



August

Minneapolis, Minnesota U.S.A.

2004

Jordan Field Clean-Up Day Well Attended

by Pat Dziuk



Bob Couture, son of Larry Couture, power sweeps the TCRC Jordan Field runways. (Photo by Pat Dziuk)

Twenty plus members showed up on the morning of Saturday July 10th to clean up the field after the recent flood waters receded. Larry Couture and son Bob rented a power sweeper from Bloomington Rental Center and were at the field by 8:00am. A thank you goes out to BRC for giving the club a generous discount on the rental fee and extra time to return it.

When others started to show up around 10:00am, most of the runways were pretty clean. A team consisting of Mike Timmerman, Pat Dziuk and Rick Smith used power leaf blowers to clean the remaining dust and

debris from the runway and pits. Others helped sweep the pits, walks and shelter area. The field is now in great shape.

An energetic group of eight-plus members helped clear out the cut willows and trees in the neighbor's property just south and east of the runways. A big thank you goes out to Stan and David Erickson, Orv Schneewind, Jeff Tolzmann, Scott Johnson, Mike Timmerman, Pat Dziuk, Thaddeus Gorycki and Mark Folkerts. I may have missed a few, so if you helped out stacking up the cut trees, thanks.

While a meeting was planned after the cleanup session, most were anxious to get their planes in the air on this beautiful day. Since the president was not around to call the meeting to order flying took its place. There was plenty of flying well in to the late afternoon.

Jeff Tolzmann also had about \$1,500 in RC planes, helicopter, balsa and accessories for sale. A friend of his is getting out of the hobby, so many good deals were available.

Thanks again to all of the members that made the field clean up a success. ☺

From The Cockpit Of The President

by Scott Anderson

How has your flying been this summer? The season's been terrific with mild weather, calm winds, and long days. Although the TCRC Model Air Park did submerge into the deep for a couple of weeks, it came out high and dry with very little debris. The only things missing on the runways are you and your airplanes!

We've learned that our neighbor and friend Roger Preston has recently purchased the land to the north and east of our site. We'll be able to trim the trees on those sides to ensure the safe passage of our members' larger aircraft. We're in discussions to learn if we can buy or trade for a portion of land immediately to our east in order to permanently have that runway access.

The summer activities and vacations have kept us all busy this past month. Some members went to the AMA NATS in Muncie. If you were ever interested in competing on a simple level, built a Sport scale aircraft (see the AMA Rulebook for details) and enter. The number of participants has been very low, so just entering could earn you a place in the 2005 NATs records! Try it! You can't find a nicer bunch of guys to fly with than the scale pilots.



Egg Drop participants at the TCRC Fun Fly

The July TCRC FUN FLY was held July 17th thanks to Geoff Barber. The pictures of the limbo event were exciting. I understand that again, the eggs

acquired for the 'egg drop' event were too tough to break on landing in the grass causing many 'skips'. I'm not sure if omelets were offered to the attending members after the event. (eeewoo!)



Conrad Naegele, Stan Erickson, Don Olson and Jim Cook on Lake Viola in Siren, Wisconsin.

The weekend of July 24th was also busy. Editor and sometime pilot, Jim Cook, decided it was getting boring sitting up at the lake every weekend while his flying buddies were having all the fun, so he invited all to spend the weekend camping at his cabin and fly off the lake. Quite a number of members joined him for a great exhibition for the lake's neighborhood.



President Scott manning the TCRC booth at Air Expo 2004. (Photo by Jay Bickford)

The Wings of the North AIR EXPO 2004 took place over the same weekend at Flying Cloud Airport. Your president worked with EXPO organizers and
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From The Cockpit Of The President

Continued From Page 2

Ted Olsen of the newly formed "Crow River RC Club" of Waverly, Minnesota (formerly the Minnetonka Aeromodellers) to provide a TCRC presence at this event. With the guidance of Ted, we were able to have an 8' TCRC banner made and we talked to several hundreds of people about RC and our flying sites. We're planning to participate again in 2005.

As this goes to print a number of our members are driving up to Park Rapids to attend our annual Park Rapids Fun Fly. This is a chance to see old and new friends again and fly at their excellent site.

I'm looking ahead to happier days myself. School is starting in 4 or 5 weeks and I can't wait to get the kids out of the house again! (Dream on, dream on!)

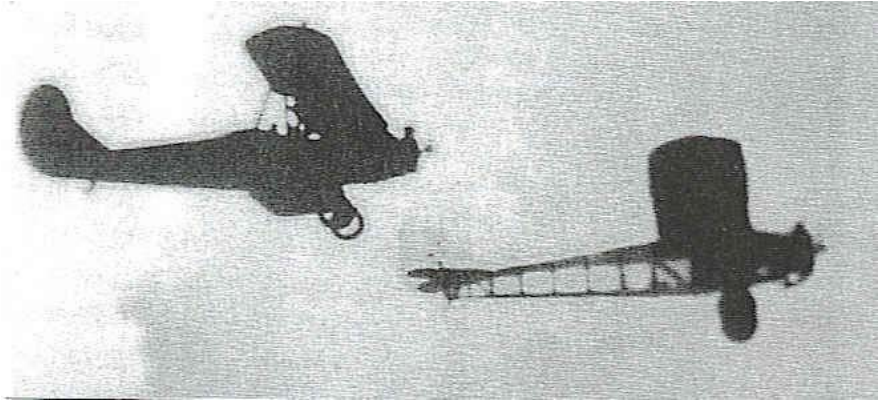
Be sure to get your family and friends out for the Model Aviation Day 2004 on Saturday August 14th. The flyer will be located in this issue as well as on the web site. We need your help and your airplanes for display and flying demonstrations. We need scale planes, gliders, electrics, helicopters (& pilots for them!), and jets. Ask your friends to join in. This is our open house to the community!

We'll see you at the next meeting, which is Tuesday, August 10th, or else at the field. ☺

Kozlov PS

by Conrad Naegele

The July Mystery Plane was the Kozlov PS.



Stealth! The watchword of the 20th century aircraft design. However, as the saying goes, "There is nothing new under the sun." In the mid-thirties, just such a project was undertaken. Aeronautical engineer Sergie Kozlov was eager to see to what extent it would be possible to construct an aeroplane that would be difficult to see by ground observers – enemies.

In 1933, a U2 biplane was stripped of its normal fabric and recovered with a transparent foil called 'cellon'. It was then called the Nevidimyi somolyot (invisible aeroplane). The new concept first flew on July 25, 1935. Basically, it was a neat, 2-place parasol monoplane with a Walker 5-cylinder 60 hp radial engine. The plane was primarily of wood construction, but, of course, Dr. Kozlov could not hide the rubber sprung landing gear, wing struts, fuel tank, or engine. However the metal parts were painted silvery-white. While the PS was partially successful in that the occupants had better vision, and low-level flight did make viewing somewhat difficult, observers could easily spot the plane due to engine noise, if nothing else. After a few weeks, the transparent covering was covered by oil, fuel dust and the whole effect was lost. The U@ was still widely used, in traditional covering, as it was a well-designed aircraft. Ah well!

The Kozlov PS had a wingspan of 36 feet, 5 inches and weighed 992 pounds. It had a speed of 93 mph. ☺

Try Using The 'Forum' at
TCRCOnline.com

Summer Fun Fly A Great Time

by Pat Dziuk

TCRC held its Summer Fun Fly on Saturday, July 17th. The day was beautiful and lots of members came out for some very enjoyable events.

CD for the fun fly was Geoff Barber. He had three events planned: Egg Drop; e-limbo; and draw poker.



Rick Smith's electric Ping Pong slips under the limbo bar during the fun fly. (Photo by Pat Dziuk)

The egg-drop contest was hotly contested, with each pilot dropping two eggs. Dave Mauer came in 1st with a drop within 6 feet of the target center. Pat (watch the plane not the egg) Dziuk came in 2nd about 12 feet from center and Mike Timmerman was 3rd about 13 feet from center. You can infer from Pat's nickname that his plane had an 'incident' with the ground during this event. Fortunately the damage was minor and the plane was repaired and back in the air the next day.

The e-limbo contest was exciting. As the name implies, all of the entries were electric planes, selected because of their obvious ability to fly slowly under the limbo bar. The competition was fierce as the bar just kept getting lower and lower, and when the dust had settled, Mike Timmerman emerged the e-limbo champion.

The third event was 'draw poker' where each contestant made landings on the runways which were painted with various playing cards. The reporter did not report what the winning hand was, but the holder of that hand was Rick Smith.



Fun Fly event winners Mike Timmerman, Dave Mauer and Rick Smith. (Photo by Pat Dziuk)

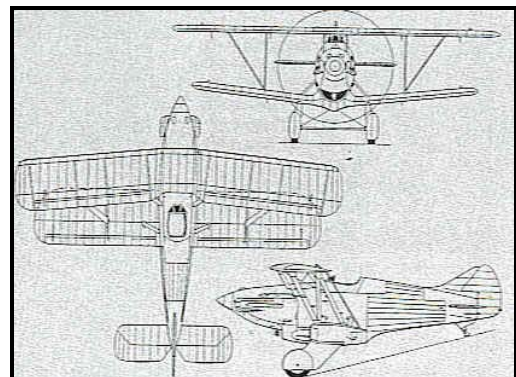
The three events took most of the day, but the weather was great and what else should an R/C pilot do on a nice summer day?



Rick Smith displays his electric Ping Pong, with original design done by his talented daughter Rachael. (Photo by Pat Dziuk)

Thanks to Geoff Barber for CD'ing the Summer Fun Fly. A good time was had by all. ☺

August Mystery Plane



Siren, Wisconsin Hosts Float Fly

Five TCRC members trekked northeast to Siren, Wisconsin for a Float Fly at Jim Cook's cabin on Lake Viola.



Jim Cook, Jim Ronhovde, Conrad Naegele, Stan Erickson and Don Olson with their planes on Lake Viola.

Jim had been talking about having TCRC members up to his cabin for a summer float fly and was finally able to schedule a date. He posted a note in the Forum on the club website, TCRCOnline.com and invited members to join him on Saturday, July 24th.

First to arrive was Jim Ronhovde around 9:00 AM and he was quickly followed by Don Olson and Conrad Naegele. When Stan Erickson arrived, the planes were loaded into two golf carts and taken down to the lake.

Jim had promised great weather and he kept his promise. There was a light variable win and bright blue sky with little puff balls for clouds. The temperature was a comfortable 75 to 80 degrees.

The guys asked Jim to lead the way into the air so he fired up his Big Stik and taxied out from the dock and quickly soared into the air around 10:00 AM. Don Olson soon followed with his Big Stik and from that point on, the flying was pretty continuous until 4:00 PM.

Jim Ronhovde put his Stik into the air and then Stan taxied out with his 1/4-scale J-3 Cub. The first planes into the air attracted the neighbors as they sat on their docks or in their boats or stopped over for a closer look. Paul Oleson, the son of a neighbor was first over. He explained that he had just gotten into the hobby about a month previous and was really excited to learn about float flying.

Conrad brought the only electric – a Sparky -- and he and Jim Ronhovde put several flights on the plane. It had plenty of power for the mild breeze, and the batteries gave a nice long duration to its flights.

Jim Cook also had his mid-wing Stik and fired it over later in the afternoon.

Jim's pontoon boat was the official retrieval boat and a few trips were made to bring planes back when their engines stopped during taxiing.

Jim Ronhovde's Stik was the only casualty for the day. On the last flight of the event, his plane and radio stopped communicating and the aircraft was the loser when it connected with the water.

Around 4:30 the guys loaded the planes back into the golf carts and headed for the house. The next thing on the agenda was to review via the television all of the digital pictures that were shot during the event.

Jim and Jim lit the grill around 6:00 PM and when the coals were ready Don Olson started cooking some very nice Von Hanson's steaks. Jim R. brought salad, and beans and baked potatoes rounded out the meal. Don finished the meal off with a Baker's Square pie.

After dishes, Don, Conrad and Stan headed for home while the two Jims took a lake cruise before turning in.

A leisurely breakfast Sunday morning brought the float fly to a close and Jim Ronhovde piled into his truck and headed home.

Jim Cook assured all present that this summer float fly would be repeated next summer. ☺

Pictures From Siren, Wisconsin Float Fly



Don Olson puts his Big Stik through its paces on Lake Viola.



Host Jim Cook poses with his two Stiks that had several flights at the Summer Float Fly.



Conrad puts a nice flight on his electric Sparky as Jim Ronhovde looks on.



Conrad's Sparky got lots of air time and water time at Siren, Wisconsin.



Watching the retrieval boat return.



Stan Erickson's J-3 Cub heads out for a flight.

From The Co-Pilot's Seat

by Jay Bickford



Jay Bickford helping a future R/C pilot with the sticks on RealFlight at Air Expo 2004. (Photo by Scott Anderson)

The weather couldn't have been better this last weekend for standing around enjoying the sun and talking about R/C airplanes. And that is exactly what club president Scott Anderson and I did Saturday and Sunday at the Wings of the North Air Show at Flying Cloud Airport in Eden Prairie. Several members of the Crow River R/C Aeromodelers from Waverly, Minnesota joined Scott and me as we spoke to literally hundreds of potential future modelers about the joys of our hobby. There were about 20 planes on display for show-goers to enjoy, ranging from small 1/12th scale combat planes to giant scale WWI and WWII warbirds. We also had 2 computers set up and running RealFlight G2 Flight Simulators to give people a chance to try out R/C flying and see what it is like first hand. Most found it was harder than it looks, but a few of the kids were really coming along nicely after just a few minutes at the controls. One 8 year old girl was so good after only a couple of minutes that I swore she must be Amelia Earhart reincarnated.

This was great exposure for TCRC as many of the people we spoke to were from the southwest metro area. If you see someone unfamiliar at the field, please take a few moments to say "Hi", introduce yourself, and ask the visitor what brings him/her out. TCRC is a very friendly and family-oriented club with lots of potential to grow the hobby in the southwest metro. Help by doing your part and being friendly and talking to visitors at club meetings and at the field.

And while we are on the subject of new people joining the hobby, I wanted to take a few moments to talk about field safety. A fellow club member mentioned to me a couple of weeks ago that he has noticed several people taxiing into the pits from the flight line. Many times these are newer members that are not familiar with the field safety rules. For all of our safety, if you see something like this happening at the field in the future, please gently talk to the pilot involved and let he/she know about the kill line on the taxiway. The kill line is there for the safety of us all, and safety is the responsibility of us all. Don't just assume that everyone knows the rules and then grumble under your breath when they break them. Take a few seconds to talk to them and become an active participant in their learning about the hobby.

We are continuing to schedule some great programs at the TCRC membership meetings. This month is no exception. At this month's club meeting on August 10th, the folks from Diversified Solutions will be making a presentation on their Klass Koat epoxy paint system. This new paint system has gotten great reviews in the hobby press and has been very well received. They will also be giving away a sample via drawing, so make sure you are there.

By the time you read this, the Annual Park Rapids Fun Fly will be over, but from my perspective, it is still a few days off. Hopefully the weather will be great and we will have another great day of flying.

See you at the Field. Until next month . . . ☺

Fall Float Fly September 11th

It's hard to think about Fall when it's 85 outside and the sun is shining brightly, but September is only a month away. As much as we want summer to continue, all good things must come to an end. So let's look forward to some of the TCRC events that occur in the fall.

TCRC's Fall Float Fly is scheduled for Saturday, September 11th at Bush Lake.

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.



Start planning on getting a set of floats on one of your planes and being a participant at TCRC's Fall Float Fly on Saturday, September 11th. It will be here before you know it. ☺

Go Flying Today!



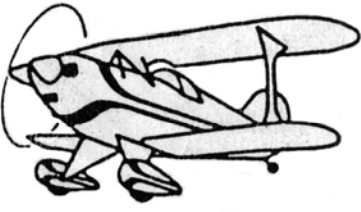
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TCRCOnline.com A Great Tool

TCRC's website, TCRCOnline.com has really become a great means for the club to communicate with its members.

In the month of July when the Jordan Field was unavailable because of high water, the Forum area of the website was being checked daily by lots of members to get an update on the field condition.

Pat Dziuk, our TCRC webmaster has done a great job getting TCRCOnline to the level it is at. Almost immediately after a club event, a member can go to the site and see pictures of what occurred. Also, the TCRC Roster is now on the site so that it can be kept up-to-the-minute as new members join the club, or a member changes his address or phone number, etc. The newsletter is posted the same day it is mailed and members can see all of its pictures in full color. But the greatest part is the Forum. Members can interact in real time.

This week the website has experienced some downtime. Pat has requested that we change to a more secure and reliable host and that will probably have happened by the time you read this newsletter.

Thanks again to Pat for all of the time he has put into TCRCOnline. It is a great tool!

Take the time to visit TCRCOnline and see what you have been missing. ☺

Pin Striping

Although it is not evident from a couple of dozen feet away, pin striping really enhances a nice covering design. Besides that, it makes you feel like you've created something artistic. Unfortunately you have also created a pain in the neck. These colorful little stripes have a nasty habit of coming loose at one end and flapping in the slip stream.

Not to worry. You can reduce the probability of your striping coming loose by taking some precautions before applying it. Very simple, just clean the area with alcohol before applying it and avoid touching the underside, especially at the end where it is most likely to come loose. In the event that it does, a tiny bit of thin CA will give the errant end a permanent fix.

The next time you're in an auto store, look at the pin striping tape. It comes in a lot more colors and designs than the R/C stuff and about half the price. It's fuel proof if left to cure for a while.

(Reprinted from The Cam Journal, newsletter of the Central Arizona Modelers, Sedona, AZ, Marvin Hinton, Editor.) ☺

TCRC meets every month on the 2nd 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.

Calendar

- July 29-Aug 1** Park Rapids Fun Fly
Park Rapids, MN
Marilynn Krekelberg
- Aug. 10** TCRC Membership Meeting, 7:00 PM
Room H195
Hennepin Technical College
Eden Prairie
- Aug. 14** Model Aviation Day
Jordan Field
10:00 AM Set-Up
Noon to 3:00 PM
Open to the public
- Aug. 28** Electric Fly-In
Jordan Field
Scott Anderson
- Sept. 11** Fall Float Fly
11:00 AM
Bush Lake Park
Jim Cook

Cut-Off Wheel Sets

Sears sells a diamond cut-off wheel set that fits Dremel and Black & Decker 'Wizard' moto-tools. These wheels eliminate the frustration when dealing with fragile 'sand' wheels you buy 20 at a time and break each time you use them. The package comes with two wheels and the mandrel and is inexpensive. No more fragments of cut-off wheel flying around the shop (but you should still wear safety glasses)!

(Reprinted from Great Plains Combat News, Omaha, Nebraska, Bob Furr, Editor.) ☺

Editor, Jim Cook
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Shakopee, Minnesota 55379

Cleaning Runways The Easy Way



Rick Smith and Mike Timmerman make short work of cleaning off the runway on Saturday, July 10th as they use high pressure blowers on Clean-Up Day in Jordan. There was a good turn out and the crew had the Jordan Field looking better than ever in a very short time. ☺

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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