

# Holy Toledo! What An R/C Expo!

by Jim Cook

Normally the first Friday in April is the start of the Weak Signals R/C Expo in Toledo, Ohio. Because of the timing of Easter this year, it moved to the second Friday of April.



**The TCRC contingent to the Toledo Air Expo in April, with Scott Anderson, Scott Gerber, Mark Wolf, Chris O'Connor and Steve Meyer, with Jim Cook taking the picture.**

The Air Expo in Toledo is the biggest R/C get together in the United States, with virtually every manufacturer of R/C stuff present and displaying his latest products.

Jim Cook and Scott Anderson left Minneapolis at 6:30 AM on Thursday, April 9<sup>th</sup> heading for Toledo with only breakfast and lunch stops along the way. They arrived at their motel at 7:00 PM to find former TCRC'er Scott Gerber, who had just driven in from St. Louis,

waiting for them to go to dinner. Meanwhile, Chris O'Connor, Mark Wolf and Steve Meyer stopped in Chicago for Thursday evening before an early morning drive to Toledo on Friday morning.

The two Scotts and Jim arrived at the Seagate Center on Friday morning around 8:00 AM so they could spend an hour at the huge swap meet on the second floor, until the Expo opened on the main floor at 9:00 AM. Everyone in the group each had a 'must have' list which they planned to satisfy during their two day attendance at the Expo.

Jeremy Steinmueller of Big Sky Hobby had his usual booth on the second floor and he appeared to be quite busy early on.

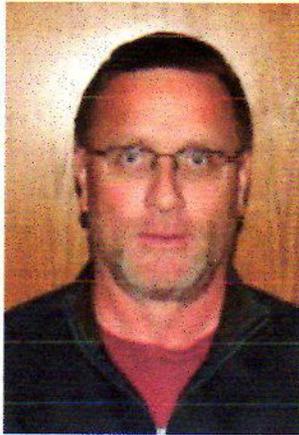
Near 9:00 AM the two groups of TCRC'ers met up on the main floor right before the doors opened. Pictures were taken and pleasantries exchanged, but when the doors to the Expo finally opened, all went their separate ways.

For those R/C hobbyists who have never been to the Toledo Expo, it is hard to relate the impact of seeing everyone who is anyone in R/C at this event. There are fantastic displays of monster airplanes, there are demonstrations of new equip-

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# A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

Finally the winds are dying down and the temperature is warming up to get out and do some flying. I heard that on last Sunday we had a large group of members at the field. I hope to be able to get down to the field soon.

Spring clean-up day is on Saturday May 2<sup>nd</sup>. The plan is to do some painting, spraying of weeds, sweeping the pit lane, runways and any other tasks that need to be completed. We will meet at 9:00 A.M. and get the work done and then do some flying in the afternoon.

At the May 12<sup>th</sup> membership meeting we will be holding the annual building contest. Bring your winter projects from scratch build to ARF's, electric or fuel powered. Remember I will be a judge and need to fund my flying anyway that I can.

The weekend of May 16<sup>th</sup> & 17<sup>th</sup> is very busy. On Saturday TCRC will be holding the Spring Float Fly at Bush Lake from 10 until 2. Even if you do not fly come out and watch. The event is held on the main beach at the east side of the lake. Also on Saturday is the swap meet at Hobby Warehouse starting at 8:00 A.M. On Sunday of this same weekend is the swap meet at Big Sky Hobby also starting at 8:00 A.M. See you there!

On Wednesday May 20<sup>th</sup> and continuing through the summer I would like to start "Help Me Fly" night. This will be for everyone who needs help. If you are just learning to fly, experienced flyers needing help on new maneuvers or just needing help setting up your plane, these nights are for you. I will need experienced club members who are willing to help promote the hobby and be present on these designated Wednesday evenings.

The summer membership meetings will be held at the TCRC flying field. This will start with the June meeting and continue through August. TCRC will supply a light dinner starting at 5:30 P.M. Any items

brought to share to help out with the meal would be appreciated. The meeting will start at 7:00 and once adjourned, flying can begin until dark. So come early and do some flying and enjoy dinner with fellow club members. In case of bad weather or high winds the meeting will be held at 7:00 at Cross Point Church in Bloomington. If location changes, I will send a notification email out in plenty of time.

Father Hennepin Days will be held on June 13<sup>th</sup> in Champlin. This is a great opportunity to promote our hobby. The event is very similar to Model Aviation Day that we hold at our field. This is our 2<sup>nd</sup> year participating in this event so let's have a good showing of members and come out and fly, or volunteer to help.

Also in June is our Electric Fun Fly at the TCRC field. This event will be held on June 20<sup>th</sup> and is open to all current AMA members.

With the Float Fly event just around the corner, the plane to be raffled off for the May meeting is a Flyzone Tidewater Seaplane. Its retail value is \$160.00. So come try your luck and buy one or several numbers and join the fun!

I hope to see you at one or more of the events mentioned above, at our meetings, and of course at the field.

Happy Flying!

J



## Holy Toledo!

Continued From Page 1

ment, there are deals and specials too good to be true, there are unbelievable displays of planes, boats, etc. built by hobbyists with high hopes of winning their category, there are all kinds of people wanting to talk R/C to you, and there is R/C excitement in the air.

The guys ran into Geoff Barber of TCRC and his R/C Universe filming team. Geoff was planning his next interview with one of the vendors on the floor. Go to [rcuniverse.com](http://rcuniverse.com) to see Geoff's articles he posted while attending the Toledo Expo.

Another Minnesota connection had his own booth on the main floor and that was Rich Ross. He originally owned R/C City in St. Paul, and has been active in the sales end of the hobby forever. He was demonstrating quadcopters when the TCRC gang hit his booth.

Scott, Jim and Scott got a really good start on satisfying their 'must have' lists, but either Scott Anderson's list was much larger or his items were much costlier because he didn't waste any time in zooming into the lead on dollars spent.

Just two hours into the Expo, a major electrical transformer blew putting the two floors of the Expo into darkness, with the exception of a few emergency lights here and there. The guys decided this was a great time for lunch and headed for a restaurant in Toledo with the anticipation that the power would be back when they got back.

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## Quadcopter Flying Demos Where In Every Other Booth At Toledo



Longtime Minneapolis/St Paul R/C entrepreneur Rich Ross shows how easy it is to put a quadcopter into the air on the main floor of the Toledo Expo. (Photo by Jim Cook)

## Neither Rain Nor Sleet Nor Loss Of Power Could Stop The Expo



Two hours into the first day of the Toledo Expo, a major transformer went down, putting the booths in darkness on both floors. The transformer could not be replaced until the next morning, but the Expo went on, with light supplied only by the few emergency lights. (Photo by Jim Cook)

# Holy Toledo!

Continued From Page 3

After lunch, returning to the main floor, the guys learned that the transformer would not be replaced until the next morning. This didn't stop buyers or sellers however. It was 'business somewhat as usual' and the three guys continued to check items off of their 'must have' list, and even managed to add new items to that very same list. During the black out, the cell phones with the built-in flashlight apps proved their value, especially when trying to venture into an unlit bathroom!

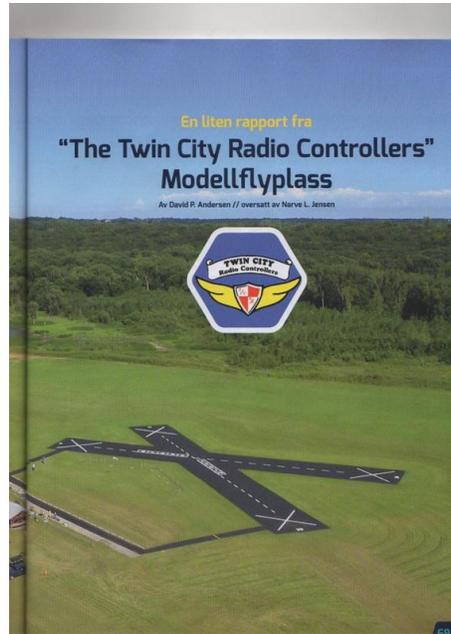
The Chris-Steve-Mark group was only going to be at the Expo for Friday, so they definitely had to complete their purchases in the dark, whereas the Scott-Jim-Scott group was going to be back at the Expo Saturday morning.

Friday evening the guys regrouped at the motel, reviewed their purchases, compared notes on what they saw that was innovative or just neat, test flew whatever could be flown in the motel (Jim's new quadcopter), planned the next day and then headed for dinner.

Saturday found the power on and the guys made their final purchases before departing around noon. As Scott Gerber got into his car to head for St. Louis, his parting comment was that we should review our policy of only attending the Toledo Expo every other year! Scott Anderson quickly agreed. Toledo is too much of a great experience to only go every other year!

# TCRC Displayed In Norwegian Magazine

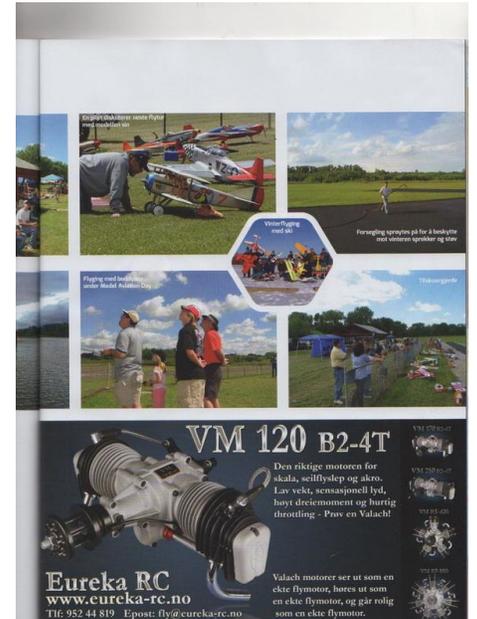
TCRC's Model Air Park was highlighted in a Norwegian magazine.



Our very own member David P. Andersen wrote an article entitled 'TCRC Lands On A Permanent Field' for a Norwegian R/C Air-



plane magazine. Pat Dziuk has put a link to the PDF file on our home page at TCRCOnline.com.



Great job Dave! The four page article from the magazine is reproduced here to show the nice layout that was done. However the article was not translated into English.



The last sentence of the magazine author Narve Jensen's introduction to the article translates "Read and be envious."

# Pictures From The 2015 Toledo Air Expo



Former TCRC'er Scott Gerber loved looking at all of the fantastic entrants in the building categories at the Toledo Expo. It is unbelievable the huge amount of talent that is in our hobby.



Scott Anderson has always had a special love affair with the Corsair, and as you can tell by the huge smile on his face, this beauty was one of his Toledo Expo show favorites.



Jeremy Steinmueller of Big Sky Hobby in Minneapolis always has a big booth on the second floor of the Toledo Expo, and he is always busy.



This Spartan Executive was Jim's candidate for best of show. The builder worked with metals and this finish was absolutely spotless!



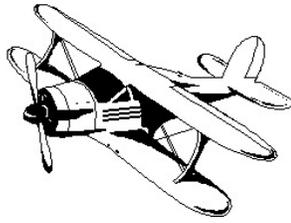
This model of the American Clipper was a crowd favorite with four wing-mounted engines and a very nicely done finish.



The American Clipper from behind. From the picture on the left you do not realize the size of this plane until you see it from this angle.'

Photos by Jim Cook and Scott Anderson

## Show & Tell



Three nice airplanes showed up at the April 14<sup>th</sup> meeting.



John Dietz had a nifty Hanger 9 Corsair F4U-1D ARF warbird. This plane was done in traditional Navy blue with a yellow cowl. The covering was Ultrakote and John had added panel lines with an ultra-fine Sharpie marker. The power plant was an E-Flite 60 electric motor and the plane swung a 3-blade 15x7 prop. Ready to go, the plane weighed in at 8-1/4 pounds and it had a 60-inch wingspan. John thought the plane was of excellent quality. He plans the maiden flight for this spring.



New member Jim Rauser had his latest plane at the meeting. This was a Speedy Bee that he built from plans. The designer is Andy Clancy. The plane when complete will have an OS FS 265 and will be covered with Coverite 21<sup>st</sup> Century fabric. The wingspan is 40 inches and the expected finish weight will be 40 ounces. Jim is planning a spring maiden flight.



Jack Stewart had a very neat looking Tango ARF at the meeting, but unfortunately the editor was not supplied with a data sheet on the aircraft. **J**

## Veep's Corner

By Corey Kaderlik



Well friends it is that time of year again. TCRC Air Park will be looking for many volunteers to keep the field looking in great condition. Mowing is one of those jobs that needs to be done on a weekly basis. There are about twelve spots currently open on the signup sheet. I would like to get them all filled up by **May 9th** so that no one that wants to enjoy a day at the park has to fly in 6-inch tall grass. Interested please contact Corey Kaderlik: [Kaderlik@frontiernet.net](mailto:Kaderlik@frontiernet.net) for more info.

### **THANK YOU TO ALL VOLUNTEERS NO MATTER WHAT JOB YOU PERFORM !!!!!!!!!**

**April 11th 7:00A.M.** I was at the field to do some flying and found the gate open and lock hanging on the chain open. **This is your park!** **Protect it like you maybe would \$1 million dollars.**

### **Reminder to Members:**

**Our neighbor Roger Preston has granted a roadway easement to our club to provide access to our field. Roger and his friends also use the road to provide access to Roger's hunting land to the north and east of our property. When hunters use the road, they unlock a padlock using a key provided by Roger.**

**Some reminders for the spring flying season just around the corner:**

- **Our combination lock is not designed to "fall open" when the correct code has been dialed in. It must first be pushed fully closed and then it will open.**
- **After opening the lock, always give the dials a spin or two to hide the combination. Otherwise anyone walking by can read the code from the lock as it sits open.**
- **If you are the last to leave the field, always lock one gate to the other by using the combination lock to join one end of the aluminum bar to the free end of the chain after looping it through the other gate.**
- **When inserting the lock into the bar and chain make sure the dials will face downward, otherwise rain (and snow) can gum up the lock making it very difficult to open.**

- **When closing the lock, push it fully closed and then tug on it a few times to ensure that it has latched.**
- **If you forget the lock code, call a club officer or board member for a "memory refresher".**

**I will lubricate the lock when I visit the field to ensure that it works freely all spring and summer. Everyone's cooperation with the above will ensure that we allow all members free access and keep others out.**

### **Thank You!**

**May 2nd** will be Field cleanup day. Please come out and help if you can. We will be needing help at the field as well as organizing the storage shed area which is long overdue. Bring whatever you may need (gloves, boots, work clothing, etc.) to accomplish jobs that need to get done. Also a few extra shovels and brooms would help.

Some of the jobs at hand:

1. Broom runways
2. Installation of impound if decision to do so
3. Painting chain link fence
4. Shelter clean up
5. Grading of runway ends
6. Making sure all safety equipment is in place
7. Organize the two storage shed area inside and out.

We'll see you at the field or the next meeting. Have some great flying. **J**



## TCRC 2015 Mowing Schedule

May	1-2	Corey Kaderlik	Runway edges and South section
	3-9	Ken Corrin	Runway edges and North section
	10-16		Runway edges and South section
	17-23		Runway edges and North section
	24-31		Runway edges and South section

June	1-6	Ken Corrin	Runway edges and North section
	7-13	Tim Wirtz	Runway edges and South section
	14-20		Runway edges and North section
	21-27		Runway edges and South section

July	6/28-4	Ken Corrin	Runway edges and North section
	5-11	Wayne Fisher	Runway edges and South section
	12-18	Ken Corrin	Runway edges and North section
	19-25		Runway edges and South section

August	7/26-1		Runway edges and North section
	2-8		Runway edges and South section
	9-15	Ken Corrin	Runway edges and North section
	16-22		Runway edges and South section
	23-31		Runway edges and North section
	1-20	Jim Ronhovde and Daniel Olberg	Reinvest In Minnesota (RIM) Land North, West and East sections

September	1-5	Tim Wirtz	Runway edges and South section
	6-12	Ken Corrin	Runway edges and North section
	13-19		Runway edges and South section
	20-26		Runway edges and North section

October	9/27-3	Corey Kaderlik	Runway edges and South section
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**Volunteer To Be On The Mowing Crew**  
**Keep TCRC's Model Air Park Looking Great!**

## Nieuport-Delage NI 42

by Conrad Naegele

The April Mystery Plane was the French Nieuport-Delage NI 42.



The Nieuport was a French-built fighter, in production from the late 20's to the late 30's. It was the first in a family of planes that would form the backbone of the French fighter forces over the next decade.

As first built, the 42 was a highly streamlined parasol wing monoplane, which a monocoque fuselage, an open cockpit, almost all wood. The shoulder mounted wings were mounted directly to the fuse. On two marks, a small wing was mounted directly to the upper portion of the landing gear, making it a sesquiplane. Two models included a rear position for a gunner.

Along with being a fighter, the plane was used very extensively as a racing plane, on the European circuit, and it won many races, being able to attain speeds of close to 197 mph. A number of engines were installed over its nearly 15 year service life. This plane was very popular as a fighter, and sold to several nations, including Belgium, Brazil, Spain, and Turkey. A prime example of a plane that started as almost all wood and finished as a rag & tube 'modern' airplane.

The Nieuport had a wingspan of 39.5 feet, an operating weight of 3,998 pounds, a top speed of 197 mph and a range of 250 miles. There were a total of 882 built. J

**TCRC Spring Float Fly**  
**May 16<sup>th</sup> Bush Lake Park**

## Thanks Jim Ronhovde

For many, many years Jim Ronhovde has been the chief mechanic on the TCRC tractors, and with his skilled hands he has kept them well-maintained and always available to answer the call when they have been needed.

Jim just completed a thorough maintenance of our New Holland tractor this spring, and then announced that he is ready to hand those duties off to another club member this year.

Many in the club only are aware of the New Holland tractor, but prior to that machine, TCRC runways were maintained with a Farmall M tractor, and it was Jim who did all of the maintenance and TLC for that machine. The Farmall was purchased used by the club, and it was QUITE used. Without Jim's abilities, skills, knowledge and wizardry, that tractor would never have lasted the many years it did doing all of the club's heavy work.

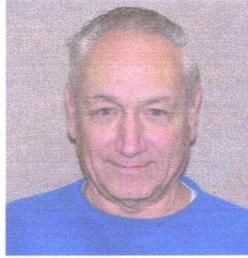
TCRC and its members owe Jim a huge thank you for all of the time, sweat, muscle, finesse and TLC he has put in over the years to keep us up and running:

**Thank You**  
**Jim!!!**

Doug Elyea has agreed to step up and become the next club maintenance wizard. Thank you Doug for volunteering. J

## Safety At The Field

By Larry Couture



Well here it is the end of April and the field is not flooded and unless it rains beyond your wildest dreams it more than likely won't flood this year. The field is in good shape and when the road restrictions go off the road down and parking lot will get fresh rock. There will be a work day on **May 2<sup>nd</sup>** for field clean-up and repair. All hands are needed to make this easy and quick. So bring a plane and we all can fly when the work is done. So see you then if not before.

One of the rules that seems very obvious when one reads it is that all airplanes must have the name and address of its owner on before flying. If it should fly away and is found or does damage to property it can be returned to the owner or damages settled without large problems for the hobby.

Some rules are just plain common sense, such as flight checking your model before flight so that all controls are working and in the proper direction. I would ask at this time to hold up your hand if this has at any time happened to you! You take off and up is down and right is left or any combination of improper control. I would see a lot of hands in the air and one would be mine. Now sometimes you're lucky and you land without total destruction of the plane and other times not so lucky, and to think that a pre-flight check takes only a minute or two at most.

Last but not least I will close with a **PERSONAL CONDUCT VOW FOR ALL OF US:**

I will always conduct myself in a responsible manner. Conscious that the maintenance of safety for others and myself rests with my ability to design and construct sound working models and to enthusiastically abide by the AMA and Club Safety Codes. I will abide by the decisions and follow the instructions of any designated person in charge or control of the session or event.

Enough said for this time. Keep 'em flying and land with the rubber side down. J

## Spring Float Fly May 16<sup>th</sup>

TCRC will again be holding its Spring Float Fly at Bush Lake Park in Bloomington, on Saturday, May 16<sup>th</sup>.

The Spring Float Fly is open to any pilot that has a valid AMA card for 2015, and usually there are guests from several of the area R/C clubs, and there are always many beautiful aircraft on floats that put on a show for all in attendance.

Chair for the event is again Steve Meyer, and the flying will start at 10:00 AM on Saturday, following a short pilots' meeting to confirm the safety rules and the designation of the flight areas.

Weather predictions for Saturday, May 12<sup>th</sup> are for superb sunny and warm weather with just enough light breeze to put ripples on the water.

Bush Lake Park has a very nice sand point that juts out into the water allowing great air traffic patterns regardless of the direction of the wind.

Get a set of floats onto a plane or two and head on down to Bush Lake Park in Bloomington on May 16<sup>th</sup> for a morning of some fantastic float flying. J

**Safety Always Comes First!**

**Come To The TCRC  
Spring Float Fly**

**May 16th**

# TCRC Membership Report

by **Bernie Gaub**  
Membership Director

The 2015 TCRC membership count is now at 120 members, including five new members during this month. Four have received their badges, and the remaining badge should be mailed within the week.

**New Members:**



Scott M Vogel resides at 5444 Xerxes Ave S, Edina 55410 and his email address is [svogel82@gmail.com](mailto:svogel82@gmail.com). He has 3 years flying experience using 2.4 GHz and has a large number of aircraft from which to choose from, including Trainers, Gliders, and electric foam planes.

Steven B Engebretson resides at 15151 Gatewood Dr, Minnetonka 55345 and his email address is [Steve.engebretson@gmail.com](mailto:Steve.engebretson@gmail.com). He has 1 year flying experience

using 2.4 GHz and has a Flyzone Sensei aircraft.

John C Hall resides at 7240 York Ave S #400, Edina 55435 and his email address is [J.Hall12@comcast.net](mailto:J.Hall12@comcast.net). He has 59 years flying experience and uses the 72 MHz channels.

Andrew P Zarras resides at 7870 Bent Tree Circle, Prior Lake 55372 and his email address is [andrewzarras@gmail.com](mailto:andrewzarras@gmail.com). He has 1 year flying experience and his current aircraft is a Hangar 9 Alpha 40 trainer.

Paul A Spomer resides at 14979 Creditview Dr, Savage 55328 and his email address is [daspomer@yahoo.com](mailto:daspomer@yahoo.com). Paul is a Junior member and has 4 years flying experience. His aircraft includes an E-Flite Apprentice as well as a Hobby Zone Stratos.

Please welcome these new members to our club if you should happen to meet them at the field or at one of our monthly meetings. **J**

## Pre-Flight The Tractor



A bird thought this was a great site for its spring nest! **J**

# Calendar

- May 2                    **Field Clean Up  
TCRC Model Air  
Park**
  
- May 12                   **TCRC Membership  
Meeting, 7:00 PM  
CrossPoint Church  
Bloomington**
  
- May 12                   **TCRC Building  
Contest  
Membership Meeting  
CrossPoint Church  
Tim Wirtz**
  
- May 16                   **Spring Float Fly  
Bush Lake Park  
Bloomington  
10:00 AM  
Steve Meyer**
  
- May 16                   **Hobby Warehouse  
Swap Meet, 8:00 AM**
  
- May 17                   **Big Sky Hobby  
Swap Meet, 8:00 AM**
  
- May 20, 27              **Help Me Fly Night  
TCRC Model  
Air Park**
  
- May 30,31               **Discover Aviation  
Days, Anoka County  
Airport, Blaine, MN**
  
- June 13                   **Father Hennepin Days  
TCRC Flying Demo**
  
- June 20                   **Electric Fun Fly  
TCRC Model  
Air Park**



## April Raffle Winner



Richard Voeltz was the happy recipient of the April Raffle prize -- a Hangar 9 Twist 3D 60-size ARF. And he won it with only a \$5 investment!

This month a Flyzone Tidewater Seaplane ARF will be up for grabs, so the winner can have it ready for TCRC's Spring Float Fly on May 16<sup>th</sup>. It is valued at \$160. Chances are only \$5/each and you may enter as many times as you wish. Come to the meeting on May 12<sup>th</sup> and be the next winner of the TCRC monthly raffle. J

## TCRC Shirts & Hats For Sale

Treasurer Tim Wirtz has a number of TCRC logo shirts and hats for sale. He will have these available at the regular membership meetings.

The T-shirts come in gray or tradition blue with the logo on the left chest. Sizes are L, XL and XXL. Cost is \$10.

The baseball caps are tradition blue with the TCRC logo and are also \$10. J

## 2015 TCRC Building Contest

The 2015 edition of TCRC's Building Contest will be held after the club membership meeting at CrossPoint Church on May 12<sup>th</sup>.

Chair for the event is again Tim Wirtz. Last year Tim had 6 categories that could be entered: Scale, Warbird, Sport/Pattern, ARF, Plans/Scratch Built, and Unlimited. At press time the editor did not know for sure if these are the exact categories that will be available, but bring your plane and I am sure you will find a classification it can be entered into.

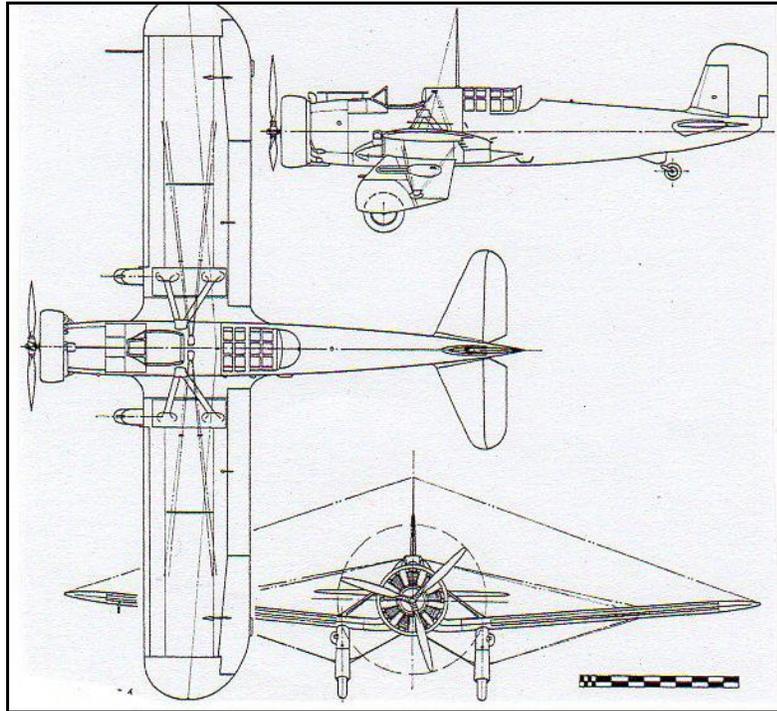
Last year, the winners of each category were awarded gift certificates to Hobby Warehouse, and 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> in each category were awarded ribbons.

President Bob has announced that he will be one of the judges for the BC and he has indicated he is not immune to outside influences as he goes about the job of judging. J

Get the finishing touches on that winter project you have labored over, and get it to the TCRC Building Contest after the meeting on May 12<sup>th</sup>. Even if you don't have a plane to enter into the contest, you should still come to see the great aircraft built by our members. TCRC certainly has its quota of talent in the club! J

**TCRCOnline.com**

# May Mystery Plane



## Spring Has Sprung In Minnesota And It's Time To Fly!



It was bright and sunny on Sunday, April 26<sup>th</sup> and it was a beautiful day to fly, and so that just what a lot of TCRC'ers did. Pat Dziuk shot this picture from the west of the taxiway showing lots of planes and pilots in the pits. Spring has finally arrived! **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.

#### 2015 Officers

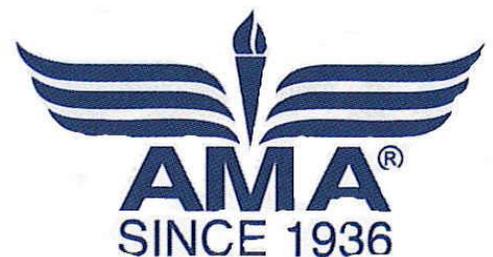
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#### TCRC Flare Out

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

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

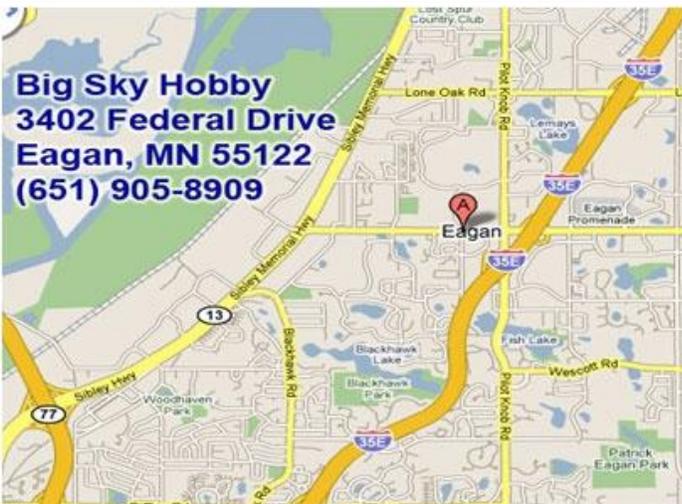
TCRC meets every month on the 2<sup>nd</sup> Tuesday at 7:00 PM in Fellowship Hall of CrossPoint Church located on the southeastern corner of the intersection of 98<sup>th</sup> Street and France Avenue in Bloomington. Guests are welcome to attend these meetings.





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