

TRI COUNTY RC CLUB

THE FLY PAPER

Charter number 434, March 1968

www.tcrnj.com

Club President Eric Fagan is inviting TCTC members to a scheduled Thursday July 29th. Meeting. An e-mail will be sent out once the location has been determined.

UPCOMING EVENTS

The next Night Fly is set for Saturday **July 31st**, weather permitting. Rich McDonald always designs and sets up a great illuminated course for the quad guys.



Sometime in the Fall there will be a Club Class Pattern Fun Fly run by Alex S. and Bruce G. *See page 6 for details.*

FAA **TRUST TEST**, did you take the test yet? If not just go to the AMA website there is a link to take the test. It is more of a refresher of what all pilots probably already know.

TRUST

The Recreational UAS Safety Test

TAKE THE TEST



Next Meeting is scheduled for Thursday July 29h, It may be an in-person meeting at the Field. You will be emailed information once the location has been determined.

The Club website is up and running The address is www.tricountyrc.com. It is a work in progress.

Night Flying is usually set for the third Saturday of each month. However the one for July will be held on Saturday July 31st.

OFFICERS

President :
Eric Fagan
faganer@optonline.net
914-320-5690

Vice President:
Emery Mersich
917-209-5233
webmaster@tricountyrc.com

Treasurer:
Bruce Grankowski
732-727-9063 home
732-586-9779 cell
bgrankowski@optonline.net

Secretary:
John Donnelly
johnmarl@optonline.net
973-975-7693 cell

Trustee:
Mike DiGennaro
732-207-9631
mdigennaro1@gmail.com

Newsletter Editor:
Bruce Grankowski
732-727-9063 home
732-586-9779 cell
bgrankowski@optonline.net

Safety Reminders:

- **Identify your aircraft.** Be sure to label your aircraft with your name, phone number, AMA number, FAA number. In the event the aircraft is lost in a fly away, it can be identified and returned to you.
- **Too Far to the Left:** When flying, please be mindful of the tree line to the left side of the runway. Please stay inside the tree line.
Lets keep peace with the neighbors.
- **Safety Barriers;** are there for your safety so take advantage of them and stand behind them when piloting your aircraft. Don't block the view for the other pilots that are coming in for a landing.



It takes a few good people to keep the field in PERFECT shape.

As we get into the hot summer months, with the grass constantly reaching upward, the field continues to look fantastic because of the relentless work of the team of people consisting of Tony C, Tony Palmer, Bill Patterson., Rich Mc Donald, Frank Jones, Larry Nielsen, John Donnelly, Gerry R. Bruce G. and others. In between aircraft flights, members take turns on the mower putting in whatever amount of time



they can contribute. Maintaining the mowers and equipment is usually handled by Tony C and Frank J. But they can always use help.

Thanks to All

BUILDING TIPS:

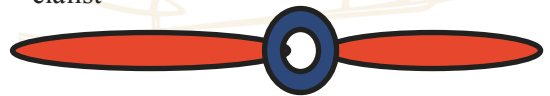
Remember the 1979 TV commercial about the “*anticipation*” of waiting for the thick Heinz ketchup to come out of the bottle. Well, I just wanted to share a great tip on using epoxy that I was not aware of. It eliminates the “*anticipation*”.

Long time modelers Gerry and Tony told me to put the resin part of the epoxy mix (which is the thicker part) in the microwave for 10 seconds to soften it up. And only 10 seconds. It worked great and gave it a thinner consistency to easily work with. No need to put the bottle under a hot light bulb, or warm it up in our hands prior to working with it.

And to date, no one has had any issues with it causing the resin to fail. It goes back to its normal slow state and can be thinned out again and again.



Runway repairs: If you have a prop strike on the runway, please let one of the board members know so it can get repaired quickly. Or contact Jack Baum so he can quickly patch the fabric. Jack is our runway repair specialist



Jack is hard at work fixing another cut.

JULY 10th Fun Fly

Fun Fly update:

The July 10th fun fly took place as scheduled and was lead by the “Captain of Aerial Shenanigans”, Mike D. The weather was favorable with a calm breeze. Flying the Streamer was Mike D, and participating in the Streamer cut event were Jim F, John D, Tony C, Bruce G. and rookies, Sam L, Jeff A.

In the first heat, the 6 pilots took off after the tow plane, all anxious to get a piece of the streamer, but also frantically trying to keep their planes from destruction. After a few minutes of quick maneuvering, Bruce G, got the prize. He clipped the entire streamer and successfully landed with the streamer attached to his wingtip. Talking to rookies Jeff and Sam they really enjoyed their first streamer cut event but revealed it was very nerve-racking.

On the second heat, 5 pilots took off in hot pursuit of the streamer, and after a minute or two, Sam flew up under the tow plane and made contact with the tow planes landing gear, causing Sam’s plane to crash as his

wings were knocked off.

The tow plane continued in the pattern and Jim F. managed to cut a bit of the streamer. So he won the second heat.

Also at the field were, Bill P, Mike K, Jack and Mike B. and Chef Gerry, and a few others.

All in all, the guys consumed 25 hot dogs that were especially prepared by Gerry!!!!

We gotta get Gerry a chef’s hat.

Everyone had a great time. There was even a crash or two, so there should be no reason why we can’t present the trophy to someone this month.

Thanks to all that made the event a success!!!



Streamer cut event 7-10-2021 and fun fly

I crashed my plane and all I got was this paper certificate.



Sam shows off his crippled aircraft and certificate. And said he had a lot of fun. This was his first streamer cut event.



This was Jeff’s first streamer cut event also. He too had a great time and acknowledged that is you have to stay focused while going after the prize.

Whats happening



The AWARD was not given to anyone, because no one wanted to share their mistakes with the group. And I know there were a few stories circulating.

Remember, you have to fly and share your tales of whoa. Its all in good fun.

I do know for a fact, that right after the June meeting there were 2 mishaps at the field that I witnessed and two more at the July 10th fun fly. Let's see if these pilots are willing to share their stories.

>A **Heli Training program** is in the works and is available. Contact Mike D or Eric F. to get started in their Heli training.

Both of their e-mails and phone numbers are listed on the bottom of page 1 of the newsletter.



TCRC welcomes new member.

No new members for June.
This space left blank this month.

Show and Tell

No participants for the month of June

FYI : If one member shows off their new creation it is considered a "Show and Tell".

If two or more aircraft are shown off and discussed at a meeting, then the membership votes on who's is the best and then it becomes "Model of the Month" and a prize may be awarded.

June Night Fly was Canceled.

Next Night Fly July 31st.

TCRC member Ron M's name was omitted from the night flying pilots that took place at the May night fly event. Ron flew his E flite Night Radian.

Thanks for letting me know.

Bruce G



The photo is a picture of the AMA memorial brick that was purchased in the name of passed member Derek Mithaug. The brick will be part of the Walk Of Fame located at AMA headquarters.

Frank's newsletter Idea

A few meetings ago, during a virtual club meeting, member Armand scanned some of his planes in his hobby area in his basement, Frank J. came up with a great idea for future features in "The Fly Paper" newsletter.

The idea is to have club members line up all of their aircraft, either planes, jets, heli's, quads etc. and take a photo of them and e-mail or text the picture to newsletter editor.

It would be set up so that 1 or 2 photos could be featured each month. At the end of the year, club members could

vote on "Most Toys" picture with an award at the end of December.

There would be different classes: "Most Heli's", "Most fixed winged aircraft", "Most quads", "largest plane", etc.

One stipulation is: that they would have to be Your planes. (No borrowing)

OK : so lets keep the pictures coming....

Send your pictures to Bruce G. At bgrankowski@optonline.net or text the picture to 732-586-9779

Thanks for the idea Frank.

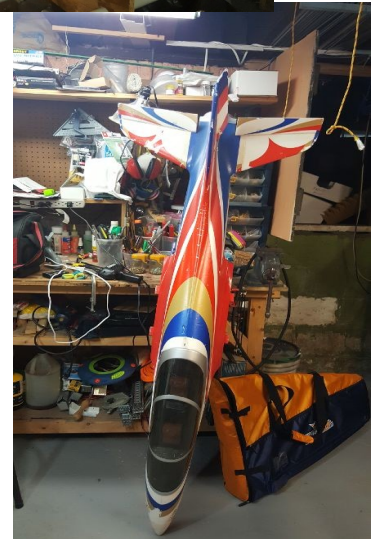
Bruce G

Dennis Mursier a jet enthusiast, submitted a few pictures from his hangar and some are a work in progress.

Dennis says the big orange jet is a HSD v2 Viper. The plane is about 6 yrs old but He only owned it for about 3 years. He did a modification to make it fly better by adding a cheater hole opening on both sides. Dennis closed up the bottom cheater hole and removed the throttle-to-elevator mixing board. With the bottom cheater hole the plane sucks air from the bottom and causes the plane to nose down if it didn't have the mixing board.

The smaller plane is a Freewing Avanti. Dennis repainted it.

Thanks for the pictures and info. .



Note: Looking behind the jet, is probably what most of our workbenches at home look like. Cluttered, but "we know where everything is".

Fall Pattern Fun Fly event:

In anticipation of good weather in this year's flying season Alex S (Chief of the Club's Instructors) wants to get the students and pilots alike to refine their flying skills.

One of the events that is in the planning for this fall is our "Club Class" Pattern event. It is a fun event to test and improve your skills .

This years event, as suggested by Alex S will challenge and refine the pilots flying ability possibly scoring the maneuvers by fellow members. Any of the clubs pilots that have progressed passed the "Student" stage know how to do these maneuvers anyway, its just a matter of flying them in sequence., or like *having a flight plan* , not just boring holes in the sky.

*Do you
HAVE A
FLIGHT
PLAN ?*

The key is flying straight and level and actually controlling the aircraft through the loops, inverted flight, and learning how to use the rudder and other basic maneuvers.

We may train a few of our members to be judges and score the flight plan during these planned events.

I guarantee it will improve your flying skills.

Last years guys, all had a fun time and always ask to do it again. It's open to any TCRC club members Any reasonable type of airplane, that you feel comfortable flying is allowed.

More details to follow.

Alex S, Bruce G.

Part 2 , *(Part 1 in the June issue of the newsletter)* **OK, so here are the next 5 maneuvers to practice. 6,7,8,9,10**

When you go out to the field, just start with a basic **takeoff**. Call your takeoff, so others can hear you. "taking off, left to right" or "right to left", depending on the wind direction. Going upwind (U) the model should be smoothly accelerated down the center of the runway to takeoff speed. Apply rudder correction as needed to maintain a straight heading. When flying speed is reached it **gently** lifts off the ground and slowly climb at a gradual angle. **Don't force the take off**. The takeoff is complete when the model reaches about 6 feet from the ground. The aircraft should not jump off the runway, you should control a gradual climb.

6. The next maneuver of the flight plan is the **Immelmann turn (U)**: After your Stall Turn is completed, and you line up for the Immelmann, get your wings level. Fly a little past center, pull a 1/2 inside loop, immediately followed by a 1/2 roll to exit upright at the top in the opposite direction. Some downgrades are the: model not level at start or finish; Model deviates left or right during the 1/2 loop, Half loop not completed exactly at the top of the loop; Model does not finish in level flight.

7. The next part of your flight plan will be a **45 degree Up Line (U)**: From level upright flight the model pulls and executes a one-eighth (1/8) inside loop to a 45 degree up line, then hold the up line, then perform a one eighth outside look to recover in upright level flight at a higher altitude. The center of the 45 degree should be the midpoint of the

maneuver and completed, centered in front of you. There is no length requirement for the 45 degree upline. Some Downgrades are: Upline path not 45 degrees; 45 degree not centered.

8. The next maneuver is **Straight Inverted flight (D)** (Downwind). From upright level flight, perform a 1/2 roll to level inverted flight, continue to fly straight and level inverted for about 4 seconds, then perform a second 1/2 roll to exit upright. Some downgrades include: 1/2 rolls not level; Changes in altitude:
9. The next maneuver may be one of the most difficult to get it right. **Two Inside Loops (U)**. From an upright position, pull 2 consecutive inside loops to exit upright. Both loops should be round and superimposed. Some things to be mindful of: Loops not round; Wings not level during loops; changes in tracking during the loops: Exit not at the same altitude and track as entry.
10. And the last maneuver is the **Landing Sequence (U)**. Either you or your helper, call your landing, right to left or left to right depending on the wind direction. The landing will start about 6ft from the ground. The aircraft shall flare smoothly to dissipate flying speed, then smoothly touches the ground within the landing zone. (suggest giving yourself a target zone) The maneuver is complete once the plane has slowed below flying speed and comes to a stop. Some Downgrades: Model lands between the runway and the pilots flight line, zero (0) points; Aircraft bounces, Model ends up on its back, zero (0) points; Failure to call the beginning of the maneuver.

(Continued on page 7)

(Continued from page 6)

These are the ten (10) things to **repeatedly practice** to improve your flight plan and flying skills and hopefully take part in the up-coming Club class Pattern Fun fly.

Below is a **Call Sheet** that you can use to challenge yourself with. Cut it out and bring it to the field and give it a try.

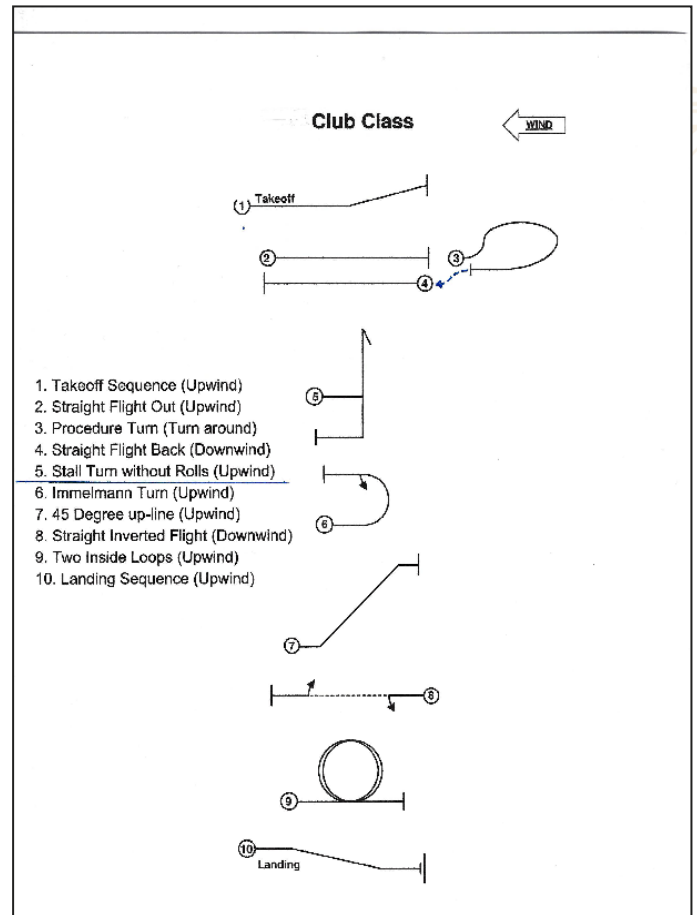
Cut and paste the link below and see a description of each of the maneuvers .

<https://www.nsrca.us/index.php/archives-rules-and->

SAFETY GUIDELINES

- Be sure you have your information on the aircraft including AMA number and FAA Identification number. To register your aircraft/drone go to www.faa.gov. The charge for this registration is \$5.00 for 3 years.
- If you have not been qualified, or are a "Student" Pilot or flying as a TCRC "guest" you **must** have an instructor or another qualified member by your side while flying.

Pictured below is the ARESTI diagram for all 10 maneuvers to practice. On the previous page is a description of the last 6 maneuvers to challenge yourself with.



20 21 TCRC Club Class

#	Maneuver	
1	Takeoff	Upwind
2	Straight Flight Out	Upwind
3	Procedure Turn	Turnaround
4	Straight Flight Back	Downwind
5	Stall Turn without Rolls	Upwind
6	Immelmann Turn	Upwind
7	45 Degree Upline	Upwind
8	Straight Inverted Flight	Downwind
9	Two Inside Loops	Upwind
10	Landing	Upwind

Total K-Factor

Nominations for next years (2022) Board members:

TCRC **Treasurers Position** will be available for the 2022 year. A benefit to being on the Board is that you do not have to pay dues for that year. Interested party should have a knowledge of book keeping. Excel or another software program is helpful.

Nominations for all positions are always accepted Contact chairman Dr. Alex Szemere or Joe Plotnick if you are interested in helping your club move forward. .

Reminder: Club Meetings are the last Thursday of the month. Except November and December, those will be announced.
The next meeting will be on July 29th, 2021.

\$ Runway Contributors \$

The TCRC Board Members wish to thank all those that have made a contribution to help offset the expense of the new runway. Total cost of the project was \$8,011.00

Donations are still being accepted. If you wish to help defer the cost, contact the Club Treasurer. Thank you

Recent Runway Donors

Bill Higgins
Rich Krenzle
Dennis Mursier
Ricky Criqui
Steve Spataro
Frank Kopitskie

The Greenwood Lake Air Show
is scheduled to take place on
August 13-15th 2021.
Located in nearby West Milford, NJ

For more information go to
www.greenwoodlakesairshow.com



Thunder Over the Boardwalk is an annual airshow held over the Atlantic City boardwalk every summer. Since 2003, it has set the bar for beachfront airshows across the United States and is currently one of the largest shows in North America. This years airshow will take place on Wednesday ,August 18th, 2021 Go to Atlantic City’s website for more details.



Voluntary Donations are graciously accepted to help defer the cost of the new Runway. Contact the Treasurer if you would like to donate, or mail a check payable to **TCRC**, to Bruce Grankowski, 10 Gillen Drive, Parlin 08859
Thank you to all that helped with the cost and the entire project.

FOR SALE

Contact Alex S. for any of the items listed below at tcrcy2k@aol.com or voice or text to 732-816-1810

TCRC Haberdashery



Support your club.... Club Hats are available. They are \$15.00 each. E-mail Bruce at bgrankowski@optonline.net to get yours.

Limited Edition TCRC Tee Shirts. There are just a few left. \$10.00 each. Blue with Yellow Logo



4 - small
5 - medium
1 - large

If you have any items for sale, email a picture of your item and a description of what you have to sell to the newsletter editor at bgrankowski@optonline.net



DROMIDA KODO, Micro Quad RTF with Camera. It includes Fully assembled quadcopter, 2.4 GHz Radio Controller, Integrated Camera with 2GB micro SD card, USB card reader, Rechargeable Li-Po battery, USB Charger, Spare props, Prop guards. \$50.00



Venom Battery 30C, 1300 mAh, 11.1v Lipo Battery with UNI 2.0 plug \$20.00

5 Second UV Light repair Tool fix Glue Refill Liquid Plastic welding Pen \$10.00



SKYRC Q200 4 channel, Quattro AC/DC Balance Charger for LiPo /Li-Fe/Li-Ion \$250.00 or serious reasonable offer will be considered.

Academy Model of Aeronautics
Charter # 434



The Fly Paper
C/o Bruce Grankowski
E-mail: bgrankowski@optonline.net