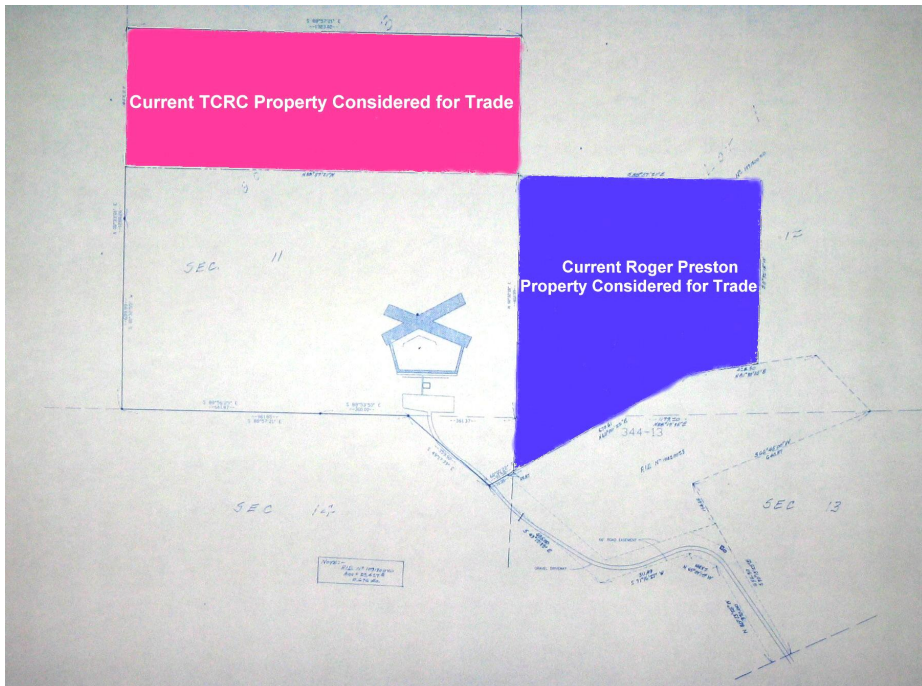




TCRC Planning To Make Land Swap

by Jim Cook

Club president Jay Bickford and Jim Cook have been meeting with TCRC's neighbor to the east of the runways and discussing the possibility of a land swap between the two parties.



The club is interested in the land to the east so that the willows can be kept under control and not block the runways. Roger is interested in the land to the north of the runways because it is better hunting land and adjoins his land to the north.

Club member Larry Couture is a registered surveyor and after he looked at the parcels he proposed the swap as detailed in the picture

above. The club's new northern boundary would be approximately where the creek meanders through the property.

Jim Cook checked with the Scott County Planning Department to determine what would be needed to be done to meet county standards. The County stated that they would need legal descriptions of the two parcels as determined by the survey. Jim also checked with the Soil and Water Conservation Department since both parcels contain land that has been placed in the RIM (Reinvest in Minnesota) program. That department did not feel there would be any problem with the swap.

Also proposed in the swap would be a small triangle of land to the south that would border with the club's triangle. Currently some of this has been mowed and has been used for camping in the past.

The Scott County Planning Department felt that it would take approximately two months to get approval for the swap once the necessary legal descriptions have been submitted.

The TCRC Board is continuing to move forward with the proposed swap in the hope that everything can be completed by spring. ☺

From the Left Seat – TCRC President Report

by Jay Bickford

Happy New Year! 2005 is finally here, and here is wishing you a great one!

Now that the New Year is here, it seems that everyone is talking about New Year's resolutions. Well, have you given any thought about what your 2005 RC hobby resolution might be? Have you thought about exploring an area of the hobby that you have never looked into before? Maybe you grew up flying sport-sized glow-powered planes and have gotten a little bored with that aspect of the hobby. How about exploring some of the new small electrics that can be easily flown in the neighborhood park or schoolyard? Or maybe one of your other hobbies is photography. Have you thought about combining photography with RC flying and doing a little aerial photography? What about helicopters? If you are looking for a new challenge, this is certainly one that qualifies. What about scale? Is there one particular plane that has always been your favorite? Chances are that you can build one in many different scales from kits or plans. One of the best things about the RC flying hobby to me is that whatever your interests are, there is always some new area to explore and new things to learn. It is truly a hobby for a lifetime. Make a New Year's resolution now to do something you have never done in the hobby in 2005.

And speaking of doing something you have never done, are you one of the folks that have never made the trek to the annual TCRC Park Rapids Fun Fly event? You are? Well, have I got a deal for you. You have my personal invitation to attend one of the best RC Flying events in the region. The annual TCRC Park Rapids Fly! This year the event is being held on the weekend of August 5th, 6th, and 7th, in beautiful Park Rapids, Minnesota. Now you may be saying, "Jay, isn't this a little early to plan for an event in August?" No, not really. The hotel spaces fill up quick in Park Rapids in the summer, and if you would really like to attend this year, you need to make your plans and reservations now. We have reserved a few extra rooms at the C'Mon Inn and would love to see you there, but they are bound to go quick. If you

haven't attended in the past, you are really missing a great time flying RC at one of the nicest RC fields in the state. As you can tell, I really love this event, and this will not be the last time this year that I put in a plug for it.

The biggest event on TCRC's annual calendar is just around the corner. That's right! The Annual TCRC Auction is only a little over a month away. Start getting your old planes and unused equipment cleaned up and ready to sell now. Clean items in working order with good descriptions always bring more money at the auction.

In last month's article I mentioned that I would like to hear from the club membership and get your suggestions for improvements that you would like to see made at the field or to the way we do things. Well, to tell you the truth, I am a little disappointed. Only one person contacted me with an improvement idea. Does that mean the rest of you think that everything is fine and we don't need to improve anything? I really doubt that is the case. So, here's the deal. I'm giving you a second chance. Send me your club improvement ideas this month, and next month you will get a chance to vote on the list. If no one contacts me, you'll be stuck with a list of my ideas. Give me a call at 952-890-5678, or better yet, send your suggestions via e-mail to president@tcrconline.com, and I will add them to the hopefully growing list of TCRC Improvement Ideas.



What's up? Just the first TCRC planes to fly in 2005. This is some of the group that braved the elements to fly at Jordan field on January 1, 2005. These guys are on their way to a 2005 All Season Flyer patch.

Until next month . . .

2004 All Season Flyers Have An Easy December

by Jim Cook

TCRC has a large group of members that put at least one flight in during every month of a calendar year to qualify for their AMA All Season Flyers patches. December 4th was the day scheduled for the group to get in their December flight and complete their 2004 year.



Five of the 2004 AMA All Season Flyers pose for a picture after putting in their December flights. (Photo by Jim Cook)

Jim Cook was the designated CD for the event and he arrived at the Jordan field around 10:30 AM. The day was unbelievably nice for December – no snow, some sunshine, mild temperatures and light winds. This made it a really easy day for winter flying.

With the exception of Rick Smith, who flew a 3-D plane, Stiks were the order of the day. Jim Cook and Mike Timmerman had identical Hanger 9 Ultra Stiks, and Jay Bickford and Pat Dziuk had Big Stiks.

There was some mumbling about missing the snow and skis, since the runways were clear and dry and wheels were the only means of takeoff and landing. However the tradeoff of nice comfortable flying and no numb fingers was easily accepted.

After a couple of hours of flying, the winds did pick up a bit, but the group in attendance really took advantage of the nice conditions with everyone putting lots of flights in. ☺

New Members

At the December meeting, Mark O'Connor rejoined TCRC after a very long absence. Mark is the brother of long-time member Chris O'Connor. Mark lives with his wife Kathy at 11507 Oakvale Road S. in Minnetonka, 55305. Their phone number is 952-936-2238 and his e-mail address is mkoconn@hotmail.com. Mark is an experienced Mode 1 flyer and currently is flying an UltraSport 60 and an Extra 300.



Mark O'Connor at the December TCRC meeting. (Photo by Jim Cook)

Chris Miller also joined the club in January. Chris lives with his wife Nancy at 992 Bridle Creek Drive in Jordan, 55352 and their phone number is 612-701-2069. His e-mail address is chris.miller@t-mobile.com. Chris is a seasoned flyer and currently is flying a Kadet LT40 and a Sig Four-Star 60.

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

New Year's Day 2005 All Season Flyer Kick-Off

by Scott Anderson

Eight hearty TCRC members dragged themselves out of bed early on Saturday morning to start their 2005 All Season Flyer season. It was tough to get up after celebrating most of the night. Mike Timmerman told us that he'd gotten to bed at 4 am that morning, yet he still found the strength to be at the field by 10 am. What a guy!



Scott Anderson was the event organizer and promised to get started sometime between 11 AM and noon. He arrived at 11:30 just in time to get a flight in before the freezing rain began to pound us. Rick Smith assisted Scott Johnson with his pink Aeromaster. John Bittle set up a high start (a big rubber band with a tow hook) all the way across the field to launch his glider. John got his launch up into the sky just before the rain & snow hit. As you can see from the pictures it was coming down pretty hard by the time he landed.

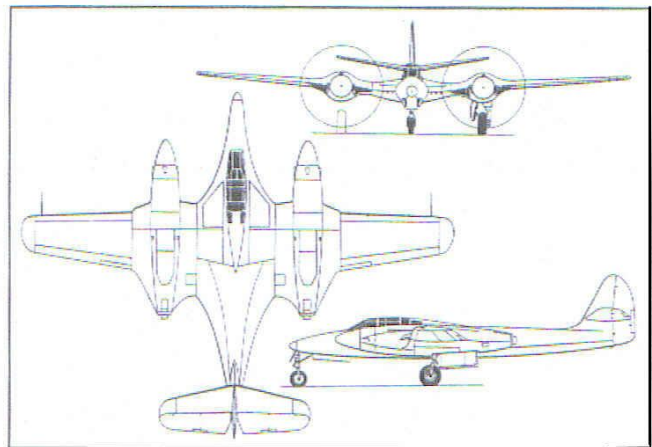
President Jay Bickford showed up with an electric park flyer with an unusual payload. A Canon 3.2 MP digital camera was rigged on a swivel below the wing. Jay's looking forward to seeing how well the aerial pictures will turn out.

If you are looking to get your ALL SEASON FLYER Patch for 2005 you will need to fly a radio controlled aircraft outside a minimum of once each calendar month for the year. Be sure to get your flight this month to qualify! It's a ball! ☺



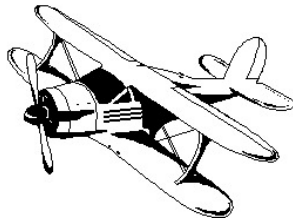
Jay Bickford and his camera set-up on an electric plane. (Photos by Pat Dziuk)

January Mystery Plane



Be An All Season Flyer in 2005

Show & Tell



As always, lots of neat airplanes are showing up at the meetings.



Larry Couture had a neat electric float plane. This was an ARF called the Aventura Twin and sported two 400-size direct-drive electric engines. It was done with clear red Monokote on the wing and stabs, and with a white polystyrene fuse. It is not meant for cold weather with that fuse. The entire kit complete with motors and speed control was \$79.95 plus \$5.00 for shipping. Larry hasn't flown the plane yet although he said it floats well in the bathtub. First flight is scheduled for spring.



Gerry Dunne had two planes at the December meeting – electrics of course! The first was a Great Planes Slinger – an ARF with a 400-size direct drive motor. It was done in white with red and blue trim. This he called a Zagi-type plane which is a flying wing. He has put about 20 flights on it in the first week and said that it flies quite well inverted.

Gerry also had another flying wing to show. It was a Hyperwing ARF and was done in blue, yellow and red. It was powered with a 380-size direct drive electric. The underside of the wing was predominately red while the top of the wing was predominately blue. This plane had not flown as yet but it is only a matter of time. ☺



John Dietz had a Progressive Models P63 King Kobra that he built from the kit. John had originally

Be A Worker, A Buyer And A Seller At The TCRC Auction

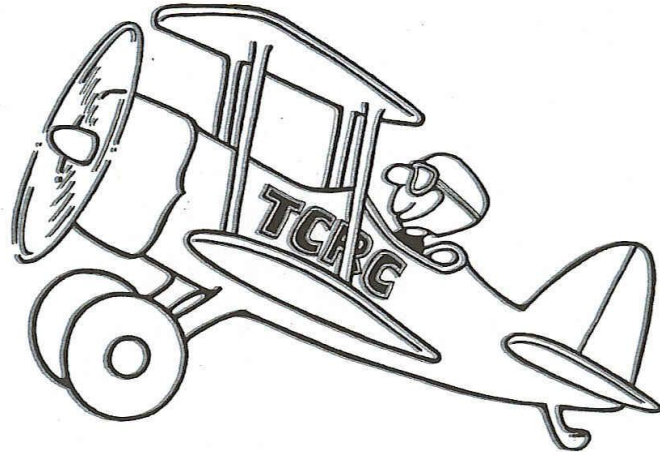
TCRC Raffle Tickets To Be Mailed

TCRC's Annual Raffle is always held in conjunction with the Auction which is scheduled for February 12th.

CD's for the raffle are Brad Spencer and Gerry Dunne and they have indicated that the club will again have some great prizes for the event.

Every member will be receiving an envelope in the mail this month containing \$15 worth of raffle tickets. It is hoped that each member will either sell or buy those tickets and return the stubs and money to raffle co-chair Brad Spencer. Winners of the prizes do NOT need to be present to win. The pre-sale of the tickets is very important to the success of the raffle. Please take the time to sell your tickets and return the stubs and money as soon as possible.

Thanks to Brad and Gerry for contributing their time to make the raffle a success. ☺



TCRC 29th ANNUAL AUCTION

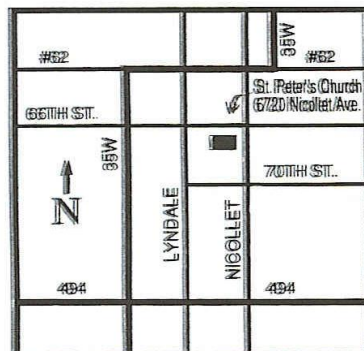
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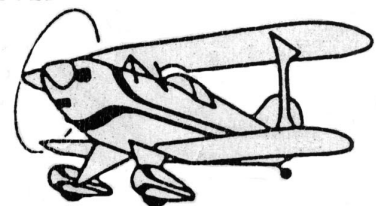
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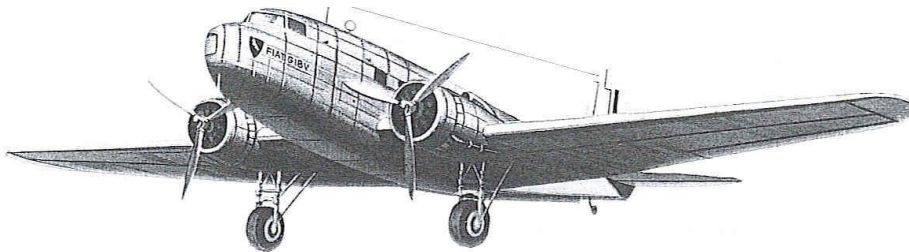
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Fiat G-18-V

by Conrad Naegele

The December Mystery Plane was the Italian Fiat G-18-V.



In 1935, an airplane which can be considered the most advanced Italian aircraft of its day appeared – a type which could measure up to the modern contemporary international competition. This was the Fiat G-18, a twin-engined all-metal retractable-gear monoplane, which was in the same category as the then emerging Douglas DC-1, DC-2, and the world’s greatest airplane, the DC-3. The Fiat was designed by Giussippe Gabrielli, who had been clearly strongly influenced by the Douglas aircraft.

For comparison, the DC-1 had flown in July, 1933, the DC-2 in May, 1934 and the Fiat in March, 1935. Its performance was very similar to the Douglas planes but in some instances was superior. Production was commenced with just two airplanes. The G-18 V series which had more powerful engines also had considerable structural changes and the V series first flew in March of 1937.

The entire production run was taken by Avio Lince Italiano. This aircraft proved a major contributory factor in the success of the European airline industry. By the Douglas and German Transport business, the total production of 9 airplanes was small, but it was a significant player in the ‘golden age’ of aviation, generally considered mid-20’s to the mid 30’s.

The Fiat G-18 V was powered by 2 Fiat A-80 18-cylinder air-cooled radial engines. It had a wingspan of 82 feet, a gross weight of 23,809 pounds and carried a crew of 2 with 18 passengers. It had a speed of 211 mph and a range of 1,025 miles. ☺

TCRC Auction February 12th

The biggest event of the year for the club is only a few weeks away – the TCRC Annual Auction.

The 2005 edition is scheduled for Saturday, February 12th at its usual place in the basement of St. Peter’s Church in Richfield, Minnesota. Start time for registration is 8:00 AM and the bidding starts at 10:00 AM.

The auction requires a big commitment from TCRC’s members in the form of time to make the event run smoothly. Every member should mark his calendar now and plan on being a part of the annual auction. And don’t forget to look through all of your R/C gear to find out what you have to sell and what you need to buy. Be a part of TCRC’s greatest event. ☺

Calendar

- Dec. 31** **Deadline for TCRC Dues Payment**

- Jan. 1** **All Season Flyer 2005 Kick Off Jordan Field**

- Jan. 11** **TCRC Membership Meeting, 7:00 PM Room H195 Hennepin Technical College Eden Prairie**

- Feb. 12** **TCRC Auction St. Peter’s Church Richfield, MN**

TCRC Online.com

Use It!



From The Co-Pilot's Seat

by Gerry Dunne

Welcome to 2005! Happy New Year!

How was your Christmas this year? Did you find lots of R/C stuff in your stocking? Or should I ask if your R/C gifts would even fit in your Christmas stocking?

I see we are back to a good old Minnesota winter when the temperature gets down to -10 and the wind blows such that it seems even colder. Weather like this really tests your skill as an R/C flyer. But that didn't stop a bunch of members who showed up at the Jordan field on the morning of January 1, 2005 to get their January flights toward their 2005 AMA All Season Flyer patches. Remember, to get your AMA patch, you must make at least one outdoor flight in every month of a calendar year. So if you miss January you have missed your opportunity for all of 2005. If you didn't get out, you still have lots of January left.

Saturday, February 12th is our big fund raiser for the year – the 2005 Annual Auction. This is a big manpower event for the club and we need every member to come out and put in a shift. It is really a lot of fun and very interesting. I see some unbelievably nice airplanes get sold for very reasonable prices, and absolutely anything you may need for this hobby will be available at the auction. The

spouses of members always run the concessions and we will need all the help we can get there also. Please make it a point to mark your calendar now and be at the TCRC Annual Auction on Saturday, February 12th.

As the club VP, I am responsible for lining up programs for the regular membership meetings. At the January meeting we will have presentations on two topics: I will be discussing lithium batteries; and Jay Bickford will discuss cameras and how to mount them on a plane for aerial photography.

At the February meeting, we will have Chris O'Connor putting on a very interesting program on giant scale. Make sure you are at that meeting by 7:00 PM to hear and see what Chris presents.

With the winter comes the building season. I hope most of you have started your big building projects. It is always neat to see the new planes of our members at our Show & Tell portion of our monthly meeting, and of course to see how they fair in our Building Contest in May.

Well, that's it for now. We'll see you at the January meeting. Until then, fly fast, fly safe, and try to land wheels first. ☺

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.

Pay 2005 TCRC Dues Now

TCRC has changed the deadline for payment of club dues for 2005. The deadline was December 31, 2004.

The earlier payment will help the club determine its membership and to publish the TCRC Roster much earlier.

The 2005 TCRC dues are:

| | |
|--------------|---------|
| Adult Flyer | \$50.00 |
| Junior Flyer | \$25.00 |
| Social | \$30.00 |

For new members, in addition to the above schedule, there is a \$50 initiation fee for adult membership, and a \$25 initiation for junior membership.

If there is more than one member of a family joining, the total family membership is equal to the one highest membership of those joining. For example a husband, wife and junior member that are all flyers, the total dues would be \$50.

If a current member does not pay his/her dues by the deadline, then that member can be subject to a payment of the initiation fee.

Remember, to belong to TCRC as a flyer, you must be a member of AMA.

Payment of dues can be sent to treasurer Bill Jennings at 20700 Huntington Way in Prior Lake, 55372, or paid to him at a membership meeting. ☺

Pictures From TCRC Winter Events



John Bittle brings his glider back to the pits after a flight on January 1st in some really terrible weather.



President Jay and VP Gerry discuss some hot topics at the December meeting.



Pat Dziuk watches Mike Timmerman start his plane on December 4th at the Jordan field.



Jay Bickford and Jim Cook meet with Roger Preston to discuss a land swap.



Scott Anderson, Jim Ronhovde and Gerry Dunne with their Service Award patches in December.



The flight line at Jordan at the December 4th All Season Flyer session.

Photos by Pat Dziuk, Scott Anderson and Jim Cook

Editor, Jim Cook
1075 Miller Street
Shakopee, Minnesota 55379

Pictures For The TCRC Roster



Pat Dziuk snaps a picture of Chris O'Connor at the December TCRC meeting. Mike Timmerman has indicated he wants to upgrade the TCRC Roster and add a picture of every member. There was a great turn-out at the meeting and Pat and Mike got a good start on improving the roster. ☺

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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| TCRC Information Line | | 763-391-3443 |
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