



December

Minneapolis, Minnesota U.S.A.

2010

# 10 Inches Of Snow Can't Stop TCRC's Banquet

by Sandy Meyer

TCRC members are a hearty bunch. After several calls between Steve and other members it was decided to go ahead with the banquet, even though 10.5 inches of snow fell earlier in the day. The Annual Banquet was held at Timberlodge Steak House in Bloomington on the evening of November 13th. We once again gathered at 5:30 pm and ordered meals from the menu around 6pm. The food was very good and the service went very smoothly with each party receiving separate checks to make paying the bill easier.



**President Steve Meyer gives the 'Year in Review' at the TCRC Banquet. (Photo by Sandy Meyer)**

When president Steve Meyer arrived around 5:30 pm several members and their families were already there. Scott Anderson was busy setting up the screen and projector for Steve's presentation.

Steve's wife, Sandy made sure everyone had name tags and got entered in the drawing. A phone call was made to Wayne Rademacher to confirm his attendance and the arrival of centerpieces. All settled in and Steve welcomed the members and their families. The very unique centerpieces which were made by Wayne and his wife, Tess were given away at the end of the evening. Wayne made custom sanding blocks which he tied around vases and Tess decorated them with greens.

Steve presented a Power Point presentation of the 2010 activities of the club including last year's banquet, 2010 Winter Flying, 2010 Auction, Shop Tours, Monthly Meetings, Spring Field Clean-up, Spring Float Fly at Bush Lake, 2010 Building Contest, Air Expo 2010 at Flying Cloud Airport, Big Bird event at Jordan, Jim Miller Day, Road Trip to Jim Cook's cabin and Bill Sachs' field, Northern Alliance Fly-in in Owatonna, MAD 2010, Fall Float Fly and Fall Field Clean-up.

Scott Anderson presented the service patches for years of membership in TCRC, but Morgan Larson, the 40 year member, was the only one present to receive his patch.

Steve introduced the outgoing officers in attendance – President Steve Meyer, Vice President Wayne

**Continued On Page 3, Col. 1**

# From The Left Seat

By President Tim Len



As the newly elected president, I would like to thank everyone for giving me the opportunity to be involved with a great RC club such as TCRC. I will do my best to see that TCRC lives up to its long standing reputation as being one of the friendliest and fun RC clubs in the Twin Cities Community.

Each month as the president article continues, I will try to keep everyone informed as to the latest news and special events, including up-to-date information on the possibility of new regulatory requirements for RC modeling as it presents new challenges.

At this time, I would like to share with everyone a little information about myself for you to get to know me better. My wife and I moved to Minnesota from Florida almost two years ago for a career change and it has been very positive as we are enjoying the differences Minnesota has to offer. If you've seen me at the field, you've seen my wife; she's there with me taking pictures and videos. I started flying RC model airplanes about 3 years ago; this is due in part to my next door neighbor and my nephew who introduced me to this great hobby. I started flying small RC helicopters and with lots of practice managed to get the hang of things. After about 6 months, I decided that helicopters were really not for me and at this point decided to move into entry level high wing RC airplanes. From there I gained experience using the RC Flight Simulator to get better acquainted with orientation and to improve my skills. My first RC airplane was the Piper Super Cub with only 3 channels. From there I moved up to more complex models and flew as much as I could as my skills improved tremendously. Yes there were times when it got to be a little frustrating, especially when you have an incident. One of the most rewarding things about this hobby is seeing your RC airplane in the air and truly enjoying it as it flies by you knowing all that hard work has paid off.

I look forward to meeting everyone at the events and at the field and I am also looking forward to this next year as we all enjoy another flying season.

We'll see you at the next meeting.

## All Season Flyer Kick-Off January 1<sup>st</sup>

With the arrival of 2011 comes your opportunity to become an AMA All Season Flyer for the year.

To be an AMA All Season Flyer you must put an R/C airplane into the air outside in Minnesota at least once each month of a calendar year. The 'calendar year' are the operative words – which means you must start your year in January, not just go 12 consecutive months. TCRC has a huge tradition in qualifying all season flyers. There are several members in the club that have qualified for the award for 15 straight years!

Before the advent of the electric R/C airplanes, it was a lot harder to achieve the ASF. Glow engines really don't like to start easily in very cold weather, and it is really a downer when you have to stick your fingers in the prop blast to adjust your carburetor. Now you can just grab the plane out of the warm car and take to the skies.

So, if it's that easy, why haven't you done it yet? The club makes getting an ASF patch even easier by scheduling monthly events. On Saturday, January 1st, Pat Dziuk will be chairing the All Season Flyer Kick-Off. This is predicated on the 10-10-10 rule: If at 10:00 AM, the wind is below 10 mph and the temp is above 10 F., then the flying starts at 11:00 AM.

This is your year to become an AMA All Season Flyer! Get some skis on a plane and get ready for some great flying. **J**

# TCRC Banquet

Continued From Page 1

Rademacher, and Secretary Pat Dziuk. Treasurer Tim Wirtz was unable to attend. Steve then welcomed the new Board of Directors and introduced the only one in attendance Secretary Curtis Beaumont. New officers for 2011 are President Tim Len, Vice President Mark Wolf, Secretary Curtis Beaumont and Treasurer Tim Wirtz, and Board Members Gerry Dunne, Paul Doyle, and Corey Kaderlik.

The close of the business of the evening was the presentation of the prestigious Walt Billet Award. This award is presented to the club member who, over the past year, has best personified the club's purpose: To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes. Steve Meyer, as last year's winner, made the presentation to the 2010 winner Mike Timmerman in abstention because Mike is working out of state and was unable to attend the banquet.

The entertainment for the evening was Aviation Bingo designed by Sandy Meyer. Everyone was given a blank Bingo card with a list of aviation terms to fill in the squares and design their own card. The Bingo markers were fruit loops and doggie bone candies which they were told NOT TO EAT until the games were complete. Several nice prizes of Target gift certificates and Hobby Warehouse gift certificates were given away and after Bingo the centerpieces were given away to

pilots who had entered the drawing upon their arrival.

Around 9:00 PM the TCRC Banquet came to a close and everyone headed home.

Newsletter editor and photographer Jim Cook was unable to attend because the weather had trapped him at his Wisconsin lake home, so Sandy Meyer took photos and wrote this article for Steve because he was on pain meds for his knee replacement and couldn't remember much about the night!

We all hope to see you all again at next year's banquet, and hopefully the weather will be a little more hospitable then! J

## TCRC Newsletter To Go Paperless

by Pat Dziuk

Six years ago Jim Cook was looking for somebody to take over the printing and mailing of the *Flare Out* newsletter. Mike Timmerman and I stepped forward. After reviewing the printing and mailing process for over 120 newsletters we worked to streamline the process. Within a few months an email option was created and we had about 15 members sign up to receive their newsletter electronically during the first year. Over the next five years we have reduced the number of printed newsletters to 40 and grew the email distribution saving the club hundreds of dollars which we are using to reinvest in the club amenities.

At the October meeting I approached the membership with the idea of completely eliminating the printing and mailing of the newsletter. The driving force behind the idea was a realization that the internet has become a commonplace tool and Mike and I are looking to reduce some of our time commitments so that we can spend more time with our families (and by "families" I include you guys at the field). The idea was met with an overwhelming approval. Currently of the 40 newsletters printed and mailed each month 11 go to non-members who are friends of TCRC, 16 go to members that have an email address registered with the club and the remaining 13 go to members that either don't have email or have not registered one with the club. It costs \$1.67 per newsletter to print and mail. This change will save the club over \$800 per year.

So this is the last *Flare Out* edition that will be printed and mailed. Starting with the January 2011 *Flare Out* all members and friends of the club will receive an email notification that the newsletter is available for downloading and viewing from the club website at [tcrconline.com](http://tcrconline.com). Mike and I were happy to bring you the newsletter via postal mail and we thank you for that opportunity. But we will enjoy the extra free time each month.

I will bring a handful of printed copies to the membership meetings for club members who don't have access to the internet. If you have not supplied me with an email address and would like to have a monthly reminder please send it to me at [pdziuk@gmail.com](mailto:pdziuk@gmail.com). J

## Jordan Field Polished Up After Fall Flooding

by Corey Kaderlik

What a great sunny day for the cleanup of the Jordan flying site. The Minnesota River had finally left the field, hopefully for a long time. Saturday, November 6<sup>th</sup> several TCRC members arrived at the field around 10:00 AM armed with shovels and brooms and with their sleeves rolled up.



**Most of the work crew pause for a quick picture on clean-up day at the Jordan field. (Photo by Corey Kaderlik)**

All of the old junk that had been piling up over the years at the edge of the parking lot and up by the tractor sheds went into a roll-off dumpster that had been ordered on Thursday from Waste Management. The runways were broomed off by Pat Dziuk as they were very dusty. Everything that was kept was lined up in a neat fashion next to the sheds at the top of the road. You will also notice that the pile of bricks and cement are gone and the trees that grew up around them are cut down next to the parking lot. The new impound lot was also finished and installed. The crew kept hard at work until 2:00 in the afternoon before finally calling it quits for the day.

For any member interested, there is a boat trailer by the tractor sheds for anyone who wants it. Contact a board member if interested.

Thank You to everyone who came out and volunteered. Your time is very much appreciated. **J**

## 2011 AMA Dues Statements

All TCRC members should have received their 2011 dues statements in the mail in September from the Academy of Model Aeronautics.

AMA 2010 dues have not changed from the previous year. They are:

- Adult (19-65) \$58
- Senior (65 and up) \$48
- Under 19 \$1  
or \$15 with *MA*
- Additional family \$30

Your AMA membership gives you \$2.5 million in personal liability coverage, \$25,000 in medical coverage and also a subscription to *Model Aviation* for the year.

To belong to TCRC, you must have a valid membership for the year in AMA.

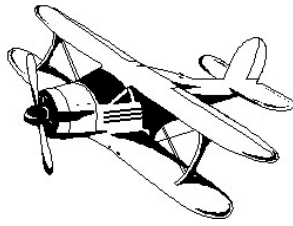
Please note that AMA also has a Park Pilot membership that has a cost of \$29.95 per year, but that membership is not valid for membership in TCRC.

To renew your membership in AMA, the Academy gives you four methods: at the AMA website, [www.modelaircraft.org](http://www.modelaircraft.org); by fax at (765) 741-0057; by phone at (800) 435-9262; or by returning the renewal form you received in the mail in the supplied envelope.

Deadline for paying your 2010 AMA dues is December 15 to avoid a lapse in membership services.

Pay your AMA dues today. **J**

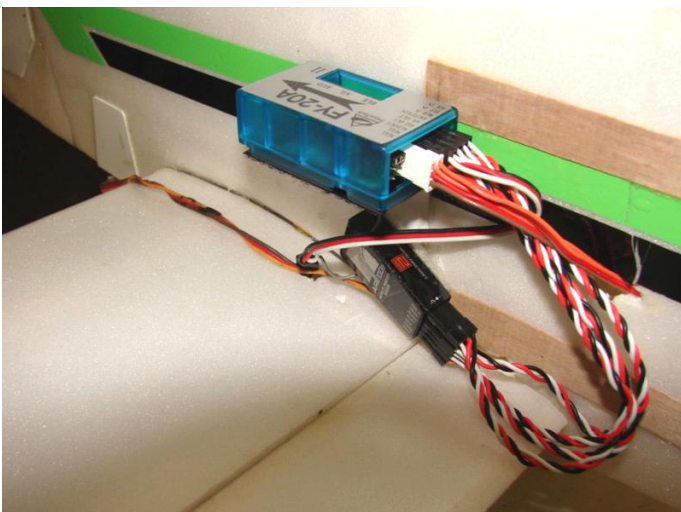
## Show & Tell



Only one airplane at the November 9<sup>th</sup> meeting, but it was a pretty neat one.



Mike Burk had a foam profile biplane at the meeting that had a little something extra tied to it – a flight stabilization system. This consisted of three gyros so that the plane could fly smoothly when Mike installs his FPV camera system. The plane was white foam with green and black accent stripes and red invasion stripes on the underside of the lower wing. Mike was very impressed on how well the stabilization system worked and said that the cost was only about \$115.



A close-up of the Flight Stabilization System mounted on the biplane. (Photos by Jim Cook)

## 2010 Walt Billett Award

by Steve Meyer

Each year, the Walt Billett Award is presented to a club member who has best personified the club's 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 in Minneapolis. The trophy, along with a companion trophy board, is currently at the AMA Museum in Muncie, Indiana.

Each year the Walt Billett Award recipient is chosen by the previous three years' recipients. At the October meeting Wayne Rademacher, Gerry Dunne, and Steve Meyer discussed a short list of possible candidates and the final decision was made.

This year's recipient has been:

- An active member of TCRC for 7 years
- Has printed and mailed the club newsletter and roster.
- Was instrumental in getting the trees cut down around the field.
- Along with Pat Dziuk he built all the starting benches at the field.
- For the past few years he has been heavily involved with TCRC annual auction planning and set up.
- Served as a TCRC board member.

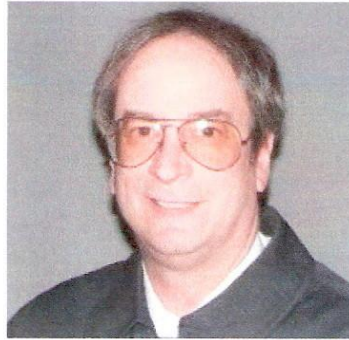
The members of TCRC are pleased to present Mike Timmerman with the 2010 Walt Billett Award. Because of a work schedule that is keeping him out of town, we will award him his well-earned trophy at the first membership meeting he can attend. Congratulations Mike! J

**You'll Find This Newsletter At**

**TCRCOnline.com**

# Veep's Corner

by Mark Wolf



Hello everyone. First, let me start by saying thanks to Wayne Rademacher for his efforts in this position over the past couple of years. Second, thank you for your support and confidence in allowing me to be your TCRC vice president for the upcoming year. I'm looking forward to it.

Just a little information about myself. I've been a TCRC member for several years (on and off) and like all of us, I enjoy the hobby very much. My primary interest in model aircraft are those models which are scale/giant-scale types. Whether they are civilian, military – WWI, WWII, US forces and foreign nations – I like a lot of them. I have my favorites in each of those categories and like most of you I'm still trying to find the time to put some of these planes together. I do like to build from a kit. Framing up the structure, covering, finishing, adding detail, etc. (Old habits are hard to break) although I did purchase a Top Flite giant-scale P-51 'ready to cover' for a future project. That's it for projects for now but interests are always subject to change.

OK . . . for the next year I have several ideas/topics for possible programs for our meetings. I would like to discuss some of these at an upcoming regular meeting and also solicit input from the membership. What would you like to see? What would you like to try and do? How-To/Demonstration types of programs – any interest? Perhaps a narrative/discussion type program or a guest speaker. What do you think? We've had several versions of these over the years and they always provide good information. I'll come up with a schedule.

Alright . . . it has been said that you can't use the runway behind you of the altitude above you. Our spring/summer flying season has now become our fall/winter flying (building?) season with many aspects of the hobby to look forward to. If your schedule permits, attend a meeting. If you have a completed model project – bring it to a meeting for Show & Tell. We'd like to see it. If it's a work-in-progress – bring it to a meeting, we'd like to see it. Have fun and enjoy the hobby. It's the time of the year for Thanksgiving and once again thanks for your support.

I hope to see you at the next meeting.

*(Editor's note: This was a first for me. At the TCRC elections on November 9<sup>th</sup> when Mark was elected vice president, the dust hadn't even settled at the meeting and Mark handed me this article for the newsletter. This is going to be a great year!! ☺*

## TCRC Auction February 12<sup>th</sup>

2010 is drawing to a close rapidly, and with the new year comes the biggest TCRC event of the year – the 35<sup>th</sup> Annual Auction.

Saturday, February 12<sup>th</sup> the TCRC Auction will be held at CrossPoint Church at the intersection of 98<sup>th</sup> Street and France Avenue in Bloomington. This is the biggest R/C airplane auction in the upper Midwest, and is well attended by clubs and hobbyists from the surrounding states.

TCRCOnline.com should have pre-registration materials on the site within the next few weeks. This is TCRC's biggest manpower (and womanpower) event of the year and the club needs the help of every member to make it be successful. Mark your calendars.

Start looking through all of your R/C stuff to determine what you need to sell, and what you need to buy. Be a buyer, a seller and a worker at the 2011 TCRC Auction on Saturday, February 12, 2011. J

**You're Needed At The  
Auction February 12<sup>th</sup>**

J

# New Club Officers Elected At TCRC Elections

by Jim Cook

At the Tuesday, November 9<sup>th</sup> membership meeting, TCRC held its annual elections. This year, the president, vice president, secretary, treasurer, and one board seat were up for election.

Incumbent president Steve Meyer said he would run again but was really hopeful that other member would also run for that position. Incumbent vice president Wayne Rademacher stated that it was time for him to step down and he would not be a candidate for VP in 2011. Incumbent secretary Pat Dziuk had stepped in to fill the empty secretary seat during the year and he said he would not be able to run for this next term. Incumbent treasurer Tim Wirtz indicated he would be a candidate for 2011. Incumbent board member Gerry Dunne said he was willing to run again for the upcoming term.



**Gerry Dunne, Mark Wolf, Tim Len and Curtis Beaumont pose after being elected to TCRC Office. (Photo by Jim Cook)**

The floor was opened for nominations for each position. Tim Len announced that he would run for president, Mark Wolf became a candidate for vice president, and Curtis Beaumont ran for secretary. No further nominations were received and the nominations were closed. Steve Meyer then announced that he was removing his name as a candidate for president.

Since there was only one candidate for each position, it was moved to elect the slate as proposed by acclamation. The motion was seconded and the slate of candidates were elected by voice vote.

The 2011 officers and board of TCRC are:

President:	Tim Len
Vice President	Mark Wolf
Secretary	Curtis Beaumont
Treasurer	Tim Wirtz
Board Seats:	Gerry Dunne
	Paul Doyle
	Corey Kaderlik

A big thank you to all of the members who decided to be candidates for elected positions in the club and for their commitment to serve TCRC. Also a big thank you to all of the members who came to the meeting to exercise their right to vote and choose the new leadership for the club. J

## Calendar

- |         |  |
|---------|--|
| Dec. 11 | Shop Tour, 1:00 PM<br>Gerry Dunne  |
| Dec. 14 | Membership Meeting, 7:00 PM<br>Fellowship Hall<br>CrossPoint Church<br>Bloomington |
| Dec. 15 | AMA Dues Deadline<br>To Insure No Service Interruption                             |
| Dec. 25 | Merry Christmas  |
| Jan. 1  | All Season Flyer Kickoff, 10:00 AM<br>Jordan Field                                 |
| Jan. 15 | Shop Tour, 1:00 PM<br>Wayne Rademacher   |
| Jan. 28 | 1 <sup>st</sup> Qtr. Board Meeting<br>Gerry Dunne's House<br>7:00 PM               |
| Feb. 12 | TCRC Auction<br>CrossPoint Church<br>Bloomington                                   |

# Metrodome Flying Dates

MARCEE (Minnesota Area Radio Control Electric Enthusiasts) has been able to obtain flying dates at the Metrodome again for 2010 and 2011. The dates in December are:

Date	Time
Wednesday, December 1	6:30 AM to 4:30 PM
Monday, December 6	6:30 AM to 4:30 PM
Tuesday, December 7	6:30 AM to 4:30 PM
Wednesday, December 8	6:30 AM to 4:30 PM
Thursday, December 9	6:30 AM to 4:30 PM
Monday, December 13	6:30 AM to 4:30 PM
Tuesday, December 14	6:30 AM to 4:30 PM
Thursday, December 23	6:30 AM to 4:30 PM
Monday, December 27	6:30 AM to 4:30 PM

MARCEE is hopeful that January dates can be obtained also.

## Dome Flying Rules & Parking Information (updated 11/16/2010):

### Rules:

- Current AMA required, checked, and double checked.....no exceptions! Renew now - faxes from AMA will be accepted as proof of membership.
- No gas powered aircraft. Electric only.
- 20/20 rules apply (no more than 20oz and/or 20mph) Contest Director (CD) has final say.
- Transmitters will be impounded.
- MARCEE members and their friends (accompanied by a member) ONLY! We have also invited the MRCSS and the Free Flight group to come and if they have an indoor plane, we will let them fly.
- Non MARCEE members are welcome to come and watch.
- There will be 8 flight stations spread out along one side of the field.
- Dual conversion receivers are highly recommended.
- A separate electric helicopter area will be identified, but no forward flight will be allowed.
- No charging of any battery on the turf of the Metrodome. Charging shall be on the warning track or the concrete, with a wooden, masonite or similar board to protect the underlying surface from damage.
- Cost will be \$5 per person to offset insurance and other costs payable to the CD.

### Parking:

Parking is free in the reserved lot on the east end of the Metrodome. The driveway is just north of the intersection of 5th St and 11th Avenue. It goes down to the Loading Dock and up to the parking lot. You want to drive up the ramp/driveway and park in spaces numbered 338 thru 413. There is a small building at the top of the ramp/driveway with a door to stairs leading down to the loading dock and to the Halsey Hall Room. The guard at the loading dock can tell you how to get down to the playing field. **J**

## Shop Tour Schedule Announced

by Gerry Dunne

The very popular touring of other members' airplane shops will again be done in the upcoming year. Gerry Dunne has assumed the chairmanship in arranging for the tours and has announced the following schedule:

December 11	Gerry Dunne
January 15	Wayne Rademacher
February 19	Corey Kaderlik
March 12	George Toon
TBA	Kris Hanson Tour and Campout

A lot can be learned by seeing how your fellow club member arranges his shop and stores his airplanes. Mark your calendars and make a point to be a participant in this year's Shop Tour season. **J**



# New Members

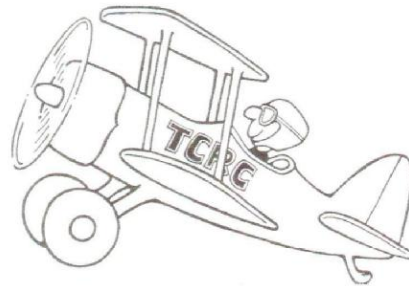
by Pat Dziuk

With the approach of the new year comes new members to TCRC.

Tom McMahon joined the club in November. He lives with his wife Lanita at 6497 Bonner Court in Inver Grove Heights, 55076. Their phone number is 651-457-6665 and his e-mail address is [tpcmahon@gmail.com](mailto:tpcmahon@gmail.com). Tom has been flying for less than one year and currently has a .46-size trainer on mode 2.

Dave Parrish also joined the club in November. He lives with his wife Patty at 1894 South Pointe Terrace in Eagan, 55122. Their phone number is 651-681-8658 and his e-mail address is [dmparri@comcast.net](mailto:dmparri@comcast.net).

If you see Dave and Tom at the field or a meeting, be sure and introduce yourself and welcome them to TCRC. J



## TCRC'S 35<sup>TH</sup> ANNUAL AUCTION

TWIN CITY RADIO CONTROLLERS - MINNEAPOLIS AMA CLUB 3383

**SATURDAY - FEBRUARY 12, 2011**



### 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 [auktion@tcrconline.com](mailto:auktion@tcrconline.com)  
More info at [www.tcrconline.com](http://www.tcrconline.com)

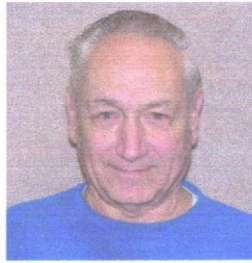
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# Safety At The Field

By Larry Couture



Well there is not much happening this time of year except for building more models for later. I did fly one day after the field cleanup from a FALL !! flood. There were two other flyers there and we did have a good day until the wind arrived in force and sent us packing.

There is a little snow on the ground and it looks like we have a good start for flying with skis. The field road and parking lot will be plowed after snowstorms so we can get to the field for flying. The followings things must be watched closely this time of year so I will give us all some things for flying safely. The weather is cold so you have to dress warm and this will mean bulky coats and such which, if not watched very closely, can be pulled into the prop.

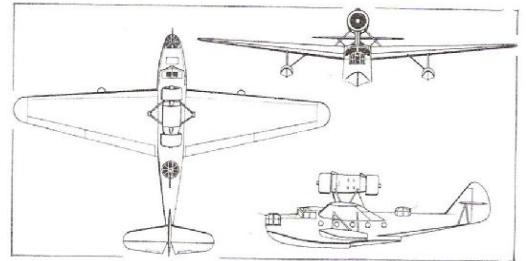
The hands also get cold very quickly and frostbite happens way too fast so be aware that that can happen along with feet and face. So just be extra careful during the winter months.

I am hoping that next week the wind will stop or slow down and the weather will be somewhat nicer so I can go do some winter flying on the planes I have been putting skis on. I have already put together three planes, two electrics and one glow, and I am running out of room to store very many more, so may the winter be short and nice for flying.

Winter rules are just be careful and make sure all others know what you are doing or going to do, so shout loudly and clearly and wait for answers, and all will go just fine and safely.

Keep the skis down, and all landings from which you can fly again are great but not always graceful. J

## December Mystery Plane



**Hobby Warehouse**  
 7144 Chicago Ave S  
 Richfield, MN 55423  
 612-861-5587  
 MyHobbyWarehouse.com  
 hobbywarehouse2@aol.com  
 Hours: Mon-Fri 10:00-7:00, Sat 10:00-6:00, Closed major holidays

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Stop In Today To Find Out 'The TCRC Special Of The Month'

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

## Tom and Tynan Thunstedt Alive And Well

Hi guys...just wanted you to know we now have a house in North Charleston, South Carolina.

5437 Langston Park Dr.  
No. Charleston, SC 29420

Tynan and I joined the RC club at the following link:

<http://charlestonrcsociety.org/>

I love the field...it's grass and fun to fly on. One of the members has a Hobby Shop in his big garage. Really...his place would give Jeremy a run for his money!

Tynan and I think of you weekly when we go out to fly. We miss Minnesota a lot. Of course it was 75 here today...

The new job at Boeing is GREAT and I get to work on the world's most advanced airliner.



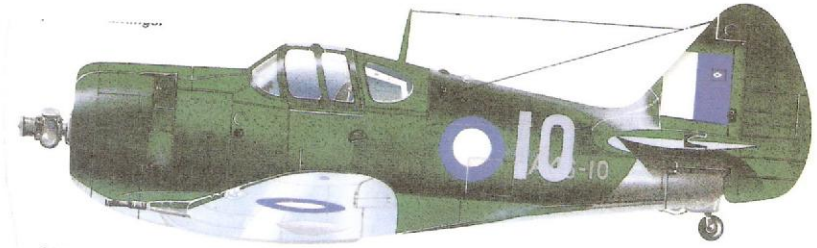
**Tynan enjoying our new flying site. (Photo by Tom Thunstedt)**

Pat...if you would be so kind, I know this is Tynan's 5<sup>th</sup> year in the club...would you please send his patch to us after the banquet? He has been looking forward to having his TCRC 5-year patch for a long time.

## Commonwealth 'Boomerang'

by Conrad Naegele

The November Mystery Plane was the Australian Commonwealth 'Boomerang'.



Japan's entry into WWII found Australia ill-prepared, with only a few obsolete Brewster Buffalos, based in Malaya. However, Australia had a license to build the Wirraway, based on the North American T-6 (NA-16), and this permitted rather extensive modifications. Wing commander Laurance Wackett used the entire wing, landing gear, and tail group to produce a new single seat fighter. Order was placed in February, 1942, and so many Wirraway components were used, and the new plane flew in May, 1942.

Only one engine was available, the proven but inadequate Pratt and Whitney R-1830, 1,200 horsepower. The plane used a single-spar stressed-skin wing, steel tube fuselage with removable panels, and light alloy fabric control surfaces. Armament was the same as the Spitfire V, 2-20 mm canon, and 4-303 caliber machine guns. Also provided was a bulletproof windscreen, pilot back armor, and self sealing tanks.

The planes first flew in May, 1942, just as the Japanese were hammering on Australia's shores. The plane was used throughout the South Pacific, carrying 500 pound bombs, and rockets. During this time, pilots reported outstanding maneuverability. Even after updated fighters were available, the Boomerang continued to be a fighter of choice and continued to the end of WWII. Never has a stopgap fighter, that on paper looked hopeless, been such a popular machine with the men who went to war in it!

The Boomerang had a wingspan of 36 feet, a gross weight of 8,249 pounds, a top speed of 305 mph, and a range of 1,600 miles. **J**

Please give everyone our regards. I hope you are up and walking better now Wayne.

The attached picture was taken last weekend.

See ya in the skies!

---- Tynan and Tom

**J**

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## Making Room For The Snow?



At the November 6<sup>th</sup> field clean-up the remnants of the Minnesota River were removed from the runways. The work crew did a great job of getting them ready for flying, but Mother Nature quickly replaced the silt with some fine white snow. Better get some skis on your plane. J

### 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.

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