



December

Minneapolis, Minnesota U.S.A.

2018

TCRC Banquet Just Gets Better And Better!

by Jim Cook

The TCRC Banquet Committee, which this year again consisted of Bob and Jayne Breisemeister, Jim and Jackie Lundquist, and Chris O'Connor and his significant other Nancy, outdid themselves this year putting together just a fantastic event filled with good food, loads of fun, great games, and a whole bunch of neat prizes.



President Bob started he program after everyone had enjoyed a very nice buffet meal at David Fong's Restaurant. (Photo by Jim Cook)

TCRC members and spouses started arriving at David Fong's Restaurant in Prior Lake at 5:00 PM on Saturday, November 17th, and they were greeted at the door by the smiling faces of Jackie Lundquist and Jayne Brieisemeister. As they checked in and headed for their

tables, they passed the prize table which had lots of great airplanes and R/C stuff, but also some neat gifts for the spouses.

Upon sitting down at their table, each person found a picture to color, a match the logo with the plane quiz, an airplane trivia game, and a blank sheet of paper to be turned into a paper airplane. It was optional if a person wanted to participate in any of these activities, but participation was rewarded with tickets for the prize raffles, so 100% of the group partook.

There was a cash bar for everyone, and a hors d'oeuvres buffet that had some great Chinese treats.

At 6:00 PM the entrée buffet opened, and David Fong's did its usual fantastic job of feeding the group. No one went away hungry!

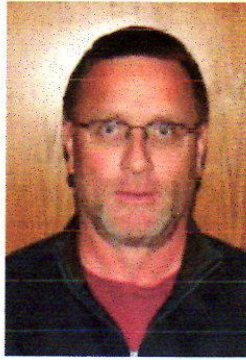
President Bob reconvened the meeting after dinner, and as is tradition, did a 'year-in-review' for the TCRC season. 'Water' was mentioned prominently and quite often during Bob's year-in-review!

Bob also introduced the new TCRC board of directors and thanked the outgoing board for its service. This year these two boards were one in the same.

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A Note from The Head Wing Nut

By Bob Briesemeister



TCRC Members

November is gone and the winter solstice is just 21 days away and then the days will be getting longer. I know that November is usually the cloudiest month of the year and it definitely lived up to its reputation, and was cold to boot. Remember the field is open to flying year-round but if your airplane should happen to land in the woods, please put on an orange vest before going in to look for it. We do not want you to be mistaken for a large buck.

The annual TCRC banquet was held last month and fun was had by all. There were 53 members, spouses and friends that were in attendance. We played games, flew paper airplanes and even did some coloring to acquire tickets to try and win our favorite prize. If you were not able to attend, put it on your calendar for next year. With that said there are a few people that I would like to thank. Jim and Jackie Lundquist are always willing to come early to help set up and help out 'til the end. The table games this year were done by Chris O'Connor and Nancy Johnson and were a lot of fun. Last, but not least is my wife Jayne for helping me with the lady's gifts, working the check-in table and a lot of little and big things all year long.

The big beaver hunt/removal has begun. I have been going out and working on the beaver dams on and off this fall and talking with Brian Johnson who was willing to help. We went out the Friday after Thanksgiving and was able to work on the two main dams. We also located a few more problem areas that were holding back water. I contacted the DNR conservation officer and he informed me that we can remove the dams and the beavers as we see fit as long as they are on private property. He also gave me the name of a local trapper which I contacted and met with and has started setting traps today. By eliminating the beaver problem, it will lower the water table under the field and help it dry out faster, at least that is the theory.

The board will be meeting in December to set the calendar and budget for 2019. We hope to have your 2019 club dues statement ready by the December membership meeting. If you have any changes or input for next year please contact me or any board member.

The next big event is the 43rd TCRC Airplane Auction to be held on Saturday the 2nd of February with set up on Friday the 1st. This is the largest RC Airplane Auction in the region. We need all of our members to do their share in pulling off an event of this size. Buyers and sellers come from the 5-state area. There is work to be done from Friday night set up and check in to Saturday tear down and clean up. I know that everyone is busy but please put this on your calendar. We can use everyone's help.

As at every meeting, you can bring a project or airplane you are working on to share and talk about. This is building season. See you at the meeting on December 11th. **J**



Brian Johnson working on the beaver dam, Dave and Al setting traps, and handiwork of the beavers. (Photos by Bob Briesemeister)

TCRC Annual Banquet

Continued From Page 1

Bob then 'graded' the 'logo' quiz, awarding raffle tickets to all who participated, and more tickets to those who scored the highest on the quiz.

The trivia questions were then reviewed and participants and top scorers awarded more raffle tickets.

All of the colored airplane pictures had been put on the wall and everyone had to vote on the nicest looking picture. The winning drawing went to none other than Gabbe Nestaval (granddaughter of Larry and Joyce Couture) who has taken on the job of Vanna the last few banquets.

Next came Jeopardy with Vanna (Gabbe) assisting Bob. Questions were for each table, and each person could win one, two or three raffle tickets (depending on difficulty) if the table answered the chosen category correctly. If not, the next table got a chance, etc. Tim Wirtz, although not present, had assembled the questions, all of which were on airplanes, except for the category 'Minnesota'. Strangely enough, the Minnesota category questions were the first to be chosen. Tim had done a great job with the questions as several of the 3-pointers completely stumped the audience.

The next chance to win raffle tickets came when all of the wannabe aero-engineers got to test fly their airplane endeavors. Distance and

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The Airplane Raffle Prizes Had The Members Drooling



The Banquet Committee had procured some great looking airplane ARF kits for the raffle. (Photo by Jim Cook)

The Coloring Contest Uncovered Some Interesting Artistic Talents



Great looking airplanes were created. (Photo by Jim Cook)

Annual TCRC Banquet

Continued From Page 3

accuracy won more tickets. Just participating got you a raffle ticket also.

Dessert time arrived, and the committee had two custom made TCRC cakes for everyone. The cakes were made from cupcakes and the group made short work of this delicious dessert.

Bob asked Jim Cook to come forward and to present the Walt Billett Award to the 2018 winner.

This award is given to that person who has best personified the purpose of TCRC: "To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes." Jim did come forward, explained that the winner was not present, swore everyone to secrecy, and then made the presentation in absentia. The actual award to be presented at the next meeting.

The events came to a close and it was time for all of the hard-fought-for raffle tickets to be placed in the bowls by each prize, and for the long-awaited awarding of those prizes. Gabbe did the drawings and the happy winners came forward to claim their prizes.

Bob thanked his committee, wife Jayne, Jim and Jackie Lundquist, Chris and Nancy O'Connor, and Gabbe Nestaval, and then everyone in attendance for making the event so enjoyable. And so the banquet came to a close.

Vanna Did A Great Job Assisting On Airplane Jeopardy



Gabbe Nestaval has been Bob's lovely assistant at several TCRC banquets. (Photo by Jim Cook)

The TCRC Cakes At The Banquet Were Works Of Art



J The cakes were good looking and delicious too. (Photo by Jim Cook)

Pictures From The 2018 TCRC Banquet



The Banquet Committee did a great job putting together a really enjoyable evening.



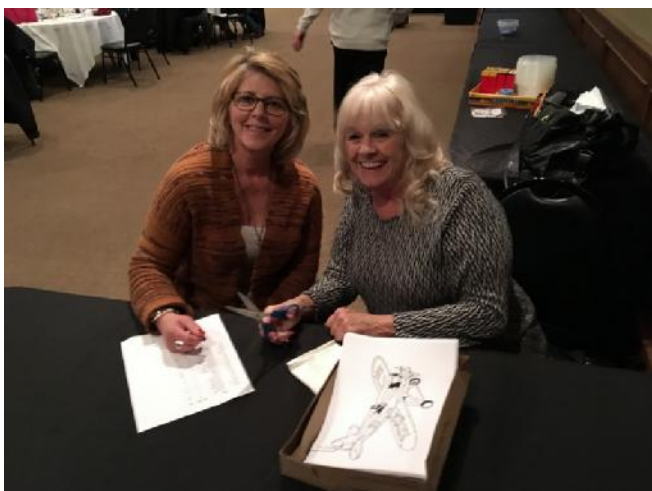
There were lots of ways to win tickets for the many nice raffle prizes.



John and Kathy Dietz made the paper airplane contest a family affair.



Gabbe Nestaval was the winner of the coloring contest and gets a hug from Jim Lundquist.



Jayne and Jackie welcomed everyone.



All the raffle winners had big smiles.

Even More Pictures From The 2018 TCRC Banquet



Everybody at this table had a great time at the TCRC Annual Banquet.



The people at this table were really tough competitors in the Jeopardy game.



This table was just getting ready to head for the entrée buffet line at David Fong's.



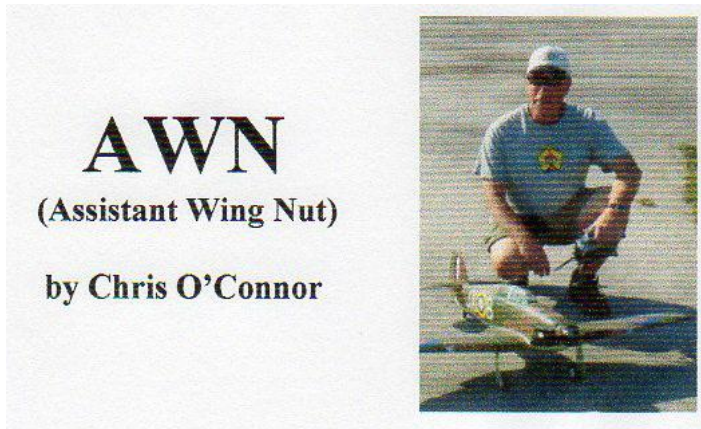
Was she pleased or not to be sitting at a table with all guys?



Four beautiful roses among the thorns.



Some camera shyness at this table.



As you are reading this article there's this white stuff all over the place. I know some of you fly all year round and that's great, but some of us do not, so what do we do all winter. Well there are a few things to do that are R/C model related. It's easy these days to watch airplane videos on YouTube. There are so many and from many different genres, it would keep you busy for quite a while.

There are also the flight simulators to play on which is good practice at honing your skills. Whether it be doing some maneuvers that are a little uncomfortable to do or even making right or left turns. Everyone likes turning one way better than the other, so practice the uncomfortable way. Eventually it will become second nature and no big deal next summer at the field. How about landing from right to left or left to right, that's also a very common problem. There used to be some guys from another club that came to a contest TCRC was having and one of the days the wind was coming from a direction that they were uncomfortable with, so they wanted to be able, that when it was time to land, they could walk across the field so they could land from their right or left, because they couldn't do it the other way. Imagine how unsafe that is having people across from you and landing between you and them. I know this happened, because I was the contest director at the time, and they got mad when I wouldn't let them do it. They saw no problem with it, because at their field they did it all the time. So, the theme of using the simulator to do those things that make you feel uncomfortable.

Challenging yourself is the best way to improve your abilities and confidence. The other thing we all use to do and many still do, is building that new model for next year's flying season. I'm not just talking about assembling a new foamy or something like that, but actually building a new model from a kit, or building from plans. You know, a kit is a box full of cut parts and sheets of balsa that you have to glue together. I know that there's not as many kits around, but companies like Sig, Top Flite, Balsa USA have kits available. There's the internet or eBay. The nice thing about building a kit is that your model will be unique at the field. I'm sure there are many other things you can do to make winter go by fast.

At the next meeting the program will be on building from plans and also sharing what model we might be considering for our winter project.

Remember, attend the meetings, get involved -- it's fun! **J**

2019 TCRC Elections

by **Bob Breisemeister**

The elections for the 2019 TCRC board were held at the November membership meeting. But let me back up and thank the 2018 board for all their hard work over the last year and making my job a little easier. I also want to thank all of them for stepping up and running for their same positions again this year.

All positions ran unopposed.

This is the board for 2019:

President: Bob Breisemeister

Vice President: Chris O'Connor

Treasurer: Tim Wirtz

Secretary: Ken Weddell

Members at Large:

Gerry Dunne

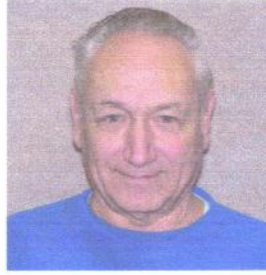
Brian Johnson

Doug Elyea

Also, thanks to the members who came out and voted in this year's election. **J**

Safety At The Field

By Larry Couture



Well here it is the end of November 2018. There is not much snow yet so flying will be on wheels. The field is not flooded -- this is a new concept and we are going to see if we can make it last.

FOR ALL MEMBERS NEW AND OLD:

The rules are printed in the front of the roster and on a large board in the shelter at the field. I suggest that all members should read them from time to time just to refresh the memory. The thing I will always harp about 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 other hear you and acknowledge you. In my opinion this is the most important rule or suggestion to follow as it will make accidents less likely to happen. **IT SEEMS TO BE WORKING SO LETS ALL KEEP IT UP.**

Now if you haven't noticed it is cooler and jackets and sweaters are the new dress code. Here is a tip worth noting make sure that all things and such are buttoned up or zipped because when an engine starts it tends to pull lose fabric and strings into the prop and that can sure spoil a garment in a hurry and I have a jacket to prove that. It may also take on fingers, toes and arms and that is not comfortable.

Another important rule is that if you are hand launching, it must be done in front of the flight line. Never behind the pilot stands.

The rules and common sense still apply when the field is covered with snow, but we have to make a few changes for runways due to tracks and conditions of the snow so please be careful and stay safe.

Rule to point out: **LAST ONE OUT EACH DAY LOCKS THE GATE.**

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, stay warm and have fun. Summer, will come, again, maybe. **J**

2019 AMA Dues Statements

Most older TCRC members should have received their 2018 dues statements in the mail in September from the Academy of Model Aeronautics. Newer members renew on the anniversary of the month they joined.

AMA 2019 dues are the same as the previous year. They are:

- Adult (19-65) \$75
- Senior (65 and up) \$65
- Under 19 Free
or \$15 with **MA**

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 \$38 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 2019 AMA dues is December 15 to avoid a lapse in membership services. **J**

Safety Always Comes First!



www.tcrconline.com

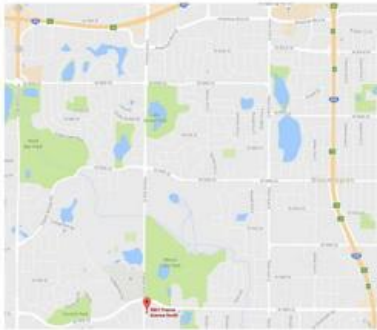


TCRC 43rd ANNUAL AUCTION

Twin City Radio Controllers - Minneapolis, MN

Saturday, Feb 2nd, 2019

9801 France Ave S, Bloomington, MN



Concessions

- Hot Coffee, Donuts and Other Goodies
- Soda/Pop/Water
- Sub Sandwiches
- Hot Dogs and Chips

No food or drink in the bidding area

BARGAIN Table Returns in 2019!

- Items sold at fixed price \$15 - \$30, predetermined by Seller
- All Day Exposure
- All Items sold at the table
- \$5 flat fee commission

What's for Sale?

- R/C Airplanes, Kits, Engines & Radio Systems
- R/C Aircraft related stuff & support equipment
- NO Cars/Boats
- NO Unrelated Stuff

When:

Registration Begins @ 6:45 am
Viewing @ 8:15 am
Auction Begins @ 9:00 am

Details:

- 5:00 Admission: includes Bidder's Card
- \$20.00 Minimum Opening Bid. Nothing will be sold for less than \$20
- Commission of \$5 or 10% , whichever is greater, on **ALL ITEMS**
- SELLER MUST attach a brief description to EACH ITEM being sold.
- Pre-Registration Available for Sellers
- BUYBACKS @10% up to a maximum fee of \$20
- **CREDIT CARDS will be accepted for auction and concession purchases**

Questions?

- Email Auction@TCRCOnline.com
- Call Bob 612-964-8877 or Scott 952-934-1471
- More Info at:
<http://www.tcrconline.com/pages.auction/htm>

Silent Auction Returns in 2019!

- For Items \$125 and up
- One Hour Exposure for all items in Silent Auction
- 5 items sold each HOUR for 6 hours
- Set your minimum (\$125 or higher), Bidders bid for one hour. Item sold to highest bidder
- Limited to 1st 30 sellers who choose this option

TCRC Auction February 2nd, 2019

Saturday, February 2nd, 2019, TCRC will host its 43rd Annual Auction at CrossPoint Church at the intersection of France Avenue and 98th Street in Bloomington, Minnesota.

The TCRC Auction is the largest R/C auction of its kind in the upper Midwest and draws hobbyists from Minnesota and its surrounding states. R/C aircraft and related accessories will be on the auction block. The doors open at 6:45 AM for registration and check-in, and the first item goes on the auction block sharply at 9:00 AM. From that moment on, the auction action will be continuous until around 5:00 PM, with an item being sold once every minute over that time span.

Pre-registration of items for sale at the auction will be available at the club website TCRCOnline.com in January. It is very helpful to the club for sellers to pre-register their planes and equipment.

From a club standpoint, the TCRC Auction is the biggest manpower project that the club undertakes. It is very important that all members sign up to work at least one shift at the auction. In addition, family members and friends are also welcomed to work at the event. YOU are needed at the 2019 TCRC Auction.

The December and January TCRC meetings will be planning sessions for the auction. Your input will be helpful, so come to the meetings. **J**

2018 Ugly Airplane Contest Results

by Sherwood Heggen

Another UAC has come and gone, and we have a winner in the coveted Ugly Airplane Contest: Unfortunately, the editor was not provided with the winner's name but his ugly airplane was the judges' favorite. The non-scale airplane was a one-of-a-kind with the character of a Feisler Storch and a large rubber band powered stick model. It was powered by a small electric motor and had the unique feature of LED lights to illuminate it for night flights. The airplane certainly deserved the award.

The mystery winner proudly accepted the award of a \$25.00 gift certificate to a local hobby shop plus the coveted traveling trophy. **J**

Lavochkin Lagg-3

by Conrad Naegele

The November Mystery Plane was the Russian Lavochkin Lagg-3.



Alexse Elich Lavochkin was a prolific aircraft designer. Many of the Soviet warbirds from 1935 to the mid-40's were from his design bureau, ranging from the Lagg-1 to the Lagg-9.

The Lagg-3 began with the -1 designation in 1939. While the -1 was conventional, the -3 was all-wood. The fuse was constructed from Siberian birch, the wings were a 2-spar plywood-skinned, covered in fabric; the control surfaces metal and fabric-covered. The main gear retracted up and inward, the tail, backward. The engine was a Klimov, turning a 3-bladed prop. Unusually, five fuel tanks were provided, three in the fuse and one in each wing.

During its rather long development, a great number of machine guns and cannon were employed, as well as several engines of varied horsepower. This plane, although a fighter, was strangely most often used as an escort for other Russian assault aircraft.

Finnish pilots testing captured Lagg-3's praised its maneuverability, criticized its poor acceleration, and its tendency to fall into a spin on sharp turns with little warning. And yet, Japanese pilots praised the wooded plane and its high diving speed! All agreed upon its robust structure, and its ability to absorb gunfire. Different strokes for different folks, I guess.

The Lagg-3 remained in production up until 1942, when it was finally re-engined with a higher horsepower radial engine, then becoming the Lagg-5.

The Lagg-3 was classified as an interceptor and fighter bomber. It had a Klimov 12-cylinder V, liquid-cooled and developing 1,100 horsepower. It had a wingspan of 32-feet 9-inches, a weight of 7,032 pounds and a speed of 348 mph. J

Calendar

- | | |
|----------------|--|
| Dec. 1 | All Season Flyer
Finale
TCRC Jordan Field
10-10-10 Rule |
| Dec. 5 | Joint TCRC Board
Meeting
President Bob's Home
7:00 PM |
| Dec. 11 | TCRC Membership
Meeting, 7:00 PM
CrossPoint Church
Bloomington |
| Dec. 25 | Merry Christmas |
| Jan. 1 | Happy New Year |
| Jan. 27 | MARCEE Swap Meet
Immanuel Lutheran
Church
St. Paul, MN
8:30-11:30 AM
Steve Mundt
651-646-2195 |
| Feb. 2 | TCRC Annual
Auction
CrossPoint Church
Bloomington |



10th Annual

SWAP MEET

ELECTRIC R/C AIRCRAFT

FREE ADMISSION
NO Seller's Table Fee

Saturday, January 27, 2018
8:30 AM–11:30 AM

Setup from 8:30 to 9:00 • sales from 9:00 - 10:30 • Cleanup from 10:30 - 11:30

IMMANUEL LUTHERAN CHURCH



104 Snelling Ave. S.
St. Paul, MN 55104

Take 94 to Snelling Ave and go south. The church is just past Grand Avenue on the east side of Snelling, across from Macalaster College.

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

Be An All Season Flyer In 2019



The end of the year is at the end of this month, but that means your opportunity to become an all season flyer is approaching also.

To become an All Season Flyer a pilot must put at least one flight on an airplane outside in each month of a calendar year. That means you have to start in January.

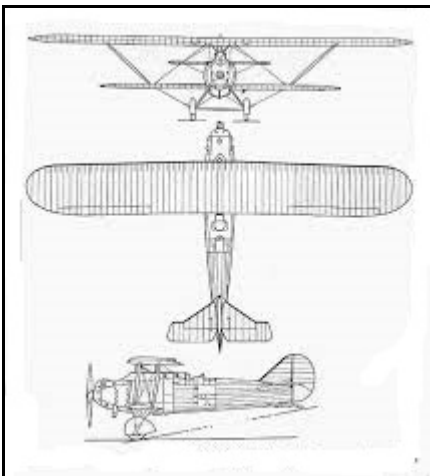
In Minnesota, those December, January and February flights can occur in some pretty cool weather.

In TCRC several pilots have a proud tradition of earning their ASF patches. Some have been doing it for more than 10 consecutive years.

Earning an All Season Flyer patch in Minnesota has to be a very daunting experience. However, with the advent of the electric airplanes, it is a lot easier than trying to start a cold glow engine.

If you are interested in becoming an All Season Flyer in 2018, plan on joining the pilots for their January flights.

December Mystery Plane



Lock The Gate!

It is very important that the gate to the field be kept locked at all times when there is no member present.

It is every member's job to lock the gate when her/she is the last one at the field. It doesn't matter the time of day or how nice the weather is. This simple rule is to keep the gate locked to prevent theft, vandalism and the unauthorized use of our land from occurring.

J

J

TCRC Apparel For Sale

TCRC's club apparel is available for sale at most membership meetings.

The apparel is pretty nifty looking.

Club treasurer Tim Wirtz has been organizing the order of the club apparel and now has for sale:

- TCRC Hats \$12.00
- TCRC Hatbands \$5.00
- TCRC Gray Sweatshirts \$18.00
- TCRC Gray T-Shirts \$12.00

The dark blue hatbands are to be worn on broad brim straw hats and should look pretty neat.

Tim has plenty of the hats and shirts in an array of sizes. See him at a meeting to get your new TCRC shirt or hat. J

18304

If someone were injured at the TCRC flying field and you had to call 911, what would you tell the operator for the location of the emergency? You would tell the operator the fire number for our field: 18304.

For safety reasons, it is very important every member knows our fire number. Hopefully we will have the fire number prominently displayed in the shelter at the field in the very near future. 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.

2019 Officers

President	Bob Breisemeister 612-964-8877
Vice President	Chris O'Connor 612-619-5471
Secretary	Ken Weddell 952-500-3446
Treasurer	Tim Wirtz 952-941-5357

TCRC Flare Out

Editor James R. Cook 952-445-5257
Publishers: Pat Dziuk 952-445-3089
 & Mike Timmerman 952-496-1631

Website: <http://www.tcrconline.com>

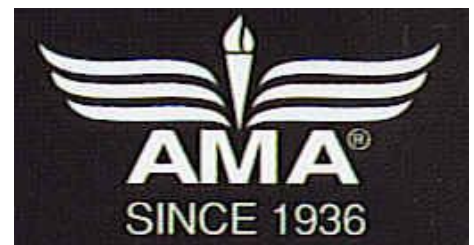
For Sale

President Bob Breisemeister has some very nice airplanes for sale.

Bob's planes range from small electric ARF's up to 1/3-scale sport planes. Some planes are still in kit form, and some are entirely completed.

The prices of the various planes are very moderate and any one of the aircraft would be a great value for the money.

If you are interested, give Bob a call at 612-964-8877, or see him at a meeting. J



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.

Andersen Designs

Andersen La-7
Built by Jeff Quesenberry

FREE! Scale Plan Downloads

ARADO 96B, Focke Wulf TA -152H
Grumman Lynx, Howard Pete
Kawasaki Ki-45, Lavochkin La-7
Mitsubishi -"Babs"

MNBigBirds.com

Add'l Extras:

- In Flight Videos
- Construction Articles
- Scale Documentation
- Paint Masks & more...

Composite Parts Available thru...

MICKO
Aircraft & Accessories

Twin City Radio Controllers



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Local Hobby Shops

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Plymouth, MN 55447

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Saturday 10AM - 4PM
Sunday Closed

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Big Sky Hobby
3402 Federal Drive
Eagan, MN 55122
(651) 905-8909

The map shows the location of Big Sky Hobby in Eagan, Minnesota. The store is marked with a red 'A' at the intersection of Federal Drive and Sibley Memorial Hwy. Other nearby streets include Lone Oak Rd, Wescott Rd, and Dittley Rd. Landmarks like Lemay's Lake and Eagan Promenade are also visible.