting elevator (in the style of a P-38). The front of the fuse was designed from a PBY Catalina. The picture from Tailspin was called a Seaduck, and was also called a Conwing L-

16. Kris had powered this twin-engine plane with two electric motors that he chose because “they fit on the front of the booms.” He put maximum throws on all of the surfaces and was hoping to have the plane ready to fly by the All Season Flyer Kick-off scheduled for January 3rd. ☺



HOBBY WAREHOUSE IS RE-OPENED!!!

7144 Chicago Ave S
Richfield, MN 55423
612-861-5587

Business Hours: M-F 10:00-7:00
Sat. 10:00-6:00

Closing at 4:00 Dec. 24, 2008
Closed Dec 25, 2008

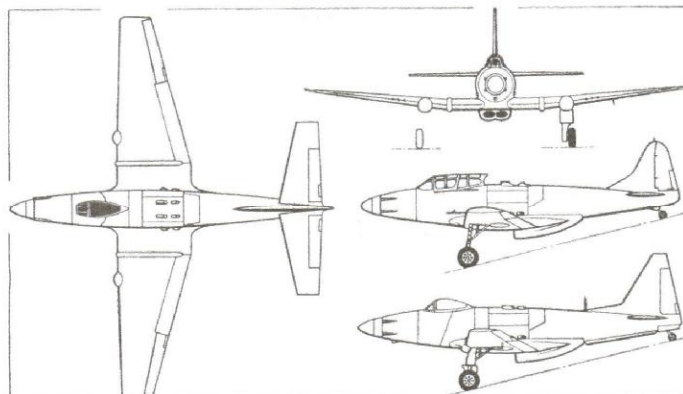
Closing at 4:00 Dec. 31, 2008

Closed Jan 1, 2009 - See you at the field!!

**10% OFF ANY
GIFT CERTIFICATE
PURCHASED.
OFFER ENDS DEC.
24, 2008**



January Mystery Plane



R/C Flying In The Metrodome

by Jim Cook

Marcee was again able to obtain dates for Marcee members and guests to fly in the Metrodome in Minneapolis for 2008.



Mike Burk puts one of his planes through its paces under the Dome on Thursday, December 18th. (Photo by Jim Cook)



Bob Savre of Marcee poses with the 8 planes he brought for flying at the Dome. (Photo by Jim Cook)

Several TCRC members made plans to fly at the Dome on Thursday, December 18, but the busy holiday season reduced the club flyers to Jim Cook and Mike Burk. However, there were several other Marcee members present, so the air was filled with planes almost constantly.

December 18th was an abbreviated day for flying, as we only had the field from 5:00 AM until noon. During the time the pilots were in the air, the grounds crew was busy putting the yardage lines and markers on the field for the upcoming Viking-Falcon game.

Jim Cook arrived at the field around 8:30 AM and Mike around 9:00 AM. There were plenty of pilots already present and many flights had already been made.

Bob Savre, who usually is a CD for Dome flying, showed up at 10:00 AM with a cart that contained 8 airplanes. When asked how he intended to get at least one flight on each of the planes before noon, he only smiled and said he would work on it.

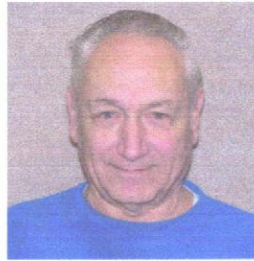
To fly at the Dome, a pilot must have an electric plane that weighs 20 ounces or less and flies at 20 mph or less. There were all kinds of neat looking electrics ranging from the trusty Slow Poke to a Fokker DR VII to 3D Profiles to miniature Big Sticks.

As of this writing, no dates have been obtained for January Dome flying. Hopefully there will be some.

Thanks for Marcee for providing this opportunity for members to experience the joy of Metrodome flying. ☺

Safety At The Field

By Larry Couture



Well, here it is the end of December, 2008 and time sure flies. (not so much when you're healing). The new knee is getting better but it takes a lot of time and I'm getting tired of exercising. I did put together three ARF's, two of them are electric.

This kind of explains my not being out to the field of late. The few times I thought of going the wind or temp was out of the question. Since I haven't had any reports good or bad from the field I assume everything has gone smoothly and everyone has used the rules (if not, shame on them).

There is always one thing I like to harp about and that is let your fellow flyers know what you are doing or going to do by LOUDLY ANNOUNCING take offs, landings, dead stick and on the field travel, and make sure the others hear you and acknowledge you. This is in my opinion the most important rule to follow always as it makes accidents less likely to happen. AND IT SEEMS TO BE WORKING SO KEEP IT UP!!!

Thought for the day: Fly often, have fun and crash less, and as usual all landings from which you can fly again are great but not always graceful so keep the rubber side down. ☺



Jim Cook and his Gypsy at the Metrodome on December 18th.

AMA Dues Renewal

Every AMA member should have received his/her AMA dues renewal form in the mail in the month of September. The 2009 dues are the same amount as the previous year:

- Regular \$58
- Senior \$48
- Junior \$1

To qualify as a senior, you must be over the age of 65 on or before July 1, 2009.

AMA provides you with three ways to renew your membership:

By sending your payment in with the renewal card in the supplied envelope.

By renewing on the web at www.modelaircraft.org.

By phone by calling 800-435-9262.

Dues payments are due by December 15, 2008 to avoid any lapse of AMA services.

Remember, to be a member of TCRC you must be a member of AMA and supply proof of that membership at the time of your TCRC renewal.

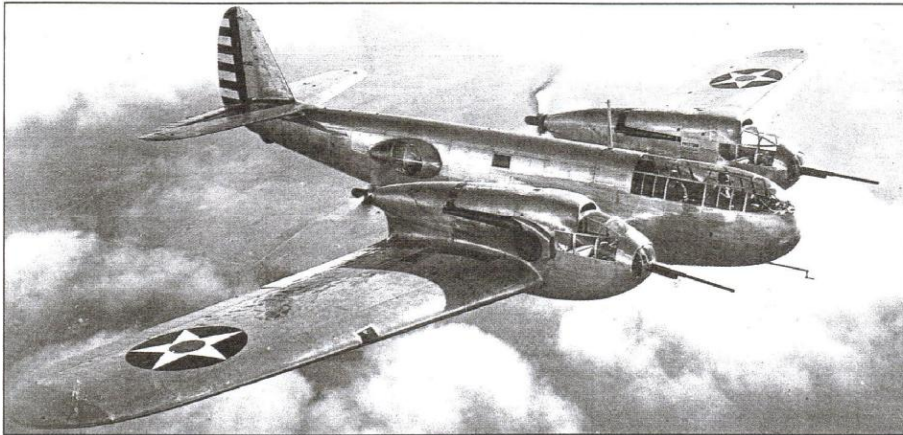
Take the time to pay your 2009 AMA dues today. ☺



Bell FM-1 “Airacuda”

by Conrad Naegele

The December Mystery Plane was the Bell FM-1 “Airacuda”.



This fighter, designed by well-known aeronautical engineer Robert Woods, embodied many innovative features for their day. A 5-seat, all-metal, long-range fighter-bomber destroyer, the plane was tricycle-gear, powered by two pusher engines – Allison V-1710’s, using a 64-inch drive shaft. The Airacuda held 2 crew members in the front of the engine nacelles, and were provided with crawl space into the fuselage in the event of trouble (imagine trying to bail out in front of those real propellers!)

The Army Air Corps ordered 9 YMF-1, and 3 YMF-2 and 3’s, with the first flight on September 1, 1937. However delivery did not take place until February, 1940. This airplane was well-armed, with 2 cannon, and up to 4 machine guns, plus bombs. While this plane was well-engineered, and more or less trouble-free, the powers-that-be then decided that it was not what they wanted, and further development was discontinued, with only 12 completed. At this, imagine being a gunner completing a 750 to 1,000 mile mission sitting directly in front of those thundering V-1710 12-cylinder engines!

The Airacuda had a 70-foot wingspan, a gross weight of 19,000 pounds, a speed of 268 mph, and a range of 1,670 miles. ☺

TCRC Auction Advanced Registration

by Pat Dziuk

The Twin City Radio Controllers 33rd annual auction is just around the corner. This year it will be held at a new location - Cross Point Church, 9801 France Avenue South in Bloomington, on Saturday February 7th.

You can register for a seller’s number online again this year allowing you to fill out your seller’s inventory card and label your items in the comfort of your warm home instead of freezing in the parking lot the morning of the auction.

To register please send an email to auction@tcrconline.com with your name, address and phone number requesting a seller’s number. You can find full details including the seller's inventory card at:

http://www.tcrconline.com/pages/auction_seller_registration.htm

We hope to see you at the auction at CrossPoint Church in Bloomington, Minnesota on Saturday, February 7th, and please fell free to forward this on to your fellow modelers. ☺

TCRCOnline.com
Why Aren't You Using It?

Just One Of Many, Many Planes At The TCRC Auction

Pictured below is the beautiful Slow Poke that was built by the late Ed Meckola. Last year Ed's wife Dorothy donated all of Ed's R/C planes and equipment to TCRC except the Slow Poke. Now she has decided that she would like to see the Slow Poke go to another club member or hobbyist.



The plane comes complete with a new OS 46 2-stroke engine and has 5 servos mounted. All you have to do is add your radio and you are ready to go! All proceeds from the sale will go to the club.

TCRC again thanks Dorothy Meckola for making this very nice donation. ☺

Calling All Wives or Significant Others

by Pat Dziuk

Bobbi Jo Dziuk has agreed to lead the concessions at the auction again this year. She would like your help in asking your wife or significant other to help out in the concession area serving food to the hungry mob. Please have them send Bobbi Jo and email at bdziuk@gmail.com or call her at 952-445-3089 to sign up for a time slot.

Bobbi Jo would also like to ask for volunteers to bake up some cookies and bars to sell at the auction. The cookies and bars should be delivered to the auction in the morning by around 9:00 AM. ☺

Calendar

- | | |
|----------------|---|
| Jan. 3 | All Season Flyer
2009 Kick Off
11:00 AM
Jordan Field
10-10-10 Rule |
| Jan. 13 | TCRC Membership
Meeting, 7:00 PM
Fellowship Hall
CrossPoint Church
Bloomington |
| Jan. 17 | Shop Tour
Gerry Dunne
1:00 PM |
| Jan. 24 | Marcee Swap Meet
Electric & Sailplanes
Immanuel Luthern
Church, 10:00-2:00
104 S. Snelling Ave.
St. Paul
Steve, 651-646-2195 |
| Jan. 27 | 1st Qtr. Board Meeting
Steve Meyer's House
7:00 PM |
| Feb. 7 | TCRC Auction
7:00 AM
CrossPoint Church
98th & France Avenue
Bloomington |
| Feb. 19 | Action Review
Board Meeting
Steve Meyer's House
7:00 PM |
| Feb. 21 | All Season Flyer
Jordan Field
Gerry Dunne |
| Feb. 28 | Shop Tour
Scott Anderson
1:00 PM |

**Shop Tours Start
January 17th**

TCRC Dues Renewal

The new TCRC Board of Directors voted to keep the 2009 club dues at the same level as the 2008 dues. They are:

- Regular \$75.00
- Junior \$37.50

Dues payments are due on January 1, 2009. Any member paying his/her dues prior to January 15th will be given a discount of \$15 (to \$60.00) on an adult membership. After January 15th the full \$75.00 will be required.

Remember, to be a member of TCRC you must be a member of AMA and supply proof of that membership at the time of your TCRC renewal.

Your TCRC dues can be paid to treasurer Tom Thunstedt at a meeting or by mailing them to Tom at 13313 Oliver Avenue S., Burnsville, MN 55337.

Take the time to pay your 2009 TCRC dues today and secure your discount. ☺



Craig Greenwald Elected Secretary

At the December 9th TCRC membership meeting Craig Greenwald was elected secretary of the club for 2009.

At the November 11th meeting, the club did not have a candidate for the secretary position and it went unfilled for that month. At the December meeting Craig stepped forward and accepted the nomination for secretary.

A big thank you to Craig for deciding to be a candidate for office this year. ☺



SWAP MEET R/C ELECTRIC & SAILPLANE

Saturday, January 24th, 2009
10 AM - 2 PM

DIRECTIONS

Immanuel Lutheran Church
104 South Snelling Avenue, St. Paul
Take 94 to Snelling Ave. and go south. The church is just past Grand Ave. on the east side, across from Macalaster College

- No Admission Fee
- No Table Fee (bring stuff to sell!)
- Low Cost Lunch Available
- Featuring a Silent Auction of an Expert Modeller's Estate

For more information please contact Steve Mundt at 651-646-2195

The area's first and only silent flight swap meet

Pellon

Fabric stores sell a product known as 'pellon'. This can be used for general reinforcement and is especially good for wing center sections. Be careful when you do apply it as it does have a grain and should be applied in the direction that affords maximum strength.

TCRC Raffle February 7th

The TCRC Raffle will again be held in conjunction with the Annual Auction.

Gerry Dunne will be chairing the event as he has done over the last several years. He has obtained some great prizes:

- Phase 3 EVE 16 Combo
- Spectrum DX61 Radio
- Os 46 AX engine
- Gift Certificates

The Phase 3 comes with a ducted fan motor and speed controller.

The Spectrum radio comes with an AR6200 receiver.

Every member of TCRC will be receiving 15 raffle tickets to sell or to buy in the month of January. These tickets are very important because their sale is what pays for all of the expenses of the raffle.

The purchaser of a ticket does not need to be present to win.

Thanks to Gerry for getting some great raffle prizes and organizing the printing and mailing of the tickets. ☺

(Reprinted from The Wright Flyer, newsletter of the Wright Flyer R/C Club, Monticello, MN, Jean Davids, Editor.) ☺

Editor, Jim Cook
@ Flare Out Publisher
1177 Polk Street
Shakopee, Minnesota 55379

The Red Baron Scores!



A very nice looking miniature electric Fokker DR VII appears to be crossing the goal line at the Metrodome. It was piloted by one of the Marcee members who enjoyed a morning of flying on Thursday, December 18th. (Photo by Jim Cook) ☺

THE TCRC FLARE-OUT Monthly Newsletter



** TWIN CITY RADIO CONTROLLERS INC. **

Purpose: To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes.

2009 Officers

President	Steve Meyer	952-448-5877
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