



September  
2004

Minneapolis, Minnesota U.S.A.

## Model Aviation Day Showcases TCRC

by Scott Anderson

Model Aviation Day was Saturday August 14<sup>th</sup> at the Twin City Radio Controllers Model Air Park in Jordan, Minnesota. The weather was perfect (light winds, mid 70's, and light fluffy clouds) for spending the day flying models and talking with model aviation enthusiasts.



**The TCRC Jordan parking lot was packed with cars for the 2004 MAD. (Photo by Scott Anderson)**

The event was scheduled to begin at noon for the public, but the great weather had dozens of pilots at the field early in the morning to catch the still air. By noon the pits were overflowing and the parking lot was three rows deep. Someone counted 80+ guests, members, and family members at one time.

Our own David Andersen gave an exceptional demonstration of scale flight with his Lavochkin La-7 to start the official program. Pat Dziuk and Mike Timmerman had set up the public address system so our guests

could learn about what was being flown and by whom. Scott Anderson provided narration and color commentary for the flying demonstrations and the static displays.

Food preparation was well managed by Scott Johnson with assistance from Brian and Morgan Larson keeping everyone well fed and smiling.

Pat Dziuk and Scott Anderson provided computers and a shelter with RealFlight RC flight simulators. This kept many of the kids busy.

A very forward thinking member printed up the plans to make gliders from paper plates and this kept many of the younger members of the audience entertained.

The training flights were organized by Orv Schneewind who took names, initiated the potential pilots on the controls then assigned them to one of three training groups. The training groups consist of an instructor and a spotter. The spotter's job was to ensure that the student understood the controls. The heroic instructors were Brandon Anderson, Jay Bickford, and Dave Maurer. These selfless pilots spent

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# From The Cockpit Of The President

by Scott Anderson

Well I'm excited after spending that terrific Saturday with everyone for Model Aviation Day. It was great to see so many of you out enjoying a wonderful day like that!



**Scott Anderson and Brian Duncan on the microphone at TCRC's Model Aviation Day on August 14<sup>th</sup>.**

We had an Electric Fly on August 28<sup>th</sup> hosted by Gerry Dunne. I wish I could have been there rather than enjoying the drizzle in Seattle.



**Some of the nice electric planes at the TCRC Electric Fly. (Photo by Jerry Dunne)**

Are you ready for the FLOAT FLY coming up? I'm still trying to get the plane I bought ready to splash and go! Look for the article in this issue for times and directions!

We're getting so many new members this year. They are terrific! Such enthusiasm! Such a variety of aircraft! Such a variety of skills! Please be sure to talk to new people at the field when you see them. If you don't know someone, please introduce yourself. They may be your new best friends!

We've had some comments lately concerning safety violations at the flight line. It would be very helpful if someone would volunteer to act as a safety officer (with assistants) to help instruct new pilots of our field rules. In the mean time, it is up to our members to police ourselves to ensure field safety. If you see a situation that you know is against the club policy, or simply unsafe, please talk to the person and explain why so we can all have a better time.

I'd like to thank our VP – Jay Bickford for volunteering to be the club Training Coordinator. He will be the first point of contact for new members looking for flight training. Jay will coordinate with several of our members who have volunteered to provide flight instruction. You may not be aware that Jay is a training professional for Novus in Savage. Jay has recently taken command of the PT-60 primary trainer and radio that the club owns, from retiring training coordinator Stan Erickson. Thank you Stan for so many years of training support!

I'll see you at Bush Lake! ☺

# Model Aviation Day

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the afternoon flying flight after flight with students, giving them the satisfaction of knowing they too can fly!



**Dave Mauer gives new member Michael Gomez stick time with an assist from Rick Smith.**

Other demonstrations of flying skill were provided by Stewart Grandpre, Don Guse, David Erickson, Stan Erickson, Jay Bickford, John B, Chris O'Connor, Jim Miller, Gerry Dunne, Rick Smith, David Klemenhausen, Gary Marshall, and many other whom I apologize to for not mentioning.

Stewart exhibited his rotor-wing piloting skills by flying his Raptor-50 helicopter through many demonstrations of aerobatic maneuvers that would take your breath away!

Bruce Anthony provided explanations and narration for visitors to the static display area.

Dave Maurer and several other members provided additional support to our newest youth member by assisting in getting his aircraft ready and breaking in his engine. They took him up on his first flight of his own airplane at the end of the day.

We had a non-flying participant in the program in the form of 1<sup>st</sup> Lt. Joel of the Historical Re-enactment Society. Joel was dressed as a flight officer from the famed "Tuskegee Airmen" fighter squadron. He had a period desk and was selling memorabilia of the Red-

Tail Squadron. Many RC pilots spent time talking with Joel about the squadron and that period of World War II. We've invited Joel to join us for the Float Fly in September as well as the Auction in February.



**Joel as a Tuskegee airman at MAD on August 14<sup>th</sup>.  
(Photo by Scott Anderson)**

I can safely say everyone had a great time and thoroughly enjoyed the camaraderie of spending the day talking about model aviation with new and old friends. We'll look forward to doing this again in 2005!

A partial list of registered pilots and aircraft include: Brandon Anderson, TwinStar & Ultra-Stik; Dave Andersen, 1/4 Scale Lavachkin La-7; Scott Anderson, Great Planes PT-40 & Electric Extra-330L SHOCK-Flyer; Jay Bickford, Eagle 63 Trainer & Midwest Funscale Bf-109; Mark Cater, UltraSport-60, Ultimate Bipe & Electric Wing; John Dietz, Sig Wonder; Pat Dziuk, Hanger 9 Easy II & GWS SlowStik; Gerry Dunne, Electric TigerMoth, Electric TwinMax & Eska; David Erickson, Midwest FunScale P-51D Mustang; Stan Erickson, 1/4-scale Clipped Wing Piper Cub; Stuart Grandpre, electric Sukhoi, Funtana-90 & Raptor-50 helicopter; Don Guse, Fun Tiger 46 and a gas-powered Big Bingo; David Klemenhausen, Electric Zagi-type flying wing & a .40 sized Trainer; Gary Marshall, Goldberg Tiger-II; Dave Maurer, Tiger-60, Stik, and a Sig LT-25; Jim Miller, 40%-size Extra 330L; Orville Schneewind, SIG Kadet Senior; Rick Smith, Flip-3D, Twin-.46, Electric-Sokoi, Electric Flex-32, and his 4-engine Electric Bomber; and Aaron Sybrant, Great Planes (Can-U-Do-3D), Electric Zagi Flying Wing, and Electric Slow-Stik.

Thanks to all who came out to make the 2004 Model Aviation Day a great success. ☺

# Pictures From Model Aviation Day 2004



**A view of the static display area at TCRC's Model Aviation Day on August 14<sup>th</sup>.**

**Photos by Scott Anderson, Jay Bickford and Bruce Anthony**



**John Dietz discusses the finer points of R/C flying with some interested guests at MAD.**



**Bruce and Shirley Anthony relax after watching over the static display area of MAD.**



**Jerry Dunne has a great time showing some youngsters R/C flying on RealFlight.**



**Dave Andersen's Lavochkin La-7 in flight.**



**Brandon Anderson instructs a prospective pilot.**

# Park Rapids Fun Fly A Great Time!

by Jim Cook

About 20 TCRC members and spouses trekked north on Friday, July 30<sup>th</sup> for the annual Park Rapids Fun Fly.



**Most of the TCRC pilots at the Park Rapids Fun Fly on Saturday, July 31<sup>st</sup>. (Photo by Jim Cook)**

This Fun Fly has been a long-standing tradition with Marilynn Krekelberg as chair and the Headwaters R/C Club as our gracious hosts.

Most of the members head for Park Rapids early Friday and have an informal reception in the meeting room of the C'Mon Inn, with snacks and games – this year it was Michigan Rummy.

Saturday morning the group met at the West Forty restaurant for a hearty breakfast and then out to the field. The weather was superb with a sparkling blue sky and a very light breeze. The flying field for the Headwaters R/C Club has actually no trees within a model's reach, and the crops surrounding the field were potatoes this year, making unforeseen landings pretty easy on the aircraft.

First into the air was Bill Sachs and he was quickly followed by Jay Bickford. Jay was the clear-cut winner for bringing the most number of planes north –

the total was four flown and one electric that didn't make it out of the car.



**Jay Bickford with his fleet of aircraft at Park Rapids. (Photo by Jim Cook)**

A long-time member making his first trip to Park Rapids was Sherwood Heggen. Sherwood brought a beautiful Extra and also a Sig Kougar. He was the obvious winner of most number of flights, not only flying the wings off of his two planes, but putting lots of flights on Morgan Larson's planes also.



**Sherwood Heggen displaying his airplanes at Park Rapids. (Photo by Jim Cook)**

Another newcomer to the PR Fun Fly, but not to Park Rapids however, was Scott Johnson. Scott became a member of TCRC this year and is a very enthusiastic flyer. He has a cabin in the Park Rapids area, and he became the back-up motel facilities for Jay Bickford. Scott brought his wife Jennifer and his

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# Park Rapids Fun Fly

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children and they made themselves comfortable watching the flying through the course of the day, as Scott put lots of flights on his J-3 Cub.



**Scott Johnson's wife Jennifer and his daughter enjoyed great seats at the PR Fun Fly.**

The Headwaters R/C Club had done some modifications to the flight line which created a wider runway. They also had installed some very nice airplane starting stations which all of the TCRC members were very impressed with.



**Sherwood Heggen and Jim Ronhovde admire one of Larry Edelmann's flights at Park Rapids. (Photo by Jim Cook)**

Former member Tony Aldrich and his wife Marilynn have made the journey from their home in Florida for many years, and this year was no exception. Tony didn't bring an airplane, but he was ever-present to watch the flights, help on the flight line and renew some old friendships.

Normally at this event, the group starts to pack their planes back into their cars around 3:00 PM, but the day was so magnificent flying continued to almost 5:00 PM.



**Morgan Larson has the Headwater R/C group very interested in his tale. (Photo by Jim Cook)**

When the pilots did finally head back to the C'Mon Inn for a little R & R before dinner, everyone felt that they had gotten their money's worth in quality flights.

The group had cocktails and snacks before leaving for Gilbert's, a very nice restaurant in Park Rapids. The food was great and plentiful and definitely justified Marilynn's choice for the meal.

Following the meal the group returned to the meeting room of the C'Mon Inn for fellowship and recapping of the day's events.

The 2004 edition of the Park Rapids Fun Fly ended with breakfast at the West Forty on Sunday morning before everyone headed home. Thanks to Marilynn and the Headwaters R/C group for another great time.

The 2005 PR Fun Fly will be held August 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup>. This is a very enjoyable event. Plan on being a part of it in 2005. ☺

# From the Co-Pilots Seat

By Jay Bickford

One Great Season . . .

Has this been a great summer for flying or what! I have to admit that I have not been living in Minnesota long enough to be called a native (8 years now is all) but this has got to go down as one of the most pleasant summers in the state's history. Cool days and not a lot of wind made for great flying weather almost all summer long. If we had not lost the use of the field earlier this summer to flooding, the whole season would have been just about perfect. I hope you have been able to make the most of the great weather this year and have gotten in lots of flying. And of course the fall season here is great for flying too. Get out and enjoy one of the nicest R/C flying fields in the area this fall.



**Dave Andersen's Russian La-7 in the pits at the 2004 Model Aviation Day. (Photo by Jay Bickford)**

And while I am on the subject of great weather for flying, the weather the day of the 2004 TCRC MAD event could not have been better. We were able to get lots of people up on buddy boxes and gave them a taste of this great hobby of ours, while also showing off some of the great aircraft that our members have built. I want to send special thanks out to Dave Andersen for bringing out his beautiful LA-7 for a flight demonstration. Everyone that saw this plane in flight was awed by its grace and beauty in the air. Thanks also to everyone else that came out and helped with the festivities! We could not have done it without each and every one of you. MAD is really turning into a great yearly event for our club and it is only getting better.

## Field Safety

You may have noticed a couple of safety improvements have been made to the field recently. New "No Spectators Beyond this Point" signs were added to the pit entrances from the spectator area. Also new "engine kill lines" have been painted on the taxiways leading into the pits. This is just to remind everyone that all engines must be shut down and aircraft wheeled or carried into the pits from this point. And just to re-familiarize yourselves I encourage everyone to read the TCRC Field Rules at [http://www.tcrconline.com/document/s/field\\_rules.htm](http://www.tcrconline.com/document/s/field_rules.htm). As has been said, "Safety is no accident."

The August TCRC Monthly Meeting was a great success with many members bringing out their newest planes for Show-N-Tell. The folks with Klass Kote paints also made a wonderful presentation of their epoxy paint system. Thanks to Nate and Laura Dickerson from Diversified Solutions, LLC for coming out. If you are interested in finding out more about their Klass Kote epoxy paints, check out their web site at [www.klasskote.com](http://www.klasskote.com). This might just be the finishing solution you are looking for to put on your next model.

Until next month...See you at the field! ☺

**TCRC meets every month on the 2<sup>nd</sup> Tuesday at 7:00 PM in room H195 at the South Hennepin Technical College located at 9200 Flying Cloud Drive (Highway 212) in Eden Prairie. Guests are welcome to attend these meetings.**

# Bristol Type 123

by Conrad Naegele

The August Mystery Plane was the British Bristol Type 123.



The Bristol Aircraft Company of England has furnished a great number of very successful aircraft, and some not so successful. The run of their airplanes started as early as 1911, and continued through the 1950's. Some examples of their fine airplanes were the Bulldog, the extensive line of Blenheims, and my all-time favorite, the Bristol Beaufighter Mark X, of WW II. Postwar was the famous, or infamous Brabizon.

One model, the type 123, was financed and developed as a private venture. In 1930, the Air Ministry requested a new fighter, and Bristol responded with the 123. Constructed of high-tensile steel with fabric-covered wings and tail surfaces, the plane was to be fitted with a 695 hp steam-cooled Rolls-Royce engine. This engine was to be provided by the Air Ministry. Armament was to be 4-303 (rifle caliber) machine guns, fuselage-mounted.

The 123 was first flown on June 12, 1934. Delay was due to ongoing engine cooling problems. The steam-cooling problem was not solved. In addition the plane was found to be very unstable at operating speeds. Because of the multiple problems, further development was ended. Only two were built.

This was a great looking airplane. It is remindful of the mid-30's Knight Twister Racer.

The Bristol 123 was a single-seat biplane fighter with a wingspan of just under 30 feet, a weight of 3,300 pounds and a speed of 235 mph. ☺

## TCRCOnline.com Update

by Pat Dziuk

The month of August saw some access problems occur on the club's website, TCRCOnline.com.

This happened because of computer problems our host had during the month. I have had numerous conversations with the host and he has indicated that the problems have been resolved and we should not have further difficulty with access. If we have further problems we are considering moving the site to a new host.

So that I can fully be aware of any difficulty members have with the site, it is important that you provide me with feedback via my e-mail – [pdziuk@mn.rr.com](mailto:pdziuk@mn.rr.com) – of any outages, access problems, etc. that you might have. If I get enough indication that problems still exist, I will take action to change the site over to a new provider.

In the event that [www.tcrconline.com](http://www.tcrconline.com) is down, I maintain a backup site at [www.dziukville.com/tcrc\\_new](http://www.dziukville.com/tcrc_new). In the event that you do have to use the back-up access, remember that you will not be able to access the Forum from that site.

Members have been great about sending me pictures of TCRC events, and I have usually been able to get all of them onto the website quickly. Also, an up-to-the-minute calendar is maintained on the site. Take the time to visit TCRCOnline.com frequently. ☺

# Buying & Selling On e-Bay

by Jay Bickford

Most of you that know me pretty well know that I sell and buy quite a few items on e-Bay, the online auction site. I am also guessing that many of you are not too familiar with the site and how it works, so I thought I would give you a quick run down on some of the ins and outs of selling and buying on e-Bay.

First of all, I have a fault to admit. Well maybe not a fault, but that is what my wife calls it. I am a terrible hoarder. I keep stuff. Lots of stuff. Old or new, it really doesn't matter. If I think I may have a use for it at some time in the future, I hide it away somewhere. And actually this has worked out to be an advantage, because it has given me a pretty good supply of stuff to sell on e-Bay. And selling stuff I already have has helped fund my RC hobby. And since the money for the hobby is not coming out of the general family budget, it sits a little better with the better half as well.

Here are just a few examples of things I had laying around the house that I recently sold on e-Bay.

- Aurora Space Shuttle Orion Plastic Model Kit from 2001-A Space Odyssey. Sold for \$100.
- Aurora Ragnarock Orbital Interceptor Plastic Model Kit – Sold for \$100.
- Assorted old Tom Swift Hardcover books – Sold for \$10 to \$70 each.

- Aurora AFX HO scale slot cars – Sold for \$14 to \$22 each.

You get the idea. And best of all for us, there is a lot of RC airplane stuff on e-Bay, whether you are a buyer or a seller.

## Buying on e-Bay

Getting set up as a buyer on e-Bay is simple. All you need to do is register. Just go to [www.ebay.com](http://www.ebay.com) and follow the registration instructions. It is also helpful to set up a PayPal online payment account at [www.paypal.com](http://www.paypal.com). Most buyers and sellers prefer to handle their payments through PayPal, and you will usually get your purchased items faster if you pay this way. You do have to register a credit card online with PayPal, but the sellers never see your number. Only PayPal does. This makes your online transaction much more secure. If you don't feel comfortable giving out your credit card number to PayPal, most e-Bay sellers will also accept USPS Postal Money Orders. However, check the specifics in the auction before bidding. Some sellers only accept payment via PayPal.

## Selling on e-Bay

While selling on e-Bay is not hard, it is a bit more complicated than buying. First of all, you have to register. If you have already registered as a buyer, you are ready to go as a seller as well.

The next item you need is a digital camera to take pictures of the stuff you want to sell. You can also use a regular film camera and have a CD made during your film processing, but this is more expensive and time consuming than going the digital route. Items listed

with clear detailed photos bring more money than those that aren't. Also, make sure you write an accurate description for the item, including any defects or damage.

Next, if you are new to e-Bay selling, it is a good idea to sell a few inexpensive items first to get the hang of it and to build up your e-Bay feedback profile. The feedback profile is a valuable asset on e-Bay. It tells people what kind of a buyer and seller you are to deal with. So it is a good idea to build up some positive feedback before you try to sell that prized possession. Also, even though it sounds counter intuitive, list your auctions with no reserve price and with a low starting bid price. You will get more money for your items and more interest in your auction if you do it this way. If you are concerned that you won't get what you think you should out of an item before you list it, do a search for completed auctions for items that are similar to yours. This will give you a pretty good idea of what your item will bring.

Veteran e-Bay sellers will also tell you that there are certain days and times to end auctions that bring more money. I have found that Sunday evening is a great time to end an auction. Most people are home and getting ready to start the work week. Basically, if it is prime time for TV, it is also prime time for ending e-Bay auctions.

I hope this has whetted your interest a bit for the excitement and profitability of online auctions. If you have any questions about getting started buying or selling on e-Bay, just drop me a line and I will be glad to help. ☺

# Fall Float Fly September 11<sup>th</sup>

The TCRC Fall Float Fly is just around the corner. As always, it will be held the 2<sup>nd</sup> Saturday of September – which is September 11<sup>th</sup> – at Bush Lake Park in Bloomington. Start time will be 11:00 AM.

CD for the event is Jim Cook, as it has been for several years, and he is predicting great weather and beautiful planes for the event. The weatherman saved lots of nice warm days that weren't used in August, and one of them will be September 11<sup>th</sup>.

Get a set of floats on one of your planes and be a participant at TCRC's Fall Float Fly on Saturday, September 11<sup>th</sup>. Even if you don't plan on flying, come on down and enjoy a great fall day watching some of the neatest R/C planes around soaring off of the waters of Bush Lake. Bring a friend or two also. ☺

# TCRC Rosters

The 2004 edition of the TCRC Roster was handed out at the August meeting, and at the Model Aviation Day held on August 14<sup>th</sup>.

Those members who were not at either of these two club events should receive their roster in the mail around the first week in September.

Mike Timmerman had a prototype of the roster on the club website for about a month so that members could review and update their individual data prior to the publishing of the hard copy.

Thanks to Mike for putting his time and effort in the 2004 TCRC Roster. ☺

**TCRCOnline.com**  
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# New Member

Dave Varner became the newest member of TCRC in August. Dave lives with his wife Chris at 18804 Nature Lane in Eden Prairie, 55346. Their phone number is 952-934-8194. His e-mail address is [dvarner1@mn.rr.com](mailto:dvarner1@mn.rr.com). Dave is a newcomer to the hobby and currently has a Hobbico Nexstar and an electric trainer.

When you see Dave at the field or a meeting, be sure and introduce yourself and welcome him to TCRC. ☺

# Calendar

- Sept. 14      TCRC Membership Meeting, 7:00 PM  
Room H195  
Hennepin Technical College  
Eden Prairie
- Sept. 11      Fall Float Fly  
11:00 AM  
Bush Lake Park  
Jim Cook
- Oct. 16      TCRC Season Finale  
CD Jay Bickford

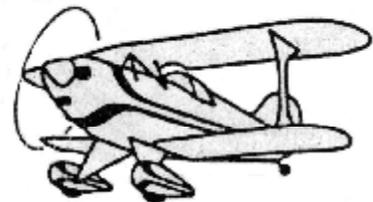
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## Y-2K All Season Flyer Patch A Reality (Almost)

When the new millennium arrived, TCRC had great plans to provide the club's AMA All Season Flyers with a Y-2K patch to commemorate their achievement.

It has taken quite awhile to find a company to manufacture the patch. That has finally happened, three years later! The award will be a lapel pin that is 2.25 inches in diameter. The artwork looks as shown below:



Jim Ronhovde took it upon himself to push this project to completion.

According to records kept, there are 13 TCRC members that qualified to be awarded this pin at the end of the year 2000. Those members are: Scott Anderson, Kent Anderson, Erik Anderson, Jim Cook, John Dietz, Brian Duncan, Ken Duncan, Jerry Dunne, Stan Erickson, Don Olson, Jim Ronhovde, Rick Smith and Dan Stensby. If you are aware of

other TCRC members that qualified for the 2000 ASF award, please let Jim Ronhovde or Jim Cook know.

The arrival date for the ASF pin has not been determined as of this time.

Thanks to Jim Ronhovde for bringing this to a very nice-looking completion. ☺

## Electric Starter Safety

People who start engines by turning on an electric starter and jamming it against the spinner or prop hub are acting in an unnecessary and hazardous manner. This could slip and go into your hand, break props and needle valves or tear up your fuselage. Place the starter firmly against the engine, and then turn it on. This will save a lot of broken equipment and will create enough torque to turn your engine over effectively.

(Reprinted from AMA National Newsletter, Muncie, Indiana.) ☺

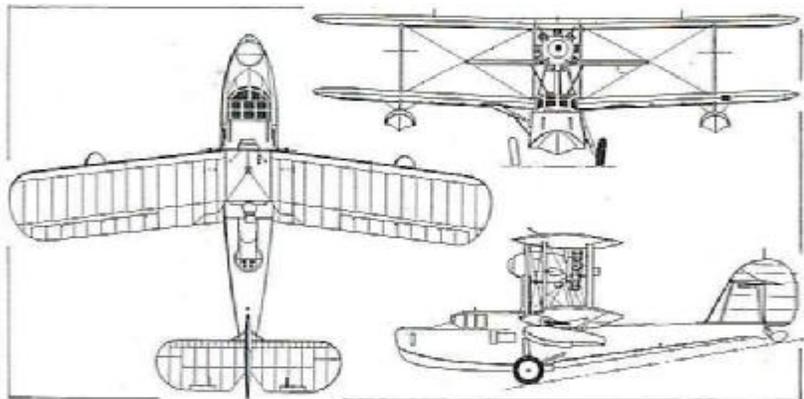
## Pinch Test

If you pinch the fuel line and the engine speeds up, it is on the rich side of the adjustment. How much it speeds up shows how close you are. If it speeds up a lot, you are rich. If it speeds up just a little, you are just right. If it doesn't speed up at all, you are just going lean. If it slows down, you are lean. This test temporarily starves the engine for fuel and is reliable to test for a too-lean condition. At full throttle, quickly pinch the fuel supply line. The engine should momentarily increase rpm before starting to die. If it starts to die immediately, then it's already too lean and should be adjusted.

(Reprinted from *Pulse*, newsletter of the St. Paul Model Radio Controllers, St. Paul, Minnesota, Larry Gaalaas, Editor.) ☺

**TCRC Fall Float Fly  
September 11th**

## September Mystery Plane



Editor, Jim Cook  
1075 Miller Street  
Shakopee, Minnesota 55379

## TCRC Flight Line A Busy Place!



The piloting stations at the TCRC Jordan Field were filled to capacity during the Model Aviation Day on August 14<sup>th</sup>. The club kept three buddyboxes going constantly to give every guest who wanted to get a feel for R/C a chance to handle the sticks. ☺

### 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.

#### 2004 Officers

President	Scott Anderson	952-934-1471
Vice President	Jay Bickford	952-890-5678
Secretary	Conrad Naegele	952-545-5421
Treasurer	Rick Smith	952-949-9648
TCRC Information Line		763-391-3443

#### TCRC Flare-Out

Editor	James R. Cook	952-445-5257
Publishers:	Pat Dziuk	952-445-3089
	& Mike Timmerman	952-496-1631
Website:	<a href="http://www.tcrconline.com">http://www.tcrconline.com</a>	