



Volume 2022-02-Q2

Middlesex County R-C Fliers Club Newsletter – Spring 2022



Email: info@mcr cf.org

Web page: www.mcr cf.org

Newsletters: www.mcr cf.org/misc.htm

Facebook: <https://www.facebook.com/groups/MCR CF/>

YouTube: <https://www.youtube.com/user/MiddlesexRCFliers>

Next MCR CF Monthly Meeting – 4/6/2022 – 7:30pm



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2 FROM THE PREZ — PAUL SULLIVAN

It's always great to get another winter done with, and here we are at the 2022 flying season! Our field has never looked better, and with the new section of runway, our fly-ability and safety is much improved.

As a reminder: Last year, we set aside the rule about posting frequency pins at the pin stand unless you're flying 72Mhz. Do remember though that courtesy is the most important rule, so be sure you're not hogging the runway. A little common sense is all that's truly needed. Pins still need to be visible either on person, or at your flight bench.

Please take the time to re-acquaint yourself with the field rules, and don't be bashful in mentioning something to someone who might unintentionally do something unsafe. Any big problems should be mentioned to a board member by voice, or email.

Enough about rules, let's get out there and have some fun!

3 MEETING NOTES — MARCH 2,2022 — BY JERRY CROWLEY

Attendance: ____ members

Officers Present: Pres____, VP____, SEC____, TREAS____

Directors Present: Dan Micalizzi __, Dan Costa____, Randy Grossman____

New Members: Present?

Treasurer Report: Jeff presented current financials, (\$6,499.70 last mtg}

Jeff presented update on member voluntary contributions: approx. (\$1,987.37 last mtg)

Secretary Report:

Membership: __ renewed/new membership

Last meeting notes review:

Note:

Old Business:

Date: March 2, 2022

1. A Colleen Heckman contacted Jerry Crowley in reference to an Estate inventory of R/C planes and equipment of a past member, Dave Heckman, of MCRCF's. Dave passed away a couple of months ago and the family is looking to donate to the club whatever we are willing to take. Colleen is going to take pictures and send them to me. Dave's membership dates back to early 2000's and ends in 2017.
2. No raffle prize was offered for the February meeting.
3. It was suggested that the Club offer a raffle to sell members planes at membership monthly meetings to help increase monthly meeting attendance.
4. It was announced that the membership renewal grace period has ended. Past members Looking to renew membership will now have to pay the additional \$25.00 initiation fee plus annual \$50.00 regular membership fee.
5. Jeff discussed the models and material he picked-up in Watertown from a family wishing to dispose of an estate r/c hobby collection. Jeff will bring items to next meeting to sort and value the collection. We need volunteers to help with the task and will meet at [7:30]PM of the April membership meeting.
6. Membership inquired what the club has to do in order to get FAA approval for AMA approved CBO (community based organization or R/C Club).
7. Mel presented / informed the membership that a Joe Nall event in South Carolina is planned for later this year. It is a 3-day event with camping available. Anyone interested???? Contact Mel!!!!

NEW BUSINESS:

1. Need to establish dates for upcoming events, and any interest:
 - Field Cleanup day (determine what needs to be done regstr with town, 4/23/22 billirica clean-up green-up)
 - Family Day Cookout and flying. TBD
 - Fun Fly TBD
 - Yankee Doodle Day (check with rec dept.)
 - Winter Flying (looks like [the snow] melted)
 - Night Flying (Maybe some time in October)
 - Indoor Flying (Don Fitzreiter checking status with management)
 - Construction Derby?
 - Auction or Swap Meet?
2. Need to prepare for Field Clean-up day April 23rd.
 - What needs to be painted?
 - What flight benches need repair or replacement?
 - What benches need repair or replacement?
 - Any additions?
 - Register with the Town for Clean-up Green Day
3. The Field Maintenance Committee is requesting \$300 to further reduce the Sumac in crop from spreading back into the cleared areas of last year. Also, to increase the area on the right side of the new runway to open it up for easier landing access.

Show & Tell:

Raffle: A Nice a Yak-54 RTF

3. Meeting adjourned 0:00PM

Respectfully submitted: Jerry Crowley, Secretary

Date: 04-06-2022

3.1 THE UPCOMING MEETING IS ON WEDNESDAY, 4/6/2022.

The Yak kit below will be raffled off. It is an ARF with a 51-inch wingspan. It was a gift to the club.



3.2 FROM JERRY CROWLEY REGARDING TRAINING

Mel, you may add a notice that the Club is announcing the beginning of Flight Training for beginners and for those wishing to explore the wonderful experience of flying model planes.

Training begins on Monday April 4th at 4:00 PM. Instructors will be on hand to help those wishing to learn.

For those who are unable to make the Monday 4:00 PM time reason's can arrange for appointments during the week by contacting an instructor of your choice. Make a mutually agreeable time slot.

Club trainers are available for a portion of training process. When learning the landing sequence the student will need to invest in ones own plane for obvious reason's.

4 SPREADING THE FIELD & GETTING BACK IN THE SADDLE – BY MEL SUAREZ



4.1 SPREADING THE FIELD

This week, 5 spreaders – Mark Knight, Jerry, Ray, Roy, Tony went into action heeding Paul's call. Paul brought a couple of spreaders which were both put to good use as he supervised. 😊

Paul: “We got it all done in a fairly efficient time – going side by side to keep track of where everyone was. I don’t think we were there more than an hour plus the hanging around time afterwards. We put down 150 lbs of fertilizer plus crab grass preventer. The runway has been a lot greener since we’ve been doing this.”

4.2 DAN – MASTER BUILDER – GETS A TRAINER GOING FOR PAUL

Paul Sullivan had put down his transmitter for a while due to eye issues. But he had eye surgery recently (how about modern medicine, huh?) and is ready to get back in the saddle.



Dan: “The plane was purchased at an auction by Paul after I tapped out. A very well-built plane by someone 90% completed. I offered to finish and cover the plane which has yet to be flown.”

Paul: “Cataracts would not let me see too well. It’s an old guy’s hobby – 50’s and beyond. No reason to be afraid of cataract surgery. If me getting it done helps someone get theirs done – why not [include it in the newsletter]?”

5 FROM THE HANGAR



5.1 RANDY'S TURBO TIMBER

"Finally picked up my raffle prize from a couple of months ago from Jeff last weekend. Pretty nifty little model with lots of lights. Maybe we'll get spring back again soon so I can try it out."
Randy provided a video on WhatsApp showing off the lighting.



5.2 MARK KNIGHT GOES FOR SPEED

Mark recently had his two "jets" out in a stiff wind.
He soloed last year – 2021 – but you wouldn't know it the way he flies these little guys around and now a profile foamy.



5.3 YOUR PLANE'S PICTURE HERE →

...

Guys/gals, send me pictures of your flying vehicles to share with the club.

6 TIPS

(Readers, please think of sharing things that you've learned as you get deeper into this hobby. Thanks!)

6.1 TRAVELING BOX-LIKE



Boxes like this are available at the U-Haul in Lowell:

I paid \$15 for this one, large enough to hold at least 2 of my planes and wings (not shown).

7 THE EDITOR IS ON THE LOOSE! – BY MEL SUAREZ

7.1 WING-LOADING LUST

Went to fly with Dan Micalizzi. I had an underpowered Timber that weighs little and so was a bit hesitant to fly in the wind. He had a classic nitro, shoulder-mounted-wing aircraft with which he tore up the skies doing huge, steady loops, Immelmann's and the like. It was fast and sleek – and sounded great, BTW.

So, I said "I bet you the wing loading on your plane is twice that of mine."

He was flying his Easy Sport with a nitro size 40 – his 3rd one! He loves them. It has a slight dihedral and he says that Ray used to say: "This is the 2nd plane someone would want to get after they've been flying the LT-40 for a year." That was a while ago.

So I decided to do some math. Below is a wing-loading calculator where wing loading (D2) is defined simply as weight over wing area ($=B2/C2*144$) converted from square inches to square feet. Column F shows the effect of adding a battery or fuel, $F=(B2+E2)*144/(C2)$

	A	B	C	D	E	F
1	Plane	weight (oz)	wing area (sq in)	wing-loading (lbs/s	battery,fuel weight (oz)	Wing-loading (w fuel,bat) (lbs/sq. ft.)
2	Mel's Timber	50.3	559.5	12.946	8.8	15.21
3	Dan's Easy Sport	88	750	16.896	9.1	18.64
4	Dan's Cub	320	1,760	26.182	16	27.49

Sure enough, the Big Guy (me) was wrong. The Easy Sport comes in at 16.9 lbs/sq ft while the Timber is 12.9. So, not 2-to-1, but the Easy Sport has indeed 30% heavier wing-loading.

By the way, I read that 30% nitro fuel weight is 1 oz per oz of fuel approximately, so that is what I used for the conversion. Close enough. If anyone would like the spreadsheet, send me a note.

Just for grins, I included Dan's big Cub in the analysis at 20 lbs with floats. The wing loading is quite high at 26 oz/sq ft. That is indeed a heavy plane. More than 2x the wing-loading of the timber.

Another factor in penetrating the wind, of course, is thrust-to-weight ratio. Measuring thrust is a little tricky but for grins I'll be looking to see if Dan's aircraft (and mine) can climb vertically. That will tell us that it's at least greater than 1.

7.2 4-POINT ROLL.....FINALLY!

A lot of seasoned pilots will roll their eyes (no pun intended) when they read that it's taken me 47 years to learn to do the 4-point roll. What! Seriously???

Many pilots just want to fly, to dance in the sky. I actually can do quite a few things – inverted flight, stall turns, rolls, snap rolls, knife-edge, loops, rolls, etc. I particularly like the hammerhead stall. So, I posted this on our Facebook page when I found it quite difficult to do a 4-point roll.

How critical is it for aerobatics to put yourself in the cockpit mentally?

I'm working on the 4-pt roll and it seems like I'm going to have to force the issue.

Otherwise, I would have to memorize the sequence.

The answers varied but here's an answer from **Yaz**:

You don't need to put yourself inside.

Baby steps...

1st Learn each maneuver independently straight down the runway... knife edge both directions and inverted. If you don't have each part down, you'll never get it all together nicely. Get on the sim and practice knife edge all night in both directions. Trust me don't even do one 4 point roll yet.. Once you can fly around knife edge figure 8s for a few days in both direction and inverted for a entire flight nice and straight then think about the 4 point roll. Then remember start with the slow roll first!

I did NOT do what Yaz suggested such as KE figure 8's, but I was able to post this:

Ok, guys, thanks for the inputs. Got the 4-pt roll going pretty good now. Just need to practice it. The last step for me was to avoid having elevator input while going into knife edge. Took me a while to figure that out.

Feels VERY COOL to have such a basic maneuver down after flying RC for 2022-1975=47 years! It just wasn't important enough to me.

BTW, for those who are following this thread - i can fly inverted and in KE indefinitely in all directions on the sim. In the field -- that's another matter. LOL

Neil Cumbie - eFlite Extra 300 3D 1.3m - on the sim. Outside I'll be doing the 4-pt roll w/ my Horizon E-Flite Sukhoi SU-29mm (Gen 2).

I'll certainly be doing it on the Timber as well but it will certainly be ugly (or uglier). ☺



From Daren Hudson:

Way to go Mel! As you've learned and many don't understand, a 4 Pt roll "looks" basic but to do it well and accurately and consistently is nothing basic! Congrats. Practice and fly with a purpose. We need to get you out to an IMAC contest to: observe, shadow or participate in Novice or Basic class. Consider it with your new appreciation of precise model flying! 👍 PM or call for any info or more details. Love introducing pilots to precision flying. It helps ALL your flying.



P.S. In case you see me at the field. Please say hello and give me material. LOL →

8 AMA EVENTS – ARE YOU GOING?

This list is from the Event Finder at <https://www.modelaircraft.org/event-calendar> for **District 1, 2/18/2022 – 4/30/2022.**

2
WINGBUSTER MAC SPRING SWAP MEET CLASS E - NON-FLYING Contact: ROBERT MANDEVILLE Location: 1195 Bedford St Whitman MA 02382 View Website
APRIL3
STEALTH SQUADRON FAC 49 4TH WINTER CONTEST 2022 CLASS A Contact: STEPHEN EVANS Location: 68 Elm Street Georgetown MA 01833 View Website
APRIL21 - 24
NEW ENGLAND SCALE SOARING AEROTOW 2022 CLASS C Contact: STEVE PASIERB Location: 479 Norwich Rd Salem CT 06420 View Website

MAY7

9TH ANNUAL GIANT WESTERN MA RC FLEA MARKET

CLASS E - NON-FLYING

Contact: Theodore Toothaker

Location: 82 Industrial Blvd Turners Falls MA 01376

[View Website](#)

MAY22

2022 PROPSNAPPERS SWAP MEET

CLASS E - NON-FLYING

Contact: DAVID CYR

Location: 40 Westland Ave Portland ME 04102

[View Website](#)

JUNE3 - 5

JOE HOWARD MEMORIAL SCALE HELICOPTER FUN FLY

CLASS C

Contact: Joel Rosenzweig

Location: entrance between 393 and 421 Elm St Mansfield MA 02048

[View Website](#)

JUNE4

8TH ANNUAL FARMINGTON VALLEY WARBIRO FLY-IN

CLASS C

Contact: PETER CHURCH

Location: 3 Meadow Rd Farmington CT 06032

[View Website](#)

JUNE5

MULTI CLUB TAILGATE SWAP MEET

CLASS E - NON-FLYING

Contact: GARY KLEIN

Location: 2 Pickett District Rd New Milford CT 06776

[View Website](#)

JUNE11 - 12

MEMORIAL FUN FLY

CLASS C

Contact: MICHAEL DEFRANZO

Location: 479 Norwich Rd Salem CT 06420

[View Website](#)

JUNE11 - 12

STATE OF MAINE OPEN HOUSE & SWAP MEET

CLASS C

Contact: WILLIAM REEVE

Location: New Gloucester ME 04260

12

SCALE AEROFEST OVER THE VALLEY

CLASS C

Contact: RONALD PAUL

Location: 21 Honey Pot Road Hadley MA 01035

[View Website](#)

JUNE12

SPRING FLING

CLASS C

Contact: PAUL STOTT

Location: 76 Maple Avenue Durham CT 06422

JUNE15 - 19

PLUM ISLAND FATHER DAY JET RALLY

CLASS C - RESTRICTED

Contact: JAMES CALOGGERO

Location: 19 Plum Island Turnpike Newbury MA 01951

[View Website](#)

JUNE18 - 19

FCRCC FATHER'S DAY FUN FLY

CLASS C

Contact: Theodore Toothaker

Location: 10 Aviation Way Montague MA 01376

[View Website](#)

JUNE18

FUN FLY

CLASS C

Contact: EDWARD WATTS

Location: 482 Smith Neck Rd Dartmouth MA 02748

9 RANDOM STUFF



9.1 WHATSAPP??? -- A CHANCE TO TRASH TALK WITH FELLOW MEMBERS



How to get onto WhatsApp?

- Install WhatsApp on your phone
- Send your phone number to someone you know is on the MCRCF WhatsApp group (almost everyone is an admin) – e.g. any officer
- That admin adds your name/phone to their contacts on their phone
- Via WhatsApp, that admin sends you a link to the MCRCF WhatsApp group
- You click on the link and you will be in. You won't see old threads, just new ones after joining.
- Be sure to introduce yourself when you join.

Alfredo, Bob, Carl, Dan, Dan de, Dany, Don, Gerald, James, Jeff, John, Long, Mack, Neil, Paul, Randy, Ray, Rohan, Saket, Sharad, Stephen, Tony, Yaz, +1 (413) 687-8619, +1 (617) 828-3967, +1 (617) 877-7683, +91 98192 01230, You

9.2 LOANER REALFLIGHT SIMULATOR & LAPTOP AVAILABLE

If you're a new pilot or an instructor and would like to take advantage of our loaner laptop/simulator, contact Jeff Ward (see Page 1). Picture below.



It now runs RealFlight 9.5.

9.3 RC INSTRUCTORS

List of available instructors. Please note: this list is a work in progress. Some instructors may be listed below, however their schedules may preclude instruction at a given time. Contact Info will be added in the future but can be found in the Current Membership List.

Instructor	Contact Info
Ray Capobianco	617.697.4514
Jerry Crowley	978.857.1408
Tony DiPersio	978.430.2800
Jeff Ward	978.987.1142
John (Yaz) Yassemedis	603.321.8442
Stephen Faust – incl helis & FPV drones	978.925.9810
Neil Cumbie – 3D and XA	678.358.7006
Jose Mendes - drones	978.227.7124
Jim Orsborn (Horizon Hobby Coach)	https://www.horizonhobby.com/flight-school-find-a-coach.html

9.4 MCRCF.ORG MEMBERS ONLY PAGE

Contains our Membership List, RealFlight files that mimic our field, and other info. Go to mcrf.org and click on the "Members Only" link. You will need ID & password from a club member to get in.



Members Only

[Annual Financial Summary Reports](#) in Acrobat PDF format

[Current Membership List and contact information](#) in Acrobat PDF format

[MCRCF RealFlight Files](#) for download and use with RealFlight simulator.

[MCRCF YouTube Channel info and login](#) in Acrobat PDF format

9.5 NEWSLETTER GLOBAL TABLE OF CONTENTS

You want to buy a charger, say. And you know there was an amazing piece on it in one of the newsletters. But you which one??? We have a global table of contents listing some of the major articles. (Work in progress)
<https://docs.google.com/spreadsheets/d/1ZAbMnamPiclwd50E3XxQ2JhXYEQAZfkB3R0qvXZOiuo/edit?usp=sharing>

9.6 LIST OF MANEUVERS

Tired of flying the same patterns all the time? Check out 100 maneuvers and some links on how to do (some of) them:
<https://drive.google.com/file/d/1O0eF2NAFN7SgUS0sOMc5hXOCTJBdJeM0/view?usp=sharing>

9.7 SUPPORT YOUR LOCAL HOBBY STORE & GET DISCOUNT

This is one great hobby store and the owner, Bill Horton, has agreed to provide our Club with a discount. Show a current MCRCF membership card and receive a 5% discount for any purchase over \$25.



<http://abcrchobbies.com/> 11 Rockingham Rd,
Windham, NH 03087; (603) 458-6481

9.8 PLANE RETRIEVAL

Call Paul Sullivan – his friend, Mike, charges ~\$50 to retrieve a plane...depending on the complexity of the rescue!
 Also, several members have camera drones and can help with a search & rescue efforts. Carl ("Mack") McKenzie is one - 978 208-7969

9.9 CLUB SAFE LOANER TRAINER IS AVAILABLE

The AeroScout is ready for use in exposing people to flight. Contact Jeff Ward to reserve it. It comes with 1 22mah battery and transmitter.



The aircraft is kept in Jeff's workshop with a combo key enclosure.
 (photo courtesy of Jeff Ward)

9.10 TRAINING REPORT (TBD)

Member	Training/Checkout Status	Type
Steve Marone	Checked out for drones. Needs fixed wing training. Student will inform us when he would like to schedule.	Jerry
Eli Wiel	Checked out for drones. Needs fixed wing training	Jerry
George Butch Balduf	Training In progress. Waiting for Covid relief.	Tony
Gerald Sunderman	Training In progress. Waiting for Covid relief. Not yet renewed	Jerry
Hugh McNeil	In Training.	Jerry
William Lunt	Need to refresh need for training . Renewed?	Jerry
Charlie Petricone	In training. Needs to schedule appointment to resume training. Not yet Renewed	Nitro & Electric
Taylor Alexandra	In training for drones/plans fixed wing training in future	Jerry
Bob Forgione	Refresh training for fixed wing	Jerry
Eamonn Quinn	In training (No membership?)	Jeff
Elizabeth Jean	In training (No membership?)	Tony
Abigail McAdams	Needs checkout for drones(?) - Triton Systems	
Thorsten Thielow	In training, Sent e-mail in January requesting appointment for training.	Tony/Ray/Jerry
Rio Thielow	In training, Junior status	Tony/Ray/Jerry
Caie Thielow	In training, Junior status	Tony/Ray/Jerry
Gary Christiansen	Training/checkout? (newish member)	Ray
Jameson Moore	Drone checkout	Jerry

SOLOED RECENTLY

Muhammad Sami	Soloed on 7/1/2021	Ray/Tony
Mark Knight	Soloed on 11/20/2021	Ray/Tony/Jerry

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If there's someone you would LIKE to subscribe, send their email along and thank you.