



January

Minneapolis, Minnesota U.S.A.

2010

All Season Flyers Ring Out The Old Year At Jordan

by Jim Cook

On Saturday, December 5th a few TCRC'ers showed up at the Jordan Field for the All Season Flyer Finale.



Most of the flyers took time for a quick picture on December 5th.
(Photo by Jim Cook)

The weather was pretty cool and the sky gray and overcast but at least the wind wasn't in attendance. Start time was scheduled for 11:00 AM but a lot of the pilots had several flights in when that time arrived.

This was the scheduled December flight for the All Season Flyers. That doesn't mean that if they didn't show up they lost their status. Each cold weather month the guys try to schedule a day so that obtaining your AMA ASF patch is a little easier. To qualify for an AMA All Season

Flyer patch, a pilot must put in at least one flight outside in every month of a calendar year. In Minnesota, this is a pretty daunting feat! TCRC has lots of members who are multiple-year ASF's, and in 2009 several actually completed their 15th year in a row!

Flying in the winter months used to be a lot harder back when electric planes were not much of a reality. To get a glow or gas engine started in the cold took some time, and then the needle valve needed to be adjusted for the colder conditions. This meant the pilot had to put his bare hand in the prop wash to make that adjustment. Fingers didn't just get cold, they got brittle! With the advent of the electrics, I pilot just grabs his plane out of the warm car, plugs in the lipo battery, and then the plane is up, up and away. The only thing affected by the cold (at least on the airplane) is the lipo battery. Care must be taken to not let the battery sit out in the cold between flights.

Most of the pilots at the field on this day had electrics, but Mike Timmerman and Pat Dziuk showed their mettle by each also having a 60-size glow-powered Stik to fly.

On this day the field had only a dusting of the white stuff, so wheels were the order of the day. Tom Thunstedt and son Tynan each put in

Continued On Page 3, Col. 1

Ramblin's From The Left Seat

by President Steve Meyer



Seasons Greetings! I hope Santa was good to all of you this year. I know some of us have that winter building project to get back to after the holidays. I also know we all have that "forgotten" kit on the shelf, so let's get it down and dust it off and get building. January will be the start of a new flying season and I hope to see some of these airplanes at the Jordan field this year.

This is also the time of year to do the maintenance on the planes we've been flying. Check and cycle those batteries, and if any are weak, replace them. Aircraft structures should be looked at after all those "not so gentle landings" and tighten all those loose parts so something doesn't fall off at the wrong time. Don't forget to look at the engines and fuel systems. Some of our older airplanes need a little more care to keep them airworthy but this pays off with lots of good years of flying.

If you have any airplanes that you don't want to fly or kits you don't want to build it may be time to move them on and put a little cash in your pocket. TCRC is holding its annual auction at Cross Point Church, Bloomington on Saturday February 6th and we need your RC stuff (as long as it's worth \$20 or more). We also need YOU to help at this event. On Friday we will be setting up and on Saturday is the auction so plan on attending.

The new TCRC event calendar is out for 2010 (and printed in this newsletter and on the website) so check it out.

I want to thank everyone who contributed to TCRC programs and events this past year. I look forward to your participation in the coming year. 2010 looks like it will be great!

In Minnesota we don't stop flying in the winter...The field is open....so it's time to put on the skis and come out to our winter events. January 2nd the 2010 All Season Flyer Kick-Off event will be held at Jordan field if the weather cooperates. (10-10-10 Rule: If at 10 AM the temperature is 10 degrees or warmer and the wind is 10 mph or less, then we fly.) The All Season Flyer in February will be held on the 20th.

Shop tours will be happening again this year and Gerry Dunne is inviting us to his new shop on January 16th at 1:00pm. We have

openings for other people to show off their shops so please volunteer at the next meeting if you want to sponsor a tour.

Remember to bring your ideas and projects to the monthly meetings and I will see you there. Also remember your annual TCRC and AMA dues are now due. ☺

TCRC Dues Renewal

The TCRC board of directors voted to keep the 2010 club dues at the same level as the 2009 dues. They are:

- Regular \$75.00
- Junior \$37.50

Dues payments are due on January 1, 2010. 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:

Tom Thunstedt
13313 Oliver Avenue S,
Burnsville, MN 55337

Take the time to pay your 2010 TCRC dues today and secure your discount. **J**

AMA All Season Flyer Finale

Continued From Page 1

several flights on their electrics. Rick Smith got in a few flights on his electric to complete his 15th consecutive year as an all season flyer before rushing home.

Flying was pretty uneventful until Jim Cook arrived. He had his e-Flite 25e Ultra Stick that was a replacement from the identical one that lost its wing in August at Park Rapids. Jim had assembled the plane last September but hadn't had a chance to fly it until this day. While setting it up in the shelter he remarked to Mike Timmerman that the ailerons seemed to have way too much throw. He flicked the dual rate switch and remarked that the low-rate aileron didn't seem to have enough. Instead of changing the throws he opted to take off in low rate, which he did, and immediately learned he didn't have enough aileron. A quick flick of the DR switch and he just as quickly learned he had tooooooo much aileron. This resulted in a premature meeting of the plane with the ground and the subsequent destruction of the plane (including one lipo). If Safety Officer Larry Couture would have been present, he would have said, "Next time make the change when you know something is wrong!"

January starts a new ASF year. Plan on being an AMA all season flyer in Minnesota in 2010. It is a lot of fun and keeps your flying skills nice and sharp. The 2010 ASF Kickoff is scheduled for Saturday, January 2nd at 11:00 AM. ©

Even An Electric Motor Needs A Little Adjusting



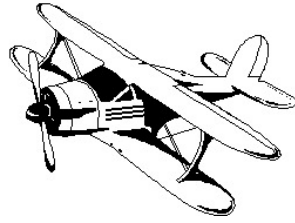
Tom Thunstedt does a little pre-flight on his plane before heading into the air at the All Season Flyer Finale. (Photo by Jim Cook)

Glow-Engine Winter Flying Isn't For Wimps!



Mike Timmerman and Pat Dziuk proudly flew their glow-powered 60-size Stiks at the ASF Finale. (Photo by Jim Cook)

Show & Tell



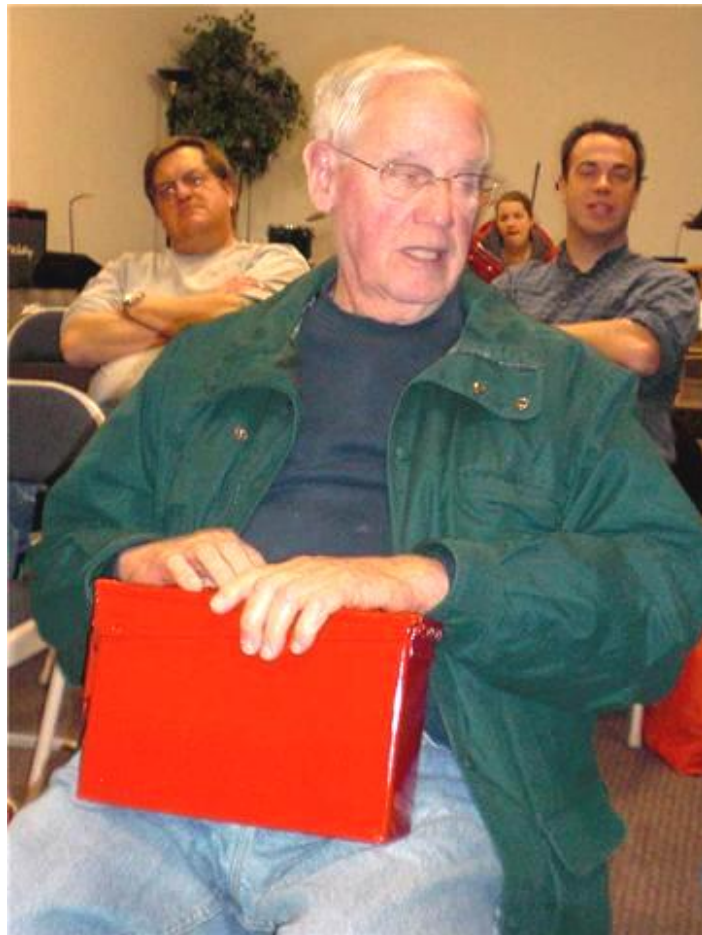
Bad weather on Tuesday night, December 8th caused a pretty low turnout for the regular meeting, and thus only a couple of items for Show & Tell. This also brought to an end Paul Doyle's unbelievable streak of having a new airplane to show at the last zillion meetings!

commented that the blade/hub mechanism is very close to what is used in a full-size adjustable pitch propeller.



Solo Propellers was originally in Canada but had closed its doors in late 2008. They re-opened under new ownership in Florida this summer and are very active. They make 2-blade, 3-blade and 4-blade GAP hubs that can be used on engines from 10 cc to 250 cc. Scott's prop has 24" blades and will be used on one of his F4U Corsair projects.

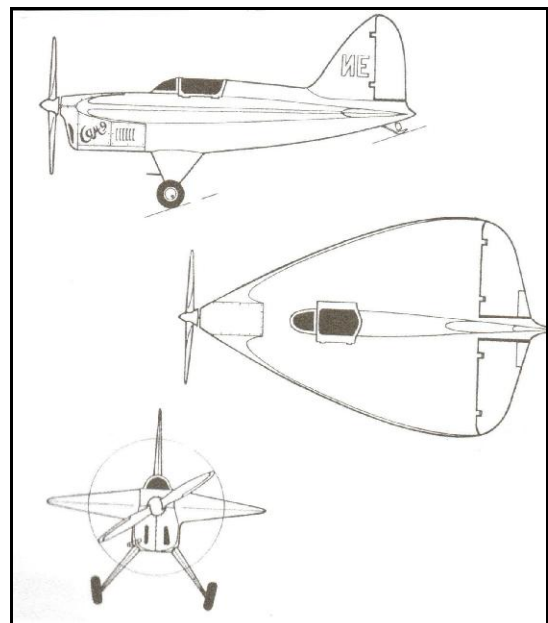
(Editor's Note: I was on my way to the meeting on Tuesday night and turned back when I found out that Highway 169 was more of a skating rink than a road. Thanks to Scott Anderson for filling in for me by acting as photographer and also as Ace reporter.) ☺



Conrad Naegele showed a surplus metal ammunition case he had repainted red for use in safely charging and storing Lipo batteries.

Scott Anderson showed his Desert Aircraft DA-85, 85 cc engine with a SOLO (brand) GAP (ground adjustable propeller). The SOLO Prop consists of a machined hub that allows different length blades to be installed and then allow the pitch to be set so the propeller can be best tuned for the engine and airplane. A side benefit is that it looks very much like a scale Hamilton Standard propeller. Mark Wolf

January Mystery Plane



The Co-Pilot's Report

by VP Wayne Rademacher



With my CNC project coming to a close.....I am looking to jump back into plane building, seems I miss the smell of CA and epoxy J The plan is to assemble a few ARF's, build a plane from a kit and perhaps even scratch build one that I have been eyeing up for awhile.

If all going as planed, my hanger should have the following planes by spring:

- Great Planes Nieuport XI (complete – flies beautiful)
- Pilot-1 Stinson 108 (my new float plane)
- Hangar 9 P-51D Mustang-Blue Nose (big electric)
- Page Aviation 80" SuperCub (kit build)
- Scaled down "Curare" – Hanno Prettnner's 70's pattern plane (scratch)

Not sure I can get these all done by spring, but I plan to give it a try.

Remember the auction is just around the corner, this is a great venue to both empty and refill your hangar. I am going to try and use the upcoming auction as an excuse purchase a bunch of new aircraft....will let you know if the wife accepts my line of reasoningJ The auction also requires all of us to pitch in and do our part so that the very busy day goes like clockwork. Make sure you are going to be at the auction.

For the January program Gerry Dunne is going to give us a presentation on all aspects of pylon racing, from the construction of the planes and the choosing of the motor/prop/electronics, to the actual competition. This should be a really informative and interesting presentation. It will be great to get more of you guys into pylon racing in 2010.

Looking forward to bring in some new planes for "Show N Tell" J

Happy New Year!!!

TCRC Has New Historian

Long time member Scott Anderson has stepped forward and taken over the Club Historian duties.

Jim Ronhovde has been the club historian for many, many years and decided in 2009 that it was time to give the club's record and history files to a successor.

Scott hit the decks running by awarding club members there service award patches at the December 8th meeting. Members are given patches for every five years they have been in the club. Jim has kept meticulous records on club membership and it was easy for Scott to make the awards.

A big thank you to Jim for all of past service as club historian, and another big thank you to Scott for taking over that position. ☺



2nd Annual
SWAP MEET
ELECTRIC R/C AIRPLANES & GLIDERS

NO ADMISSION OR TABLE FEES
MARCEE is hosting to say thanks for your participation and support.

When: Saturday January 23rd, 2010
10 a.m. to 1 p.m.

Where: Immanuel Lutheran Church
104 Snelling Ave. S.
St. Paul, MN 55104

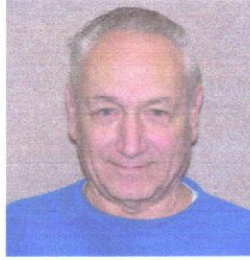


Take Snelling south from I-94.
The church is located one block south of Grand on the left

QUESTIONS: Contact Steve Mundt at 651-646-2195
www.marcee.org

Safety At The Field

By Larry Couture



Well here it is the end of December and the end of 2009. I am sitting here this morning with the heat on looking out the window at a lot of white, (snow that is) in my front yard. It seems like you could use skis on an airplane and go flying. So, with that in mind the field should be plowed to the parking lot and the white should be all over the field. Now this is when the electric guys have a great advantage as their motors start instantly, and they don't get fuel on their hands or put their hands in that very cold prop blast to adjust the carb.

We have had a great year so far in respect to safety and I hope we can keep the good work up in the future. Some of our members go south for the winter or part thereof and we will miss them. Spring and the return of the warmth will bring these snowbirds back.

The hearty year-round flyers will be at the field along with a few of us wimps each month so they can get their All Season Flyer patches. Safe-wise, the rules and common sense still apply when the field is covered with snow, but we do need to make a few changes for runways because of footprints and tracks and conditions of the snow, so please be careful.

FOR ALL MEMBERS NEW AND OLD:

The field rules are printed in the front of the roster and on a large board in the shelter at the field, along with no smoking signs. I suggest that all members should read them from time to time just to refresh the memory. 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.

Get those skis on and get out to the field!!! ☺

TCRC Auction February 6th

The biggest RC airplane auction in the upper Midwest will be held on Saturday, February 6th at CrossPoint Church at the intersection of 98th Street and France Avenue in Bloomington.

This will be the 34th time that TCRC has held the auction, and it is well attended by hobbyists from Minnesota and its surrounding states.

Club members will be setting up the church on Friday evening. Doors will open to the public at 8:00 AM on Saturday for registration. The actual auction will begin at 9:30.

The auction is the biggest project the club takes on and requires all of the manpower (and womanpower) available to make it go smoothly. Please plan on being a worker at the auction. Areas needing personnel include concessions, impound, bidder registration, seller registration, spotters, runners, and data recording.

TCRCOnline.com has complete information on the auction including a map, bidding and selling rules, and advance registration for sellers. Advance registration will be available on the website from December 30th through February 4th.

Plan on being a worker, a buyer and a seller at the TCRC Auction on Saturday, February 6th. ☺

**Be At The Auction
February 6th**

All Season Flyer Kick-Off January 2nd

2010 TCRC Events Calendar

With the arrival of 2010 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 2, 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.

Date	Event	Remarks
January 2	2008 All Season Flyer	Jim Cook, 11:00 AM
January 12	Membership Meeting	7:00 PM Cross Point
January 16	Shop Tour	Gerry Dunne, 1:00 PM
January 26	1 st Qtr. TCRC Board	7:00 PM Steve Meyer's
February 6	TCRC Auction	7:00 AM CrossPoint
February 9	Membership Meeting	7:00 PM Cross Point
February 20	All Season Flyer	Gerry Dunne
February 27	Shop Tour	Scott Anderson, 1:00 PM
March 6	Winter Fun Fly	Jim Cook
March 9	Membership Meeting	7:00 PM Cross Point
March 27	Shop Tour	Corey Kaderlik, 1:00
April 3	April Fool's Fun Fly	John Dietz
April 13	Membership Meeting	7:00 PM Cross Point
April 17	Shop Tour	Larry Couture, 1:00 PM
April 27	2 nd Quarter Board Meeting	7:00 PM Steve Meyer's
May 1	Jordan Clean-Up & Fly In	9:00 AM
May 8	Spring Float Fly, Bush Lake	Dave Erickson, 11:00
May 11	Membership Meeting	7:00 PM Cross Point
May 29	Building Contest/Fun Fly	Jay Bickford
June 8	Membership Meeting	7:00 PM Cross Point
June 12	TCRC Open House Fly In	Steve Meyer
June 26,27	Electric Fly-In & Camp Out	Gerry Dunne
July 13	Membership Meeting	7:00 PM Cross Point
July 17,18	Air Expo 2010	Scott Anderson
July 20	3 rd Qtr Board Meeting	7:00 PM Steve Meyer's
July 24	Big Bird Fly-In	Chris O/Steve M
August 10	Membership Meeting	7:00 PM Cross Point
August 13-15	Northern Alliance Fly In	Owatonna
August 20-22	Wisconsin Fly In	Bill Sachs/Jim Cook
August 28	Model Aviation Day 2010	Scott Anderson
September 14	Membership Meeting	7:00 PM Cross Point
September 18	Fall Float Fly, Bush Lake	Dave Erickson, 11:00
October 12	Membership Meeting	7:00 PM Cross Point
October 16	Season Finale	Corey Kaderlik
November 9	Meeting & Elections	7:00 PM Cross Point
November 13	TCRC Banquet	Saturday, 5:00 PM
November 30	Joint Board Meeting	7:00 PM Steve Meyer's
December 4	All Season Flyer Finale	Pat Dziuk, 11:00 AM
December 14	Membership Meeting	7:00 PM Cross Point

Note: Plyon and Combat dates to be added.

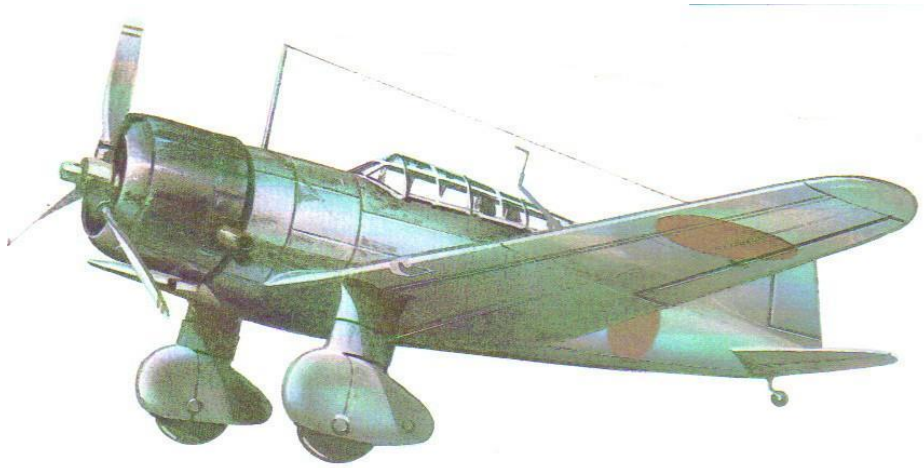
This is your year to become an AMA All Season Flyer! ☺



Mitsubishi KI-15 'Karigane'

by Conrad Naegele

The December Mystery Plane was the Japanese Mitsubishi KI-15.



The KI-15 (Army type 97) owed its inception to a Lt. Col. Yuzo Fujita, who collaborated with Mitsubishi engineers Kono, Kubo and Mizumo (sounds like an early 30's Vaudeville troupe). It was the first strategic recon aircraft adopted by any air force! First flight was in 1936. Now, the second prototype was purchased by the Asahi Shimbun newspaper and proceeded to fly from Tachikowa to Croyden, England, 9,545 miles in April 1937, in approximately 51 hours!

The military KI-15 was a clean, low-wing monoplane, trousered and spatted undercarriage, with a 640 horsepower Nakijima radial engine. Pilot and radio operator (gunner) sat in a large greenhouse. While the airplane was of 'ordinary' design and construction, the sum was far better than its parts would indicate. It had outstanding performance and Army and Navy pilots reported it was great to fly. It could outperform contemporary planes of the time such as the Gloster Gladiator and the Polikarpov I-15, which had been flown in comparison flight. A 1,050 horsepower Navy version had attained 329 mph.

The Japanese Navy ordered almost 100 planes and fitted them with a number of engines, most commonly a 950 horsepower Sakei radial, identified as a C5M1. The planes were variously identified as 'Karigani' (wild goose), or 'Kamakaze' (divine wind). A total of 439 were built, and saw service throughout the South Pacific, well into 1942. It was given the Allied code word, 'Babs'.

Now, with its moments, and its overall pleasing design, and sorta looks like an airplane should look like, it seems like a talented modeler could make a nice 1/4 or 1/3-scale model!!

The KI-15 had a wingspan of 39 feet 4.5 inches, a gross weight of 5,170 pounds, a range of 691 to 1,491 miles and a speed of 303 mph. For armament it carried one 303 cal. machine gun. ☺

Paul Hirsch In The Hospital

Long time TCRC member Paul Hirsch was taken seriously ill just before Christmas and is hospitalized at Fairview Ridges in serious condition.

Paul's wife Jan let members of the club know and gave us a link to get reports on his condition. That link is caringbridge.org. When you get to Caring Bridge's home page, click on 'visit' located in the upper left corner. Once you do that, enter 'paulhirsch' and you should arrive at Paul's page which is being maintained and updated by his daughter.

In reading the updates, Paul's condition seems to be improving daily and there is good cause to be optimistic on his recovery.

Our prayers and best wishes go out to Paul, Jan and his family.

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 Raffle Ready To Go

by Gerry Dunne

With the arrival of the new year, we know the TCRC Auction and the TCRC Raffle can't be far behind. February 6th is the date for the auction, and we hold our raffle at that auction.

Gerry Dunne and Gerry junior are again chairing this event and they already have the prizes put together:

- Spektrum DX6I Radio with AR 6200 Receiver
- OS Max 40 LA engine
- Park Zone P51 Mustang BL RTF with Radio System
- 5 Bottles of Thick CA
- 2 Bottles of Zap Foam Safe CA
- 5 \$5 Gift Certificates
- 2 6-can Soft-sided Coolers
- 6 Can Coolers

All of the prizes were obtained from Tom Steinmueller at Hobby Warehouse for a very reasonable price.

Each member will be receiving 15 raffle tickets in the mail that they are expected to sell or to buy. This pre-sale is very important to the success of the raffle. Please get your money back to Gerry prior to the raffle. Remember, you do not need to be present to be a winner at the raffle. John and Kathy Dietz, and Kiera and Gerry Junior printed the tickets and got them into the envelopes for mailing, using labels printed by Pat Dziuk. A big thank you to all of these volunteers for their time and effort.

With all of these great prizes, let's make the 2010 Raffle the biggest and best TCRC has ever had. ☺

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

Specializing in "AIR" RC Hobbies

LOWEST PRICES IN TOWN

Thomas Steinmueller

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**January Special -- E-Flite Blade MCX Helicopter
 This is RTF including Transmitter -- \$84.99 Complete**

2010 AMA Dues Statements

All TCRC members should have received their 2010 dues statements in the mail 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; 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

Calendar

- Jan. 2 2010 All Season Flyer Kickoff
11:00 AM
Jordan Field
10-10-10 Rule

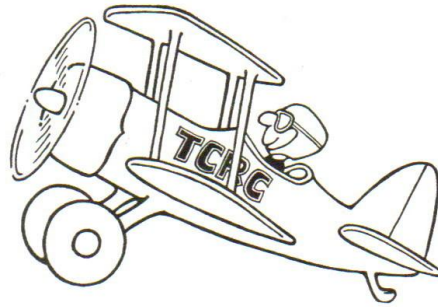
- Jan. 12 TCRC Membership Meeting, 7:00 PM
Fellowship Hall
CrossPoint Church
Bloomington

- Jan. 16 Shop Tour
Gerry Dunne
1:00 PM

- Jan. 23 MARCEE Swap Meet, 10:00 AM
Immanuel Luthern Church
104 Snelling Ave. S
St. Paul

- Jan. 26 1st Quarter Board Meeting
7:00 PM
Steve Meyer's House

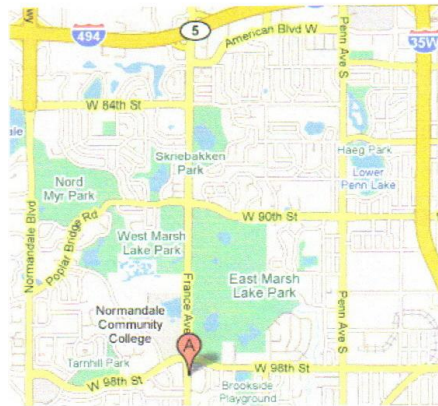
- Feb. 6 TCRC Annual Auction
CrossPoint Church
Bloomington



TCRC 34th ANNUAL AUCTION

TWIN CITY RADIO CONTROLLERS – MINNEAPOLIS AMA CLUB #383

SATURDAY - February 6, 2010



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!

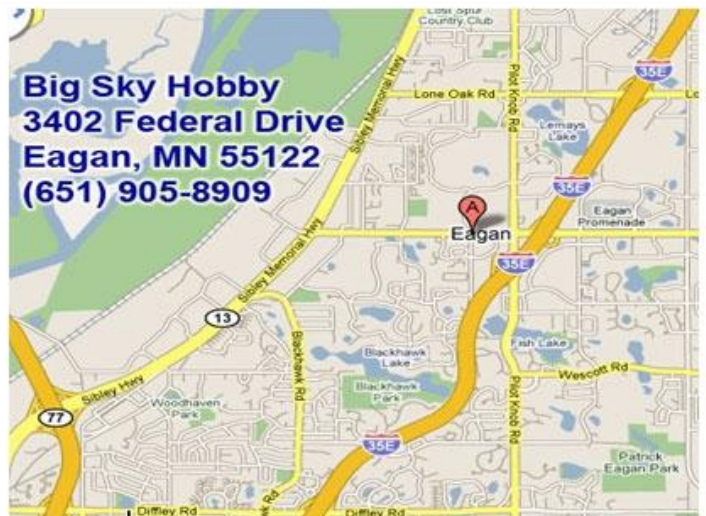
- Hot Coffee & Donuts
- Soda/Pop
- Hot Dogs & Chips

Questions?

Call Jim 952-445-5257 or Scott 952-934-1471
Email auktion@tcrconline.com
More info at www.tcrconline.com



Open Monday thru Saturday, 10 am - 6 pm
Have Special Orders or Questions?
Contact: Jeremy@BigSkyHobby.com



TCRC'ers Receive Club Service Awards

by Scott Anderson

At the December 8th membership meeting TCRC new club historian Scott Anderson presented the 2009 Service Award patches to those members that qualified for them. Unfortunately December 8th was a very unpleasant weather day and the attendance at the meeting was pretty light.



Mark Wolf receives his 15-Year TCRC membership award from president Steve. (Photo by Scott Anderson)

According to Scott, the following members will receive their service awards this year:

30 Year

- Jim Ronhovde

25 Year

- Bill Sachs

20 Year

- Vice Anderson
- Gerry Dunne
- Bob Swenson

15 Year

- Rick Smith
- Mark Wolf

10 Year

- Mike Burk

5 Year

- Gerry Dunne Jr.
- Kiera Dunne
- Daniel Olberg
- Todd Schwartz
- Tom Thunstedt



Mike Burk receives his 10-Year membership patch from president Steve. (Photo by Scott Anderson)

For those members who were prohibited by the snow from making it to the meeting, Scott will make sure that you will receive your patches at a future meeting.

Thanks to Scott, a member already with a lot of history, for becoming the TCRC Club Historian. He succeeds Jim Ronhovde who held that position for many, many years. ☺

Pay Your 2010 TCRC Dues Today

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

Checkers Anyone?



Mike Timmerman displays the underside of his plane and the very intricate black and white checkerboard. He explained that each square is about one square inch and put together by hand. At the time he did this he was not aware you could buy covering in checkerboard pattern. ☺

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.

2010 Officers

President	Steve Meyer	952-448-5877
Vice President	Wayne Rademacher	952-758-6246
Secretary	Pat Dziuk	952-445-3089
Treasurer	Tom Thunstedt	952-894-6146

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