December

Minneapolis, Minnesota U.S.A.

2008

TCRC Banquet Brings The 2008 Year To A Close

by Scott Anderson

TCRC members and family gathered at Dangerfield's Restaurant in Shakopee to celebrate the end of another terrific flying season and to thank our spouses for their support through the year.



President Scott Anderson reviews the club highlights at the 2008 TCRC Banquet. (Photo by Steve Meyer)

Vice President Steve Meyer and his wife Sandy hosted the event after weeks of planning and implementation. Sandy met each attendee and had them fill out a ticket for the drawing to be held at the end of the evening. Sandy had created display mugs for table center pieces. Each had a TCRC 50-Year emblem on one side and a unique copy of WWII aircraft nose art on the other. Steve had spent many long hours on the computer creating the graphics.

Each place setting was on a unique aircraft 3-view drawing that Steve had created as placemats. There were a lot of placemat swaps taking

place early in the evening as members traded their placemat for their favorite aircraft.

Attendees were entertained by a looping PowerPoint presentation projected on a large screen. I had selected a few hundred photos from the vast files of Jim Cook to reflect on the 2007-2008 season ranging from the 2007 banquet to the 2008 season finale. From the pictures I see that Paul Doyle has overtaken Gerry Dunne in having the greatest number of new aircraft in a single season.

It was great to see such a mix of new and experienced members enjoying the festivities. Tynan Thunstedt attended with his parents Tom and Lisa as a representative of the junior members.

Outgoing President Scott Anderson gave a review of the year including thanks to all who participated in key events such as the Auction, Model Aviation Day, and the many flying events. Scott gave a special thanks to the outgoing officers. Specifically, treasurer Mike Burk for his tireless efforts in keeping the accounts and his massive efforts during the 2008 Auction, and outgoing secretary Jon Perry for his excellent care in recording and preparing the minutes for every meeting and finding a cheaper post

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Ramblin's From The Left Seat

by President Steve Meyer



We held an election at the November meeting and I am proud to be voted into office as your new president. I want to thank Scott Anderson for being president this past year as well as Jon Perry (secretary) and Mike Burk (treasurer). I also want to thank newly elected members Wayne Rademacher (new vice president) and Tom Thunstedt (new treasurer) for stepping up and taking these positions. There is a rumor that there is a long-time club member that wants to be our new secretary (he will be a good one) and I will publicly thank him after he is elected at the next club meeting. I also want to thank all the people that have held these TCRC Board positions over the past 50 years. This club survives because of their guidance. A special thank you goes out to Jim Cook (Editor Supreme of this SUPER newsletter), Jim Ronhovde (historian), Larry Couture (safety officer), and Pat Dziuk (webmaster) for holding these non-elected positions all these years.

Our 2008 banquet was again held at Dangerfield's Restaurant and the service and the food were excellent. If you missed it this year we will be doing it again next year so try and make it then. Scott's year in review presentation was excellent as were his comments about club events in 2008. My wife Sandy's version of BINGO with an airplane twist was well received by all, and many prizes were won. Gerry Dunne was the recipient of the Walt Billet award this year. Congrats to Gerry! Next year's banquet will have more surprises, so come join us.

On November 25th the joint board had a meeting and the 2009 calendar was reviewed (with some event dates needing to be added). We will publish the calendar of events in the *Flare Out* next month and put it on our website (http://www.tcrconline.com/). We also reviewed and approved the budget for next year and dues (\$60 before Jan. 15th /\$75 after) will remain the same as last year.

On February 7th 2009 we are holding the TCRC auction at its new location (CrossPoint Church, 9801 France Ave S, Bloomington, MN 55431). I am asking for a committee to form and take on the job of setting up the auction at this new site. I can only see our auction getting better. We still need your help to make it successful.

TAG.....Take-off And Grow......a new program developed by AMA "to encourage our members and clubs to promote modeling as a positive

recreational activity to those in their communities". When I get more information on this program I will share it with our members. This program (TAG) along with our MAD event may help to develop and encourage more interest in our club and radio control modeling.

The December club meeting will be led by Wayne Rademacher because I will be in Arizona for 2 weeks. Wayne has some great ideas for programs next year and he is looking for input from club members on other programs you want to see.

As I look at the thermometer outside I realize we need to prepare our planes for a new winter flying season. Winter is also a good time to repair any damage the summer flying has caused. Some of you may be starting a new build or, like me, finishing one you started last year.

The January All Season Flyer Kick-Off event will be held on January 3rd at the field. Now I just need to find my airplane's skis before the first snow comes.

Happy Holidays.....I will see you all in January.

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.

2009 Will Be A Great Year For TCRC!

TCRC Banquet

Continued From Page 1

office box for the club. Presidentelect Steve Meyer presented Scott with a plaque to thank him for his efforts. (See page 12)

The newly elected 2009 officers and board members were introduced.

President: Steve Meyer VP: Wayne Rademacher

Treasurer: TomThunstedt

Secretary: Open

Board #1: Gerry DunneBoard #2: Chris O'Connor

Board #3: Bill Jennings

The Walt Billett trophy presentation was made by two of the past three winners. Pat Dziuk and John & Kathy Dietz made the well deserved presentation to Gerry Dunne. Gerry gave an eloquent thank you to all the members of TCRC for making the club fun.

Past club historian Jim Ronhovde then presented club service awards. These are patches that recognize years of active membership in TCRC and are given in 5-year increments. See the article on page 11 of this newsletter on the specific awards.

Scott Anderson closed the business meeting and introduced Steve and Sandy Meyer for the evening entertainment. Steve and Sandy had created a special variation of BINGO where each player created his/her own card using a given list of model aviation terms. The games were quick and the competition fast and furious with the ladies winning more often than the men. awarded winners of each game with

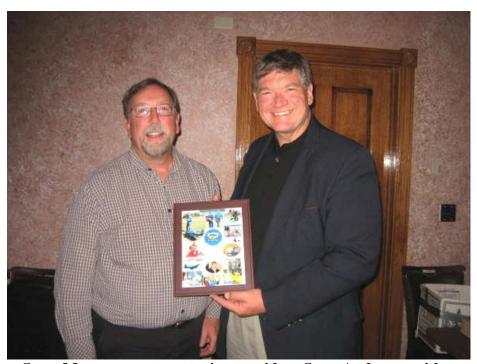
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All Ages Enjoyed The Presentations At The Banquet



Tynan Thunstedt and his parents enjoyed the meal and the program at the 2008 Banquet. (Photo by Steve Meyer)

Thanks For A Great Year Scott!!



Steve Meyer presents outgoing president Scott Anderson with a plaque commemorating his year in command.

(Photo by Scott Anderson)

Pictures From TCRC's Annual Banquet



The food buffet was great at the 2008 TCRC banquet.



Steve and Sandy Meyer provided the entertainment for all at the banquet.



Rick and Carmen Smith were a pair of the winners in the 'Airplane Bingo'.



More of the attendees enjoying a great banquet at Dangerfield's.



Janice and Kathy concentrate on their Bingo card.



Pat Dziuk and the Dietz's present the Walt Billett.

TCRC Banquet

Continued From Page 3

gift certificates from either Target or Hub Hobby. Two couples won several times and collected a clutch of certificates.

At the end of the evening Sandy drew names from the pot for the center pieces. Young Tynan Thunstedt was an early winner.

We had a great time and look forward to seeing even more at the 2009 Banquet!

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.

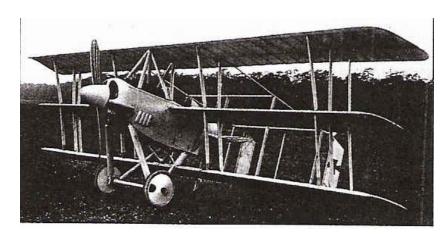
Your TCRC dues can be paid to treasurer Tom Thunstedt at a meeting or by mailing them to Tom at 13313 Oliver Avenue S, Burnsville, MN 55337.

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

Seimens Schuckert DDR-1

by Conrad Naegele

The November Mystery Plane was the Siemens Schuckert DDR-1.



Dubbed unofficially 'the flying egg', the DDR-1 represented one of the very early examples of twin-engined centerline thrust concept. It fitted 2 120/110 horsepower Siemens-Halske rotary engines fore and aft, with the rear engine a 4-bladed prop. An equispan staggered triplane, the elevator and rudders were carried on tubular steel outriggers. Plans were made for 2 machine guns.

The design found favor in the ruling aviation circles and the first prototype flew in November, 1917. It crashed on its maiden flight. The short flight revealed virtually no engine control, and severe instability. This resulted in cancellation of the 2nd prototype, which was scheduled to have larger engines and possibly a 3rd gun. This plane was brought out during the period of such planes as the Fokker DR1 and the Sopwith Camel.

Dr. Siemens to Mr. Schuckert: "No, no, I thought you reserved the wind tunnel!"

The DDR-1 had a wingspan of 36 feet, a gross weight of 2,006 pounds, and a projected speed of 110 mph.

TCRCOnline.com

You Should Be Using It!!!

Show & Tell



Show & Tell was interesting at the November 11th meeting.



Pat Dziuk had a 'transmitter glove' he purchased on e-Bay for about \$50. It was manufactured by LI Mac Products and was made of heavy red cloth. Pat demonstrated the use of the glove and was looking forward to the next All Season Flyer date so he could try it out at the field.



Gerry Dunne had his next electric airplane – a GWS Me 109. The plane was an ARF and made of foam. Gerry had done it in quasi-military format of white fuse and wing with bright green trim. The underside of the wing was done in broad red stripes. It weighed in at 20 ounces and was to be a pylon

racer. Gerry was quite secretive about the power plant.



Mike Burk had his SSC (slow survivable combat) plane at the meeting again. The first time he had it at the meeting in parts, but it was now complete with a yellow wing on top and white on the bottom. His first attempt to fly it indicated that it was tail heavy and he had to move the motor mount forward to balance the plane. The very short fuse put the CG farther forward than a conventional plane. It was powered with a Magnum .15 2-stroke engine. Mike has had the plane survive two mid-air collisions and he said, "It crashes very well, only breaking props." It weighed in at 2 pounds 10 ounces.



Jim Cook had his neighbor's new-in-box GWS Mini Dragonfly helicopter that he was selling. The heli retails for \$250 and he was selling it for \$100, complete with transmitter and batteries.

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Show & Tell

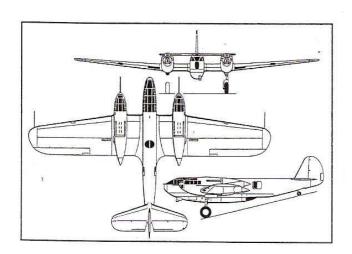


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Rick Smith had his 'ski-making jig' at the meeting and several examples of the wooden skis he made with it. The smallest skis he made by gluing 4 sheets of 1/64" 3-ply wood together with aliphatic glue. He said it was very important not to use epoxy because it does not hold the curve of the ski over a long period of time.

December Mystery Plane



Steve, Thanks For The Great Programs In 2008



Besides being the back-up for the president, another major responsibility of the vice president of TCRC is to arrange for the programs that are presented at each monthly membership meeting.

Outgoing VP Steve Meyer took his responsibility very seriously and the quality of the monthly programs all during the year were great. Steve presented several of the programs himself, but also arranged for other presentations that were very informative.

The year saw programs on turbine jets, electric motor construction, giant-scale techniques, servo selection, painting and finishing, pylon racing, and the final program for his tenure as VP was done by Steve himself on landing gear and retracts.

The quality programs were instrumental in increasing the attendance that the club enjoyed each month.

A very big thank you to Steve for all the time and effort he put into the programs for the year.

Incoming VP Wayne Rademacher, who was a presenter a few times in 2008 has vowed to continue the great programs in 2009.

The Co-Pilot's Report

by VP Wayne Rademacher



Your new VP is reporting for duty.

It's Sunday morning and I am trying to think about how I would like to start my first article as your new VP. Since the snow is falling, I thought a little talk about winter flying and snow ski design may be in order. But first, I would like to thank you for putting your confidence in me this year. I hope to serve you well in this capacity as vice president.

Although I do have a few ideas for upcoming programs, I would like to encourage all of you to think about topics you would find interesting. Also let me know if you would be interested in presenting a topic. I need your help to keep things interesting....otherwise you're in for a full year's worth of electric programs **J**.

Some topics that come to mind are:

- Covering
 - o Stit's
 - o Monokote
 - o Fiberglass over foam
- Repair that broken airplane.
- Nitro engine maintenance.
- Converting nitro aircraft to electric.
- Basic aircraft design.

Now, on to winter flying:

As I got up this morning, I could see we just got a light coating of snow. My first thought was not of making a snowman, it was to strap a set of skis on my Mini Ultra Stick and head for the field. I personally find winter flying very enjoyable, a great excuse to get out of the house and get a little exercise. For those that haven't tried winter flying, you're really missing out, winter offers some wonderful flying opportunities. Remember, even though it's a little cool.....there are no bugs in the winter J.

Although snow skis can be purchased....designing and building a set is easy and rewarding. For a basic ski design I use the following criteria: Ski area = 14sq.in / lb of airplane weight \ Aspect ratio (length to width) ~ 4:1 Examples:

2-lb airplane:

2-lbx14sq.in = 28sq.in (total area needed) | 28sq.in / 2 = <u>14sq.in per ski</u> 2" wide x 7" long = 14sq.in (3.5:1 aspect ratio – close enough)

6-lb airplane:

6-lbx14sq.in = 84sq.in (total area needed) | 84sq.in / 2 = 42sq.in per ski 3" wide x 14" long = 42sq.in (4.6:1 aspect ratio – again, close enough)

As you can see from the design examples, it is not an exact science....a little LAR design (Looks About Right) is OK. The design criteria mentioned is a good guideline and a place to start. For those that would like to give this a try....Rick Smith has a ski mold that he showed at the last meeting and has offered to let others use it to make their own snow skis.

Hope to see you at the field for some winter flying, so we can put those flights in needed to earn your AMA All Season Flyer Patch.

Have a Merry Christmas and a Happy and Joyous New Year!

May You Find A New Airplane Under Your Christmas Tree

2008 Walt Billett Award

by John Dietz

Each year, the Walt Billett Award is presented to a club member who has personified the clubs purpose: to preserve, encourage and further develop the hobby of building and flying radio controlled model airplanes. This motto was derived from Walt Billett who gave the original traveling trophy to our club to use as we saw fit. Walt was a hobby store owner and promoter of airplane modeling. The trophy, along with a companion trophy board, is at the AMA Museum in Muncie, Indiana.

Early in October, the three most recent recipients of the award got together to pick a new Walt Billett recipient. This year was a challenge because there were several very worthy TCRC members to choose from.

After several cups of coffee and large pieces of pie, Bill Jennings, Pat Gerry Dunne with the 2008 Walt Dziuk, and John and Kathy Dietz went over a list of possibilities. Bobbi Jo and Emmy Dziuk worked on more dessert as the others discussed candidates. After a period of time, a final decision was made.



Kathy & John Dietz and Pat Dziuk present Gerry Dunne with the 2008 Walt Billett Award at the TCRC Banquet. (Photo by Scott Anderson)

This year's recipient has been:

- A member of the TCRC Club for over 18 years
- An active participant in various club events
- A leader in encouraging new memberships
- An instructor and advisor to a number of new TCRC members and lots of folks who are just interested in watching RC planes
- A member on the field maintenance crew

- Sponsored a Shop Tour at his
- Maintains one of the lawn tractors at the field
- An innovative flyer who encourages electric flying
- A TCRC Board member for three terms
- Held the Vice President position for four terms
- Runs a successful raffle at our auction for many years
- Serves up some of the best hot dog and brat bargain meals at many of our field events

The Club was pleased to present Billett Award. From the above list, it is very obvious that he is a very deserving recipient. Congratulations, Gerry!

Calendar

Dec. 6	2008 All Season Flyer Finale, 11:00 AM Jordan Field 10-10-10 Rule
Dec. 9	TCRC Membership Meeting, 7:00 PM Fellowship Hall CrossPoint Church Bloomington
Dec. 25	Merry Christmas
Jan. 1	Happy New Year
Jan. 3	All Season Flyer 2009 Kick Off 11:00 AM Jordan Field 10-10-10 Rule
Feb. 7	TCRC Auction 7:00 AM CrossPoint Church 98 th & France Avenue Bloomington

2008-2009 TCRC Elections

TCRC held its annual elections at the November 11th membership meeting.



The 2008 TCRC officers preside over their last meeting. (Photo by Jim Cook)

President Scott Anderson was not running for re-election because of month. the large amount of travel his job was requiring. Two candidates did step up for the presidency. Current VP Steve Meyer had announced that he would run for president earlier in the month. Corey Kadrlik secretary of the club should notify announced his candidacy for that office at the meeting. Both Steve and president-elect Steve as soon as Corey gave campaign statements before the membership voted. The possible. membership voted for president by paper ballot and when the votes were tallied Steve Meyer emerged as TCRC president for 2008-2009.

Incumbent VP Steve Meyer was not running for re-election to that position because of his candidacy for president. Wayne Rademacher had announced that he would be a candidate for VP earlier in the month. No other nominations were forthcoming and after the nominations were closed, Wayne was elected 2008-2009 VP by acclamation.

Jon Perry was the incumbent secretary and was not running for reelection. No candidates announced for this position, and when the elections closed, a secretary for the 2008-2009 season had not been chosen.

Mike Burk was the incumbent treasurer and was not running for reelection. Tom Thunstedt announced his candidacy for treasurer at the

meeting. No other candidates came forward, and after the nominations were closed Tom was elected 2008-2009 treasurer by acclamation.

Only one of the three board seats were up for election this year. The seats currently occupied by Chris O'Connor and Bill Jennings will be up for election next year. Incumbent board member Gerry Dunne's seat was up for election and Gerry had announced his candidacy. addition Mark Wolf had also announced that he would run for the board seat. There were no further candidates and after the nominations were closed, the members voted for this board seat by paper ballot. When the votes were tallied Gerry Dunne was elected to another term as board member.

Congratulations to the officers and board members of The newly elected board will have a joint board meeting with the outgoing board during this

Any member interested in being



TCRC'ers Earn Service Awards

Those receiving service awards were:

by Jim Ronhovde

Lots of members of TCRC were presented with their club service awards at the annual banquet. Historian Jim Ronhovde maintains the records of membership for the club and made the presentations.



Jim Ronhovde presents Scott Anderson with his 35 year service award. (Photo by Steve Meyer)



Jim presents Conrad Naegele with his 30 year service award. (Photo by Scott Anderson)

5 Year

- Brandon Bickford
- Kevin Bickford
- Todd Schwartz
- Dave Varner

10 Year

- Charles Dempewolf
- Nathan O'Connor

15 Year

- Tom Rendos
- Mike Robin
- John Berk
- Mark O'Connor

20 Years

Larry Neutgens

25 Years

- Larry Edelmann
- Paul Hirsch

30 Year

Conrad Naegele

35 Year

- Scott Anderson
- Sherwood Heggen

Congratulations to all of the recipients. If you were not present at the banquet, contact Jim to obtain your patch.

Thanks to Jim for his great record keeping and for making the presentations.

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:

> \$58 Regular

> 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.

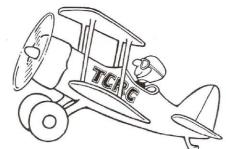
By phone by calling 800-435-9262.

Dues payments are due 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.





TCRC 33rd **ANNUAL AUCTION**

TWIN CITY RADIO CONTROLLERS - MINNEAPOLIS AMA CLUB #383

SATURDAY - February 7, 2009



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

What's for Sale?

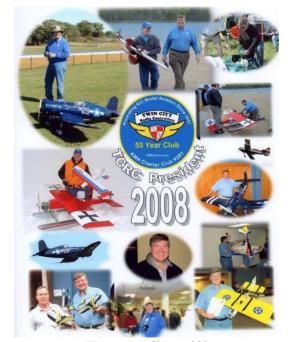
- R/C Airplanes
 - R/C Airplane Kits
- R/C Airplane Engines
- R/C Airplane Radio Systems
- R/C Aircraft Related Accessories and R/C Aircraft Support Equipment
- No Cars, No Boats, No unrelated Stuff

Cross Point Church 9801 France Avenue Bloomington, Minnesota

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.



Thanks Scott!!!

MARCEE Metrodome Flying Dates

MARCEE (Minnesota Area RC Electric Enthusiasts Club) has again been able to obtain dates for flying RC airplanes in the Metrodome.

Flying actually started in November. The December dates are:

Dec 18 5:00 am – Noon Dec 22 5:00 am -5:00 pm Dec 23 5:00 am to 5:00 pm

Cost is \$5 per day and you must have a MARCEE membership and a current AMA membership. You can join MARCEE at any event and the current cost is \$15 for a year.

The 20-20-20 rule must be followed to fly in the Dome. That is, your plane must weigh 20 ounces or less, fly at 20 mph or less, and the flight must be 20 minutes or less.

More info and other rules can be found at www.marcee.org

If you haven't flown in the Metrodome as yet, this year is the time to 'get 'er done!

How Many Pilots Can Say They Have Flown In The Metrodome?

2009 All Season Flyer Kick Off Scheduled

TCRC prides itself on having a large number of RC pilots that fly outside in Minnesota all year long.

The AMA has sponsored a program for many years they have termed the All Season Flyer. To qualify as an AMA All Season Flyer, an RC pilot must fly outside at least once per month of a calendar year. That means you must start in January and complete a flight for every month of that year.

Those pilots that do qualify as an AMA All Season Flyer are presented with a very nice patch to commemorate the event. For those pilots who continue to qualify each year, tabs are awarded for the 2nd, 3rd, etc. years.

To qualify as an ASF 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 scheduled Saturday, January 3rd as the official kick-off to the 2009 All Season Flyer qualification.

2009 is a great year to begin your quest of an AMA All Season Flyer patch. Head for Jordan Field on Saturday, January 3rd and enjoy winter flying.

TCRC Auction February 7th

TCRC will be holding its 33rd Annual Auction on Saturday, February 7th, 2009 at CrossPoint Church at the intersection of 98th Street and France Avenue in Bloomington.

Please note that this is a change of location from St. Peter's Church in Richfield, where the auction has been held for the last many years.

CrossPoint Church is where TCRC also holds it monthly membership meetings. The use of this location offers many improvements over the previous location, but it will take some very careful planning on how to utilize floor plan so that participants can move freely from the auction floor to the impound area, the concessions and the restrooms. The club has formed a committee to study the floor plan and make recommendations on how the various areas can be integrated.

The auction is the biggest event that TCRC holds and requires a huge amount of manpower to make it work properly. Please make sure that you mark your calendars and plan to be a buyer, a seller and a worker at the 2009 TCRC Auction on Saturday, February 7th at CrossPoint Church.

You're Needed At The 2009 TCRC Annual Auction Editor, Jim Cook
@ Flare Out Publisher
1177 Polk Street
Shakopee, Minnesota 55379

2009 TCRC Officers And Board Of Directors



Pictured above are the newly elected board of directors for TCRC for 2009. Steve Meyer is president, Tom Thunstedt is treasurer, Scott Anderson is outgoing president, Gerry Dunne is director and Chris O'Connor is director. Missing are VP Wayne Rademacher and director Bill Jennings.

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

Vice President Wayne Rademacher

952-758-6246

Secretary

Treasurer Tom Thunstedt 952-894-6146

TCRC Flare-Out

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