



April

Minneapolis, Minnesota U.S.A.

2015

R/C Is A Great Hobby and TCRC Is A Grand Old Club

by Jim Cook

The ice going out of my lake in Wisconsin is a definite statement that winter is over and spring is coming on strong, and it made me think of the upcoming R/C flying season and the many springs I have had as a member of TCRC.

I was introduced to the members of TCRC when my then 12-year-old son Jeff (He is now 40!) wanted to learn to fly R/C and had purchased a SIG Kadet kit. At that time TCRC held its twice-monthly meetings in the TCF building at Knollwood Plaza. We were introduced as guests and we explained we needed lots of info on the hobby. We couldn't believe the friendliness of the members and their willingness to help us in every possible way to make our debut into the hobby a success.

Back then the club was pretty well divided into two groups -- Mode 1 and Mode 2 flyers -- and each side tried hard to persuade us that their mode was by far the best way to learn R/C. In our case, Mode 2 prevailed and we purchased our Futaba 6-channel AM radio that week.

In 1986, TCRC still owned its own flying site, but it was located a few miles east of our current site in Jordan, still in the Minnesota River flood plain. To get to the runways you crossed a small bridge over a creek that was just south of the pit area. Over those first years, my second son Scott would bring his fishing pole and sit on that bridge while Jeff and I were learning to fly.

Our first day at the field with the SIG Kadet done in its red and gold Monokote will always be in our memories. At that time there were four members who did a lot of flight instructing -- Ed Mechola, Jim Ronhovde, Stan Erickson and Jim Miller. Ed became our primary instructor and he and several other members spent considerable time looking over our completed Kadet to make sure everything was in order.

After making many corrections to the plane, Ed pronounced it ready and that we would take to the air as soon as Stan Erickson landed his red and white giant scale plane he was flying. As we watched, Stan's plane developed a fatal mechanical problem and made a spectacular crash in the middle of the runways, demolishing the aircraft totally.

In 1986 trainer cords and buddy boxes were somewhat scarce and we were going to do the good old passing the transmitter back and forth between instructor and instructee.

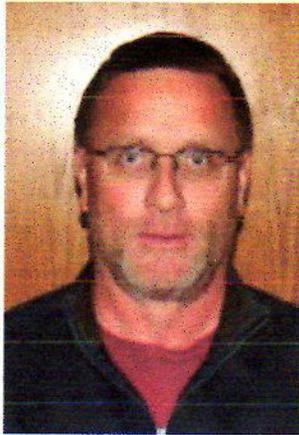
Still a lot shaken from Stan's crash, we watched as Ed taxied the plane onto the runway, cleared the engine, announced take-off and down the runway went the Kadet. Seeing Jeff's plane rise from the runway and slowly climb into the sky before gently banking to the right was a wonderful experience, only eclipsed by the experience a few weeks later of doing the same thing with my thumbs on the Tx!

We spent some wonderful days at the Jordan field learning to fly. For me, the time between flights sitting in the shelter with Ed and the other pilots and reflecting on various aspects of R/C was almost as much fun as putting air under the wings of

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A Note from The Head Wing Nut

By Bob Briesemeister



Hello Members,

The flying season is approaching very fast and for some of our members has already begun with some of the nice days we have had so far. Please use your better judgement when going to the field. The frost is still coming out of the ground and the road and parking lot are soft. Also please park in the parking lot and not up by the fence so not to rut up the grass areas. After things dry up and the road restrictions are off, the plan is to haul in more gravel for the driveway and parking lot.

Please remember when you are at the field flying that your membership card needs to be posted for both 2.4 and FM radios. I have also heard of a few planes that are already in the trash or being repaired. Go through your check lists before that first flight to possibly avoid a crash due to a simple problem that could have been avoided.

The April Fools Fun Fly will be held on Saturday the 4th of April so if you haven't done so already dust off your planes charge your batteries and come to the field so you can get the cobwebs out of your head with a few flights. As always the 10/10/10 rule applies. For the new members this means 10 o'clock, under 10 mph winds and 10 degrees or higher, which should not be a problem I hope.

On May 2nd the plan is to have a clean-up day at the field with flying to follow. A list of tasks will be put together by the board and suggestions are always welcome. The club has a few other events coming up in May. The first will be the Building Contest at the May membership meeting on the 12th. Tim Wirtz is the chairperson for this event so contact him with any questions on the different classes that you may enter in. As in the past years, I will be a judge so I am always open to bribery. The next event is the Spring Float Fly at Bush Lake. The event will be held on May 17th from 10-2. The chairperson for this event is Steve Meyer. Contact Steve with any questions.

At the March meeting the names of 20 volunteers who worked at the auction were drawn from the list of all who worked at the auction and

each won a \$25.00 gift certificate to Hobby Warehouse. I would again like to thank everyone who worked at the auction and made it a huge success. The winners were:

- Steve Meyer
- Allan Boucher
- Rich Voeltz
- Morgan Larson
- Ben Hocker
- John Dietz
- Mike Robin
- Mike Timmerman
- Sherwood Heggen
- Scott Anderson
- Brian Sulheim
- Tim Kepner
- Rich Raming
- Darryl Volk
- Dave Erickson
- Jonathon Erickson
- Gerry Dunne
- John Hanna
- Conrad Naegele
- Joe Selzler

At the April 14th membership meeting the airplane up for raffle will be a Hanger 9 Twist 3D 60 ARF. This plane can be powered by nitro or electric. Join the fun and take a chance only \$5 for each number you choose. Good luck and see you at the field or meeting.

Happy Flying!

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.

TCRC A Grand Old Club

Continued From Page 1

the Kadet. Youth is not quite as patient and Jeff would have much preferred to fly, land, refuel and repeat. Those of you who remember Ed Mechola know that that was not going to happen.

Jeff never did solo. I think other aerodynamic shapes started catching his eye and distracted him from R/C. But thanks Jeff for getting me into this hobby.

On the day I soloed, Ed called me over and, in the presence of John Krekelberg and Bud Stitt, presented me with my 'glow plug pin' which Ed had crafted. Ed passed away a few years ago, as have John Krekelberg and Bud Stitt, but they were representative of every member of TCRC. Loving R/C and wanting to share that with anyone wanting to get into the hobby.

Over the years I have visited many clubs and flying sites, and met many hundred R/C enthusiasts. I have traded monthly newsletters with editors from 100 or so flying clubs across the country. But there is no club and no membership that can hold a candle to TCRC!

R/C is a great hobby and TCRC is a grand old club! J



Veep's Corner

By Corey Kaderlik



Hey, everyone! I hope you are all enjoying the great weather we are having this spring. I hope everyone is getting an opportunity to fly at the field, but please use caution as to getting down to the parking lot as the road is not in the best shape and we won't be able to put any gravel down until it dries and road restrictions are lifted.

Also remember to clean-up after ourselves and try to leave the field in better condition than when you arrived. Let's all do our part.

Happy flying!

J

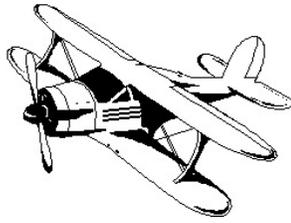
March Raffle Winners



At the March meeting there were two happy winners at the monthly raffle. Mike Bellefeuille won the Parkzone P40 Warhawk and Jim Lundquist won the Horizon UMX Pitts biplane.

This month a Hanger 9 Twist 3D 60 ARF will be up for grabs. Chances are only \$5/each and you may enter as many times as you wish. Come to the meeting on April 14th and be the next winner of the TCRC monthly raffle. J

Show & Tell



Four nice airplanes showed up at the March membership meeting.

wingspan and weighed 4.9 pounds. It was a Dynam foamy ARF and was powered with two BM 3512 electric motors. Joe had repainted the foam with house paint and had added retracts and flaps. As of the meeting the plane had yet to fly.



Sherwood Heggen had yet another plane from yesteryear, this time a Model Tech Dragon Lady. This is an ARC and it was covered with white Ultrakote with yellow scalloped leading edges and trim. It was powered with a glow Saito 120 4-stroke engine. It had a wingspan of 66-inches and weighed in at 9-3/4 pounds. The maiden flight is scheduled for this spring.

Jack Stewart had an Extra 300S built from a Great Planes kit. It was done in red, green, yellow and white Ultrakote, had a 58-inch wingspan and weighed in at 7 pounds. It was powered with an OS Max 65 AX glow engine. Jack put the maiden flight on the plane and said the flight was great but the landing poor, due to pilot error.



Prolific Joe Neidermayr had a very nice Bf 110 twin-tail done in gray German colors. It had a 55-inch

Joe Neidermayr also had a great looking Bf 109 done in German camouflage. This was an FMS ARF and had a 55-inch wingspan. It weighed in at 2-1/2 pounds. It was powered with a 4250 electric motor. Joe had added retracts and flaps to this plane also. The maiden flight will be scheduled for this coming spring. J

TCRC Membership Report

by **Bernie Gaub**
Membership Director

The 2015 TCRC membership count is now at 112 members, including three new members during this period. All have received their badges.

New Members:



Cedric A Beutler resides at 5560 Fairlawn, Prior Lake, 55372. His phone number is 952-412-7713 and his email address is cabeut@Integra.net. He has 2 years flying experience using 2.4 GHz and has a number of aircraft available to fly.

Duane J Murphy (sorry, no picture available) resides at 8616 Zenith Rd, Bloomington, and does not have an email address. He has been flying Mode 2 for 45 years and has a number of aircraft available to fly.



James S Rauser resides at 6501 Hunter Ed, Corcoran 55340. His phone number is 952-992-9578 and his email address is jim.rauser@gmail.com. He has 5 years flying experience using 2.4 GHz and has several aircraft available to fly.



Joey Selzler resides at 1401 Essex Court in Apple Valley 55124. His phone number is 612-877-6218 and his email address is aabe51@googlemail.com. He has been flying for six years and has several planes.

When you see Cedric, Duane, James and Joey at a meeting or the field be sure and introduce yourself and welcome them to TCRC. **J**

2015 TCRC Dues

With the arrival of the new year comes the time to renew your TCRC club dues.

The TCRC board of directors elected to leave the dues the same as 2014:

- Regular \$85.00
- Junior \$42.50
- Social Affiliate \$30.00

Dues invoices were mailed out in December. Included in the mailing were a copy of the TCRC Field Rules and a certification a member must sign that shows the member has read the field rules and will follow them.

Remember, to be a member of TCRC you must be a member of AMA and supply proof of that membership at the time of your TCRC renewal.

Your TCRC dues can be paid to membership chairman Bernie Gaub at a meeting or by mailing them to Bernie at:

Bernie Gaub
11037 Stanley Curve
Bloomington, MN 55437

The TCRC board also held the initiation fee for new members or members who had not paid their dues for the previous year. The initiation fee is \$75.

Take the time to pay your 2015 TCRC dues today. **J**

TCRC New Holland Tractor Maintenance

by Jim Ronhovde

With the help of Jim Lundquist and his trailer he and I picked up the New Holland TC30 tractor from the Jordan field and took it to my shop on Portland Avenue for some much needed maintenance and repair.

While it is at my shop I hope to repair the following issues:

1. Heavy load reduces engine to near stall (stall if clutch is not released). May or may not need attention, seems to be more sensitive than before. Recovers with short rest. New fuel filter last spring did not help. Seems higher fuel level in tank manages problem. I am not a diesel mechanic and would appreciate any help and advice. New Holland has a parts web site and seems to show only a "fuel injector pump unit assembly" as the heart of injection. Price tag \$1,340 at one web site. Not planning to order that on a guess. I have not started hands on yet. I want to check gravity fuel flow to injector unit **SBA131017821**. There may be restrictions in lines.

2. Hydraulic fluid has leaked for 2 or 3 years. Add fluid regularly. Need to clean tractor and trace leak/repair.

3. Mower deck has a bend in it so one pulley/blade has been shimmed to compensate. Straight-

en/reinforce? Ongoing discussion about relief for grass discharge? General service on bearings and belt. Safety covers need attention. New drive belt (\$100). New bearing/blade/shaft sets run \$500 each (x3, one was new last year) Bearings can be replaced separately if shaft is not damaged.

4. Check/service front wheel bearings.

5. Spring oil change/lube/filters and related services as found.

I think the hours meter is about 1140. Tractor is about 13 years old now.

I plan to proceed with due discretion. Your comments and suggestions are welcome. J

Spring Float Fly May 17th

It's April and the ice is coming off the lakes. It's time to start getting ready for the TCRC Spring Float Fly that is held every year at Bush Lake Park in Bloomington. The date is Saturday, May 17th.

Steve Meyer is again chair for the event, as he has been the last several years. We will have a retrieval boat at the event, it that rare chance that a plane or two cannot make it back to the beach under its own power.

Members from many other local clubs attend this event and bring some great looking planes. Mark your calendars now to be a part of the Spring Float Fly on Saturday, May 17th. J

Building Contest May 12th

TCRC holds a Building Contest every year in the spring that that will again occur in 2015.

The event is schedules for Tuesday, May 12th following the regular TCRC membership meeting at CrossPoint church.

Chair for the event is Tim Wirtz and he will be announcing the categories and the rules for the 2015 edition of the Building Contest. Those announcements will come at the April TCRC meeting, the May *Flare Out* newsletter, and on the club website TCRCOnline.com.

Start removing the dust and polishing up those winter building projects and get them ready for the TCRC Building Contest.

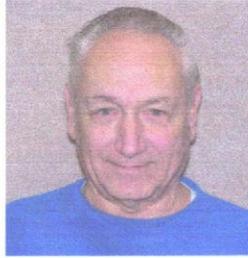
There will be some great prizes for the winners of each of the categories that Tim designates. It is rumored that he also has lines up some judges that are pretty easy to persuade.

TCRC Roster Updated

Membership director Bernie Gaub has announced that he has uploaded current data to the TCRC Roster that is in the 'members only' section of TCRCOnline.com. Take the time to access the new roster and make sure data is correct. J

Safety At The Field

By Larry Couture



The Safety topic for this month will be “Did you check your plane before take-off?”

When you fly with a commercial airline, if you watch closely you see the pilot walking around the airplane and inspecting it. The reason for this is that he is going to get in the plane and fly and he does not want to crash or have any problems whatsoever.

That being said it seems that our planes should be carefully inspected so that a loose or malfunctioning part does not cause a crash. It takes just a few minutes to check all hinges, moving surfaces and electronics before take-off. I know for a fact that had I done this more often and better I would have a few less crashes on my record because they were not all pilot error. Just think of how many times in conversation you have heard someone say the crash was because of equipment, broken hinge, faulty servo etc. This may have been found by a good inspection before take-off. So I am all for inspection, inspection and more inspection.

This being a new season of flying let’s all review the rules in the front of the new roster and apply them every time we fly at our field or any other place or field. This should keep our hobby safe for everyone.

As usual all landings from which you can fly again (after inspection) are great but not always graceful so keep the rubber side down. J

Calendar

- Apr. 1 2nd Qtr TCRC Board
Of Directors Meeting
Bob Breisemeister
Home

- Apr. 4 April Fool Fun Fly
TCRC Jordan Field
10-10-10 Rule

- Apr. 10-12 Weak Signals
AirExpo
Toledo, Ohio

- Apr. 14 TCRC Membership
Meeting, 7:00 PM
CrossPoint Church
Bloomington

- May 2 Field Clean Up
TCRC Model Air
Park

- May 12 TCRC Building
Contest
Membership Meeting
CrossPoint Church
Tim Wirtz

- May 17 Spring Float Fly
Bush Lake Park
Bloomington
10:00 AM
Steve Meyer



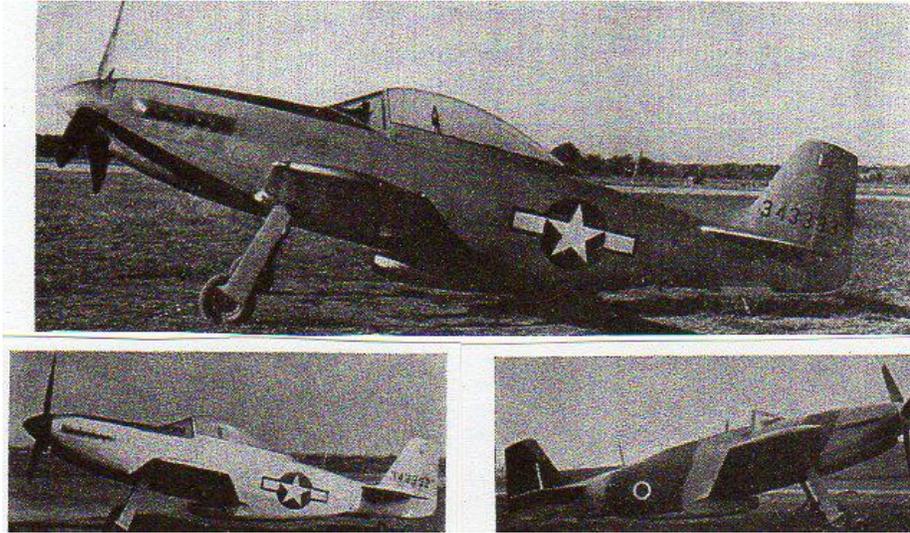
Safety Always Comes First!

TCRCOnline.com
You Should Be Using It!

North American P-51 F, G & J

by Conrad Naegele

The March Mystery Plane was the North American P-51 F.



Everyone is familiar with the P-51, arguably the best fighter of WWII. However, how many know that North American Aviation, in the latter stages of the war, proposed a light weight version of the plane (Bud Lite), to provide higher speed, increased speed, increased ammo, and longer range, and to reduce the use of strategic material?

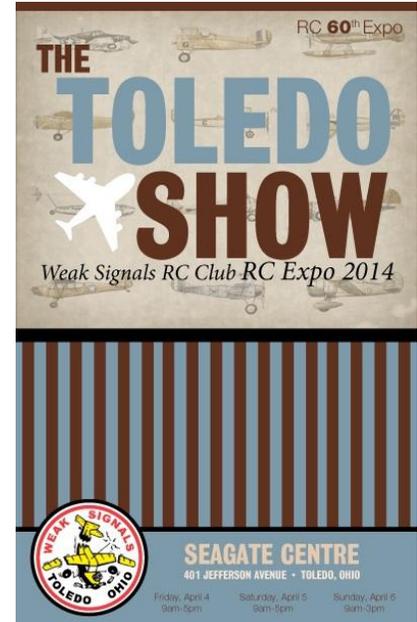
The plane was still to use the V-1650 Allison engine, plus others, including the Rolls-Royce Merlin engine. An extensive redesign of air frame, deletion of some equipment, and use of new materials, including plastic, plus new smaller wheels and landing gear was tried. The broken leading edge of the wing was straightened, and a longer bubble canopy, to improve airflow was fitted. Other significant changes were planned. A side note – An operable plane was landed, the engine was removed in 13 minutes and a new engine was installed, and the plane taxied away in 30.5 minutes, a total time of 43 minutes!

During this redo, a total of 9 units were produced. Two planes were sent to England where the RR engines were installed. An Allison V-1710 engine was installed in one plane, with 1,710 horsepower, but the horsepower was never reached. NA expected 491 mph, but only 472 mph was accomplished. The final of all this expensive work was virtually no improvement over the splendid P-51's already fighting in the skies of Europe, and the South Pacific!

The data for the G model showed that the plane had a wingspan of 37 feet, a weight of 7,265 pounds, and a range of 1,865 miles. The G was powered with Packard-built Rolls-Royce V-1650 12-cylinder engine that developed 1,910 horsepower. J

Toledo AirExpo April 10th to 12th

With spring comes the biggest R/C Expo held here in the United States. That is the Weak Signals Air Expo in Toledo, Ohio.



Absolutely anything sold for the R/C hobby can be found at the AirExpo. Demonstrations of the newest and hottest items will be commonplace. Anyone who is well-known in R/C will be in attendance.

Several members of TCRC make it a point to attend the Toledo Show regularly. This includes Scott Anderson, Chris, Mark and Nathan O'Connor, Mark Wolfe, and Jim Cook.

Think about attending the Toledo Show in 2015. For more information see one of the above members. 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.



TCRC logo shirts and hats displayed at the meeting.
(Photo by Corey Kaderlik)

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.

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

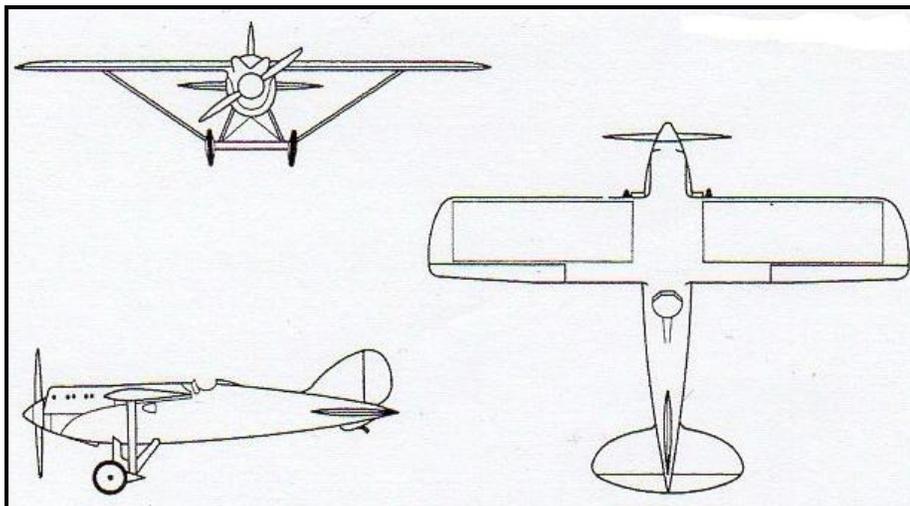
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Vice President	Corey Kaderlik 507-364-7244
Secretary	Doug Elyea 612-508-5411
Treasurer	Tim Wirtz 952-941-5357

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>

April Mystery Plane

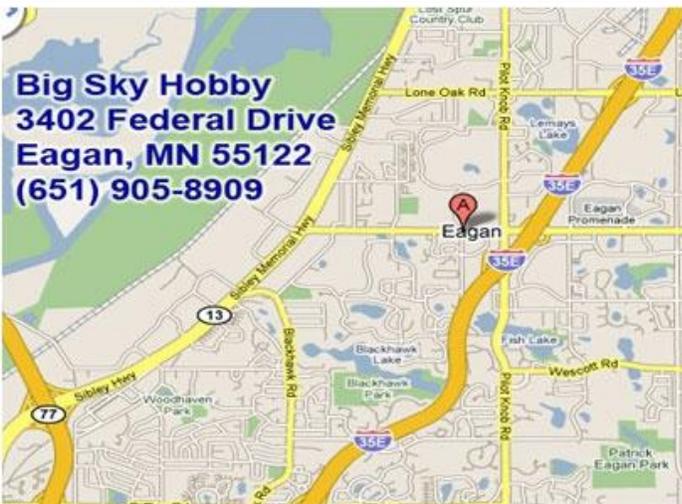


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