



May

Minneapolis, Minnesota U.S.A.

2008

## April Fool Fun Fly Herald's The Warm Weather Season

by John Dietz

As scheduled the April Fools' Fun Fly weather was almost perfect. The temperature was around 60 and winds were quite mild. The only problem was with the parking lot, or to be more precise, going past the edges of the parking lot. There, it was very soft and muddy, as several members found out. Thanks to those who helped push.

Rademacher flew for the first time, and some EDF jets that were reaching what appeared to be in the 100+ mph area.

A few people had their electric pylon racers out for test flights. The pylon races that Wayne Rademacher has scheduled for this summer look like they may be as exciting as combat flying was when it was simple and affordable by the regular 'Sunday flyer' type of guy.

From the people and planes that were present, I'd say that an interesting flying season is ahead at the TCRC field. Come on out when mood strikes and enjoy the people and planes that make this club such a fun place to hang out. ☺

### New Members

Two new members joined TCRC at the April meeting.

Cushing Hamlen and his son Benjamin live at 6820 Wooddale Avenue in Edina, 55435. Their phone number is 612-812-8764. They have a Nexstar Trailer and will be seeking instruction into our great hobby.

When you see Cushing and Benjamin at a meeting or the field be sure and introduce yourself and welcome them to TCRC. ☺



A shot of the many pilots and spectators that came out for the April Fool Fun Fly. (Photo by Pat Dziuk)

The event was well attended by around thirty members and visitors. Several new planes and some that had been 'gone over' during the winter made for some interesting sights.

Among the more interesting planes were a turbine-powered jet, built and owned by Dave Schwantz, a large electric pattern plane that Wayne

# From The Cockpit Of The President

by **Scott Anderson**



Wow! Last month I commented on how spring was upon us. John Dietz reported on a warm and sunny April Fools' Fun Fly and here on the last weekend of April we have snow. Only in Minnesota can we have such variety of seasons! I'm going to risk it here and predict a warm and sunny May for flying.

## April Membership Meeting:

We had a great turn-out for the first meeting of spring. The CrossPoint meeting room was full of familiar faces we had not seen since last fall. I know it's a great time to catch up but I feel I have to remind the attending members that the meeting is not over until the program is complete. Please do not start conversations with your neighbors until after the presentations are complete. It is rude to our guests and speakers to ignore them while catching up with your neighbors. If you feel the need to have a conversation while the meeting or program is in session I recommend that you quietly leave the room as to not disturb the other members and guests.

The Show and Tell was the who's who for electric flyers in TCRC. Prolific builders and skilled pilots Paul Doyle and Gerry Dunne had many aircraft. Wayne Rademacher showed his electric pattern plane and demonstrated the power of the electric package. Stan Erickson showed an ignition engine from the 40's-50's on a test stand.

## PROGRAMS:



I gave a presentation on simple, just for fun, RC Combat. I brought a sample of an aircraft known as the SPAD (Simple Plastic Airplane Design) Gnat. (See photo to the left.) It is a very simple and CHEAP aircraft powered by a stock OS .15 and controlled using standard servos. The fuselage is a section of aluminum channel and the wings and tail are built from corrugated plastic sign board recycled from the last election. The engine mount is cut from a Wal-Mart poly cutting board. I picked one up for \$2.00 and it has enough material for 6 airplanes! I shared copies of the plans for those who want to get a head start and have their built before the event. We are planning a Just-for-Fun event for Saturday May 17<sup>th</sup>. We already have 6 pilots from nearby clubs signed up to participate so it should be fun! I'll be posting a link on the website for TCRC RC Combat for this event as well as a future SCALE RC Electric Combat event!

## My Shop Update:

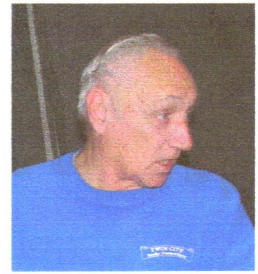
I'm still putting the servos into my latest eBay acquisition; a BME-50 powered Ultimate Bipe. Jeremy Steinmuller helped me get a JR DS8611A for my rudder. It was about \$30 less than the newer 8711 but it still has a 330 in-oz kick! I can't believe how fast and strong the rudder kicks over using the 8611A. Jeremy also told me that Rick Smith had just purchased a new JR 9303 2.4 GHz radio as part of the JR/Spektrum 2.4 GHz Give Away. When you buy a 2.4 GHz Spektrum or JR radio or Module system you can buy up to (2) additional receivers and get (2) more for free. A buy-one get-one free deal. Naturally I stopped in to Sky Hobbies and

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# From The Cockpit Of The President

## Safety At The Field

By Larry Couture



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played with the 9303 and soon walked out with an arm load of JR & Spektrum 'toys'. I could not believe how user friendly and versatile the JR systems are to use. Now I'll be selling off my Futaba 9C, Super 7 and a few hundred other Futaba servos and parts. I'm also looking to sell off some of my dozen Futaba FASST receivers, radios and Modules. It will take me some time to get my eBay auctions together so talk to me if you are looking for something. I may have it!

### May 13<sup>th</sup> Membership Meeting:

Our next meeting will be Tuesday May 13<sup>th</sup> at CrossPoint Church. Vice President Steve Meyer will be presiding as I will be in Spain wishing I were there with you. Chris O'Connor & Steve Meyer have promised an exciting program to challenge the high quality electric programs we've had this year. The subject will be the LOW COST AND HIGH FUN content of building and flying BIG BIRDS. (Chris had explained over coffee last month that they are Low Cost as compared to those 'expensive' electrics.) A big bird is any large aircraft with a wingspan over 70". This is different from 'Giant Scale' where many people assume it must be a giant scale warbird. Chris will be hosting a BIG BIRD FUN FLY at the TCRC Model Air Park later this summer and any member or AMA

Well here it is May of 2008 and time sure flies when your having fun. I was on vacation flying in Yuma for a couple weeks (Every morning 8 to 11), the weather was beyond belief -- 50 to 60 degrees, sunshine and no wind. Now I am back home today the 26<sup>th</sup> and it is 30 degrees and snowing with winds of about 15 to 20 and flying is not in the program.

I have been out to the field a couple of times and done some flying. I was at the April Fools' Fun Flyer. The turn out was great and the weather superb and a good time was had by all.

There were no mishaps or outstanding rule violations so my job as safety officer was non-existent. This says to me that we are all aware of, and obeying the rules and that is just great so let's as a club keep this up through the whole year.

The rules that are to be followed are found in the front of the TCRC Roster, of which there are 20 rules in the TCRC section and 12 in AMA general rules and 10 AMA in RC control rules this making a total of 32 rules to follow. Some of these are just the same rule in a different venue. I will now suggest that when the new roster comes out next month that each one of us takes the few minutes to review these rules so that there will be no violations by anyone during the coming flying season.

There is always one thing I liked 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.

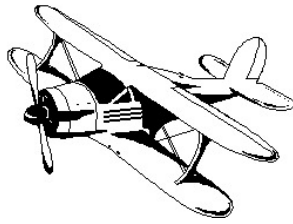
Thought for the day: Fly often , have fun and crash less, and as usual all landings from which you can fly again are great but not always graceful so keep the rubber side down. ☺

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member can bring a large aircraft to fly. It will be a terrific day of sunshine and fellowship.

I have to sign off and get back to work! We will see you at the next meeting or the field. ☺

# Show & Tell



Show & Tell just gets bigger and bigger!



Paul Doyle had his new F-16 electric ducted fan. This plane was built for Paul by Dave Schwantz and was done in the Thunderbird color scheme. It had not flown as of the April meeting.



Gerry Dunne had his new F-86 built from a kit. This foamy was done in silver with yellow trim and Gerry said it was somewhat docile in the air.

Gerry Dunne also had his new P-38 Lightning done from a foam kit. (See picture to the right.) The plane was done in light green and although the twin engines were not counter-current, they performed nicely. Gerry loves how well the plane performs in the air.



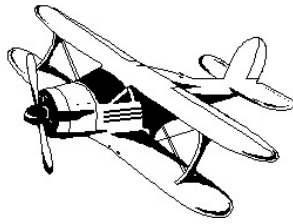
Gerry also had a nice electric sport plane at the April meeting. This plane had a white fuse with red, blue and yellow trim. The next week the plane was destroyed when the wing folded during flight at the field.



Jim Ronhovde had his newest electric at the meeting. This was a Synapse Jet that came with all of

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# Show & Tell



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the servos, engine. This was a gift from his wife Janice and had not flown yet. He also had a new Futaba 7-channel 2.4 Gig FFAST transmitter to fly the jet.



Paul Doyle had a beautiful electric ME 262 done in green/gray camouflage. Paul had hand air-brushed this twin ducted-fan. It was furnished with the stock motors and controller.



Stan Erickson had a 1940's-era ignition gas engine that he brought to show the membership.

Wayne Rademacher had a very nice 60-90-size electric pattern ship at the meeting. This white and pink plane has had one flight. During that flight it developed a servo problem but Wayne was able to get

it down safely. The picture below shows Wayne and VP Steve Meyer holding it under a full-power run up.



Conrad Naegele had a scratch-built plane that he made from an old Free-Flight craft from the 1940's. He had taken the old plane apart, made copies of the parts and then rebuilt the plane into a 3-channel electric. It was covered in a purple clear Monokote with yellow trim, and hadn't flown as yet.



Rick Smith had has GWS Zero built and ready for the electric pylon racing starting this month. ☺

# Ramblin's From The Right Seat

by Steve Meyer



As I write this column for the newsletter on the last days of April we have gone from a sunny 75 degrees to snow within two days so this means it's spring in Minnesota. So now it's the time to look over those planes that have been unused for several months. I have put together a list of things to look for when checking your plane out for that first flight.....and some things should be looked at for every flight:

1. Check your batteries in the plane as well as in your radio. If you don't have a good charger / recycler get one. When you find a weak battery pack replace it with a new battery pack.
2. Check that your control surfaces are tight and none of the hinges are cracked or broken.
3. Inspect control horns and linkages and tighten and adjust as needed. Replace any that may look weak or damaged.
4. Look at the propeller and replace if it is cracked or nicked. Retighten it to the engine and look at the condition spinner (if used).
5. Tighten the engine to the mount and the mount to the firewall.
6. Inspect fuel lines to the engine/fuel tank and electric wires to the ESC. Make sure the fuel tank /speed control are still secured to the plane. Check that the "clunk" in the fuel tank moves correctly.....gas lines get stiff.
7. Receivers and servos should all be tight as well as their wires and control linkages.
8. Check all hatches and wing hold down blocks to make sure they will hold as needed.
9. Tighten landing gear, wheels, and wheel pants.
10. Clean and "tighten" the planes' covering to get rid of the wrinkles. Also make any repairs that were just put away last fall....."I'll just get to this repair during the winter."
11. Start and tune your engine and look for any fuel leaks or a loose muffler. Electric guys need to check power output and prop size.
12. Check your flight box for any needed new supplies.
13. If your fuel has sat over the winter in an unsealed container it should be replaced.
14. Are YOU ready?

More could be added to this list as we think about it but the important thing is to preflight your plane before each flight or after any HARD landing to make sure the plane is flight worthy. If you have any questions ask someone else to look the plane over. We work hard to put our airplanes in the air so let's keep them there.

The program in May will be on Giant Scale/Big airplanes. We will display some good examples of aircraft from this side of our hobby. Remember it's been said "Bigger Flies Better". ☺

## Members Not Renewed In 2008

According to our treasurer, the following members did not renew their TCRC membership in 2008:

- Boyd Bowdish
- Jim Cooper
- Duane Cote
- Jeffrey Diesch
- Bruce Ferche
- Jay Gartin
- Nolan Gartin
- William Kelly
- Justin Koch
- Mike Madsen
- Brian McCutcheon
- Chris Miller
- Don Olson
- Peter Sirany

If you have a chance to see to talk to any of these former members, let them know that they have not renewed their TCRC membership for the year, just in case it was an oversight. ☺

# SAAB MF -1-15 Supporter

by Conrad Naegele

The April Mystery Plane was the SAAB MF-1-15 Supporter.



On July 11, 1969, Sweden's SAAB flew the prototype of the MF-1, called the Safari, as a 2-3 seat civil/military trainer, or general utility aircraft. It was originally powered by a Lycoming IO-320 flat four-engine of 160 horsepower, and had a conventional low set tailplane, which was quickly converted to a 'T-tail' configuration to protect the tailfeathers on unimproved or rough fields. In 1971, a second prototype was flown with a 200 horsepower Lycoming. This was a braced shoulder-wing plane of mostly metal construction, with some fabric. Primarily a tricycle-gear plane, a taildragger configuration was made available. Side-by-side seating, with room for a 3<sup>rd</sup> person, dual controls.

A third model was produced with a 210 horsepower Continental engine, provision for underwing ordinance, target towing, and observation. The 210 horsepower version was turbocharged. Planes were provided to Pakistan, Royal Danish, Zambia, Uganda, and Iranian air forces.

A great story about the Supporter and a 'soldier of fortune', Count Carl Gustav von Rosen, and his African adventures, can be found in the book, *Epic of Flight*, and how the MF-1 was fitted with up to 12 3' rockets, used in the war between Biafra and Nigeria.

The SAAB MF-1 had a wingspan of 29 feet, a gross weight of 2,640 pounds, and a top speed of 146 miles per hour. ☺

## Calendar

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|-------------------|--|
| <b>May 3</b>      | <b>Jordan Field Clean-Up &amp; Fun Fly</b><br>10:00 AM   |
| <b>May 10</b>     | <b>Spring Float Fly</b><br>Bush Lake<br>11:00 AM<br>Jim Cook   |
| <b>May 13</b>     | <b>TCRC Membership Meeting, 7:00 PM</b><br>Fellowship Hall<br>CrossPoint Church<br>Bloomington                 |
| <b>May 17</b>     | <b>'Just For Fun' Combat Meet</b><br>10:00 AM<br>Jordan Field<br>Scott Anderson                                |
| <b>May 18</b>     | <b>Electric Pylon Racing</b><br>Jordan Field<br>Noon – Warm Up<br>1:30 PM First Race<br>Wayne Rademacher       |
| <b>May 18</b>     | <b>Sky Hobby Swap Meet, 8:00 AM</b><br>7138 Chicago Ave. S<br>Richfield<br>Jeremy Steinmueller<br>612-861-5587 |
| <b>May 24</b>     | <b>Building Contest</b><br>11:00 AM<br>Jordan Field<br>Jay Bickford  |
| <b>June 14</b>    | <b>TCRC Flag Day Invitational Fly-In</b><br>Jordan Field<br>Bill Jennings                                      |
| <b>June 28,29</b> | <b>TCRC Electric Fly-In &amp; Camp Out</b><br>Jordan Field<br>Gerry Dunne                                      |

# 2008 TCRC Roster Coming

# April Fool Flying At Jordan Field

The 2008 edition of the TCRC Roster has been printed and will be distributed to those members at the May membership meeting.

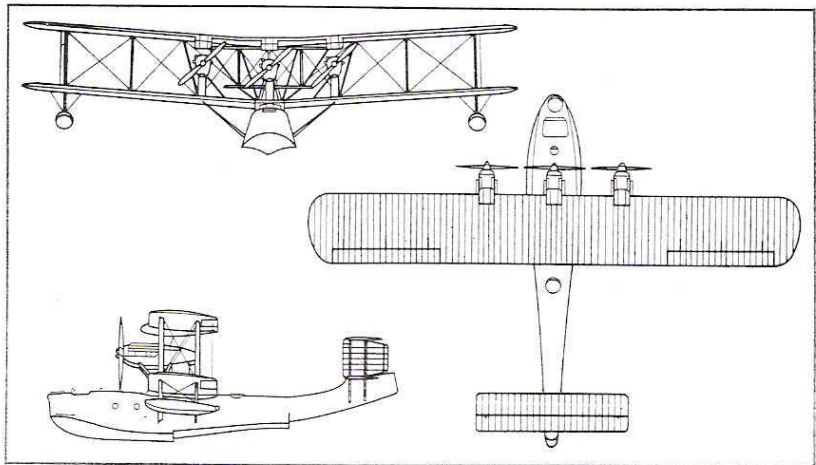
The Roster contains all of the vital information about the club's members, including pictures, frequencies, phone numbers, etc. Pat Dziuk and Mike Timmerman update all of the information on each member and print the roster in the month of April. In addition to member information, it has the TCRC Field Rules, the AMA Safety Code, Field Map, directions to the field, directions to TCRC's alternate flying site at the Scott County Fairgrounds, internet links, and local hobby shops.

An electronic version of the 2008 TCRC Roster can be found in the 'members only' section of the club website, TCRCOnline.com.

Thanks to Pat and Mike for all of the time that is involved in keeping the roster current. ☺



## May Mystery Plane



**Wow!**

*May Special!*

**E-flite 450 Brushless Motors \$49.99**

**E-flite 25A Speed Controller \$39.99**

*Valid until 6/1/2008*

**Best Prices & Selection!**

# Sky Hobby

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**Store Hours:**  
**10-7 M - F**  
**10-6 Saturday**  
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Jeremy Steinmueller-Proprietor



## 2008 TCRC Building Contest

by Jay Bickford

It's time again for the annual TCRC Building Contest! This year I would like to encourage everyone to bring out their new planes even if you don't intend on entering them into the official judging. I think it would be great if this could almost be a giant "Show and Tell" where everyone gets to show off their new toys.

The contest will again have our four traditional categories, but due to the increasing numbers of electrics out there, a new Small Electrics category is being added this year. The categories are: Trainer, Sport/Pattern, Scale, ARF, and Small Electric. Small Electrics will include any airplane up to about the size of a .20-sized glow plane, or about 3 pounds, or 48 ounces. If you have an electric-powered plane that you would like to enter into another category, you can. There will be Sky Hobby gift certificates for the winners of each category. There will also be an additional prize for Best of Show.

The contest will be held at the Jordan Field on Saturday, May 24<sup>th</sup>. In case of bad weather the contest will be held June 10<sup>th</sup> at the regular membership meeting. I (Jay Bickford) am the chair for the Building Contest, so if you have any questions, give me a ring. I will be arriving at the field at about 10:00 am or so to set up. The announced start time of the contest is 11:00 am.

Following the judging, a lunch will be served to all in attendance. The field will be available for open flying all day.

Come on out to the Building Contest on Saturday, May 24<sup>th</sup>, and make it a great TCRC event! ☺

## Spring Float Fly May 10<sup>th</sup>

The annual TCRC Spring Float Fly is scheduled for Bush Lake Park on Saturday, May 10<sup>th</sup>. Start time is 11:00 AM.

CD for the event is Jim Cook and he is expecting lots of members from other clubs to be present with some very nice aircraft on floats. Bush Lake Park is an ideal place for flying a plane off of the water. The beach is such that it is almost impossible for a wind to adversely affect take-offs and landings.

Plan on coming down to Bush Lake Park in Bloomington and be a pilot and a spectator at the Spring Float Fly. ☺

### For Sale

**HET-RC F-18 Blue Angel Kit**

**New In Box**

**This is a ducted fan F-18 Kit.**

**\$100**

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612-987-6342**

**[Madmech63@msn.com](mailto:Madmech63@msn.com)**

## Minnesota River To Affect Jordan Field

As of press time, the Minnesota River is expected to crest at Jordan at 20 feet, which is 1.5 feet above the flood level for TCRC's Jordan Field. The crest is scheduled to occur on April 30<sup>th</sup>, and remain above TCRC's flood stage until May 4<sup>th</sup>.

Although this is a very short period of time and should do almost no damage to the field, it will still necessitate that the field not be used for one to two weeks.

The alternate flying site at the Scott County Fairgrounds will be the operational flying site until the water has receded and the field has had time to dry.

If you do fly at the Fairgrounds site, be sure and notify TCRC treasurer Mike Burk when you were there so he can maintain records and compensate the Scott County Fairgrounds Board.

Watch TCRCOnline.com for up-to-the-minute updates on the Jordan Field status. ☺

**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.**

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

## Beautiful Turbine Flies At Jordan



Dave Schwantz rests after having flown his beautiful turbine-powered jet at the April Fools' Flyer at the Jordan Field. Dave is the TCRC turbine guru and his planes are beautiful both on the ground and in the air. (Photo by Pat Dziuk) ☺

### THE TCRC FLARE-OUT Monthly Newsletter



### \*\* TWIN CITY RADIO CONTROLLERS INC. \*\*

**Purpose:** To preserve, encourage, and further develop the hobby of building and flying radio controlled model airplanes.

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