



Volume 2021-06

Middlesex County R-C Fliers Club Newsletter – June 2021

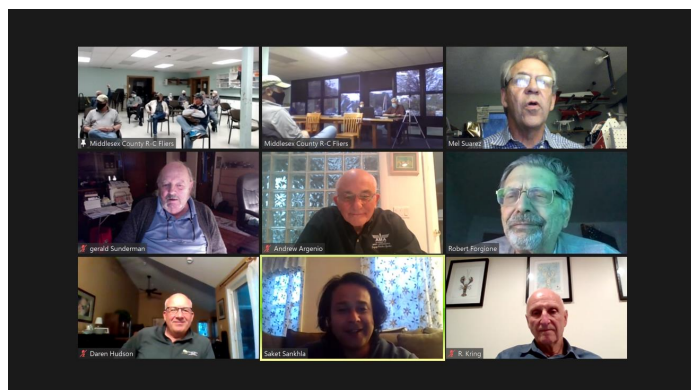


Email: info@mcrf.org
 Web page: www.mcrf.org
 Newsletters: www.mcrf.org/misc.htm
 Facebook: <https://www.facebook.com/groups/MCRCF/>
 YouTube: <https://www.youtube.com/user/MiddlesexRCFliers>

MCRCF May Monthly Meeting
 – 6/2/21 - back to first
 Wednesdays!



IN-PERSON MEETING at the
 Recreation Building (masks and
 spacing required) plus **ZOOM**
MEETING also available.
ZOOM Meeting link will be
 provided by email on the
 morning of the meeting.

7:30 PM via ZOOM
online meeting.
Members - watch for
an email with
information on joining
the meeting.
Non-members are
welcome - contact the
club via email for an
invitation.



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1 CONTENTS

2	Words from the Prez – Paul Sullivan.....	2
3	Club Meeting Notes from 5/5/21 – By Saket Sankhla & Mel Suarez	3
4	From The Hangar.....	5
4.1	Tony DiPersio’s Pandora	5
4.2	Your Picture Here →	5
5	Tips	5
5.1	UASideKick App by Johhy Yassemedis	5
5.2	Circle Check – Paul Sullivan.....	6
5.3	BNF airplane with flaps – John Yassemedis	6
		
6	From the Editor – by Mel Suarez	7
6.1	Always a Wrinkle!.....	7
6.2	Hats Off To MCRCF Trainers.....	8
7	AMA Events – Are You Going?	8
		
8	Random Stuff	11
8.1	WhatsApp??? -- A chance to trash talk with fellow members.....	11
8.2	Loaner RealFlight Simulator & Laptop Available.....	11
8.3	RC Instructors.....	11
8.4	MCRCF.ORG Members Only Page	11
8.5	Newsletter Global Table of Contents.....	11
8.6	List of Maneuvers.....	11
8.7	Support Your Local Hobby Store & Get Discount	11
8.8	Plane Retrieval	11
8.9	Club SAFE Loaner is Available	11
8.10	Training Report	12

2 WORDS FROM THE PREZ – PAUL SULLIVAN

It’s been a great year for the club. We have a vast improvement in our facility, and best of all, some new faces. It’s always great to see new people and the way they are welcomed. New people bring a lot to our club whether they are just starting out, or are seasoned pilots. It’s how we learn, and it’s how we improve.

Our hybrid [in-person plus Zoom] monthly meeting went well too, I think. We have our June meeting coming up, (most likely hybrid), then the July and August meetings will be in-person at the field. Mask and distance protocols will be whatever is mandated by officials at the time.

We have a revised rules and operations guide thanks to our flight committee. If there are any questions, ask a committee member, or myself. Jerry Crowley finished the final draft recently. Jerry was the perfect guy for the job because he hates rules. The end product looks perfect as far as I can tell.

That being said, let's have a great flying year! Have fun, and be safe.

Happy Flying,

Paul Sullivan

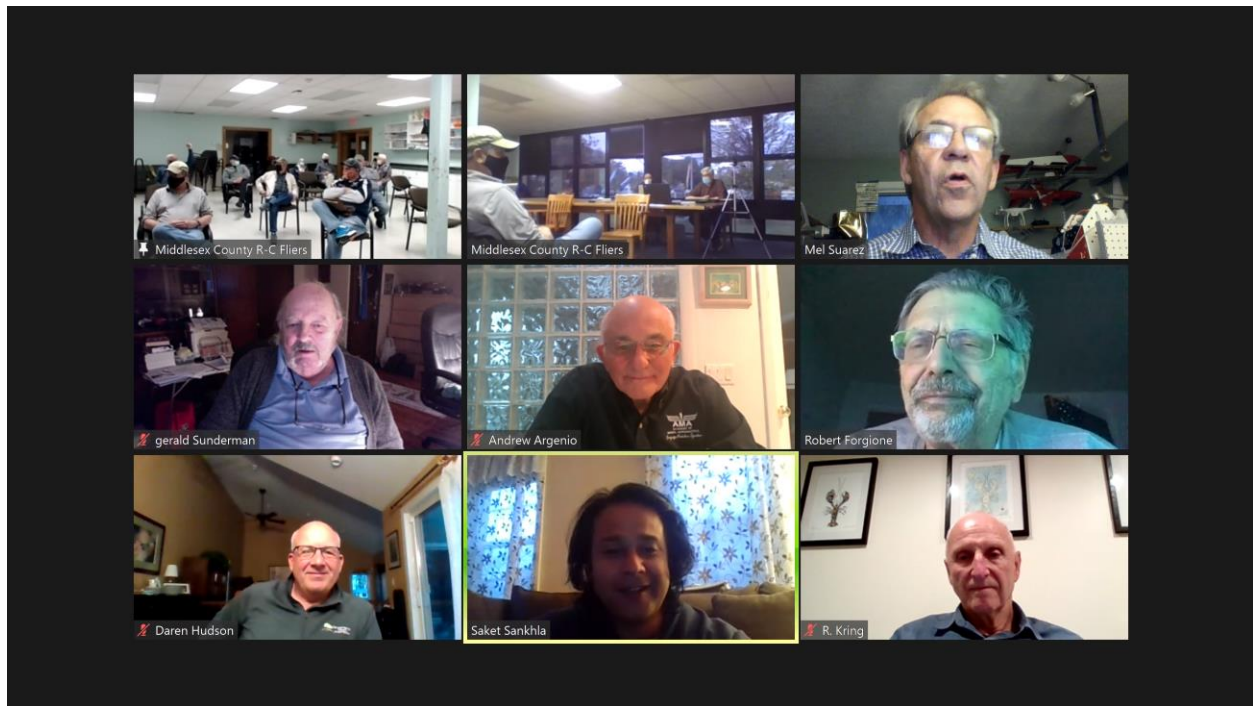
President MCRCF

3 CLUB MEETING NOTES FROM 5/5/21 – BY SAKET SANKHLA & MEL SUAREZ

Attended: 7 via zoom meeting and 14 in person [21 total]. [Daren Hudson and Andy Argenio attended as guests.]

1. Saket S: **54 members** as of this meeting.
2. Jeff W: presented the financial report. \$9,544 is the balance.
3. Paul:
 - a. **July 15th Fun Fly**: Need volunteers.
 - i. Andrew Ar: Is it for MCRCF exclusive?
 - ii. Jeff W: Yes, it is.
 - b. Ray initiated the **runway project** and we are thankful to him.
 - c. We didn't take towns permission to make the runway but, after Ray made the runway, Paul talked with the town management and they are good with it.
 - d. Awarded **Ray the life membership**: Motion to do so.
 - i. Motion approved.
 - ii. Saket: Mel you should interview Ray for your newsletter.
 - e. Soccer season has started, so obey the rules. [No flying over the parking lot when soccer is on and the parking lot is in heavy use.]
4. John Y: With our close proximity to clubs in District One, **sharing rental equipment** is a way to save \$ and get clubs working together.
 - a. Mel: Multi-club zoom would be good with few reps from each club.
5. Paul: May 15th **cleanup day**.
6. Paul: Brought the membership card and pin
 - a. Paul proposed that Ray be in charge of registering members. Ray is passionate about it.
 - b. John Y: No club is using the frequency pin, we should move away from 72MHz frequency as it is not safer.
 - c. Daren H: Communication is important, go and talk to fellow pilots.
7. Andrew A: Don't call AMA, FAA to know the flying height limit. It is the same as you know. Don't ask, don't tell.
8. Paul: Motion to propose **Garry Christianson** to get free club membership for 2021.
 - a. The motion was approved.
9. Jeff W: Identify training night.
 - a. Paul: **Monday night is training night**, around 4:00pm.
 - b. With appointments, any time.

- c. John Y: Communicate the list of trainers' numbers to all trainees, [John suggested it be made public]
10. John Y: **May 16th Hudson club**, free fun-fly event. Do attend.
11. **Lucky Draw Winner** were: Tony [for \$100] and Dan Costa [for \$50 ABC Hobby gift certificates].
- [Additions below by Mel Suarez]:



(Screen shot courtesy of Mel Suarez)

Note the outstanding videography by one Jeff Ward with a Zoom computer pointed at the crowd and another pointed at the front desk.

Below is a picture of the field featuring the new runway. (Photo courtesy of Yaz and Ray)



Angie: What is the status of the TRUST? We will provide 20 questions.

9157C comes out as a Circular that will provide for community-based organization.

Daren: mentioned 2 great articles in AMA including timeline of success. TRUST – Recreational UAS safety test. 10 questions. One time deal. Maybe 3 years from now.


Angie: Says he will handle FRIA application for our club.

Daren: It's all about communication. Talk to each other. "Are you comfortable flying with me." Instead of so-and-so was hogging the field.

Paul: motioned Gary Christianson – free membership for the year – for his amazing work on the field.

Yaz - Northeast Aerodynamics – memorial may 16th free fun-fly. Check out the FB for District 1.

Jeff – Design-build-fly (DBF) team from Lowell. Semester is wrapping up. Scheduled 5/14 is next attempt to fly.

<h2>4 FROM THE HANGAR</h2>	
<h3>4.1 TONY DIPERSIO'S PANDORA</h3> <p>Get this -- a trainer where you can place the wing on top or on the bottom! And you can configure it to be a tail dragger or with tricycle gear!</p> <p>It's a Motion RC Pandora.</p> <p>"Hi Mel, The Pandora [is a] little under powered. The plane flies on 3s. Handles wind gust with no problem. We fly the Pandora in a high wing, tail dragged configuration. Nice Trainer for a beginner. On a buddy box. Tony"</p>	 <p>(pic from Mel Suarez)</p>
<h3>4.2 YOUR PICTURE HERE →</h3> <p>...</p>	<p>Guys/gals, send me pictures of your flying vehicles to share with the club.</p>

5 TIPS

5.1 UASIDEKICK APP BY JOHHY YASSEMEDIS

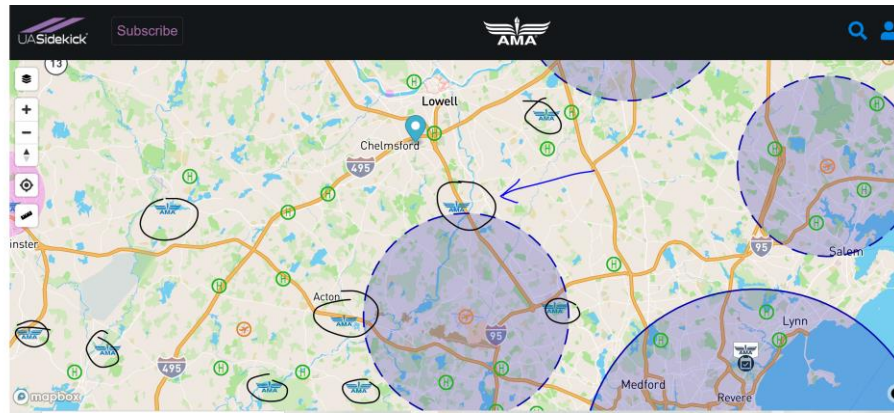
(as posted on Facebook)

"Here is a link to the free software the AMA offers to our members. There is monthly fee for none members. It is used to find out if you are in controlled airspace, and a simple click method to get FAA authorization. This enables the ability fly legally off an AMA charter club site. As always please make sure you have permission to fly from the landowner! In the future a small transponder will be required of a FRIA site that has not been developed yet. So just fly safety as you have without one.

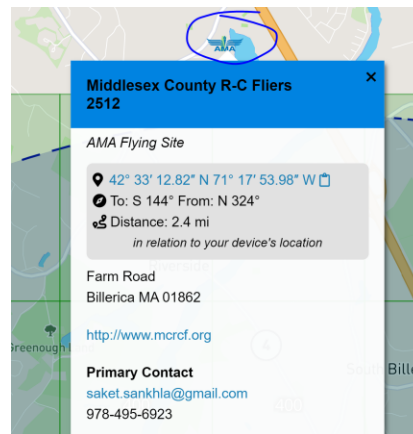
<https://www.uasidekick.app/>

Thanks AMA!

John”



If you click on the icon for a flying field, such as ours, you see the following information:



5.2 CIRCLE CHECK – PAUL SULLIVAN

I don't know how many times I've come to the field and found items that folks have left behind. It may be a glow starter, a battery checker, or more often, a frequency pin.

It's easy to become a bit distracted while we're getting ready to leave because we're saying our goodbys, and our minds are shifting to going home. The idea of a "Circle Check" is to actually walk a circle around the area including the frequency post as well as the gazebo before you leave for the day. Take a minute to do this, and make it a habit.

5.3 BNF AIRPLANE WITH FLAPS – JOHN YASSEMEDIS

Here's a on-the-fly list I just whipped up for new instructor with a new BNF airplane with flaps.

Set up new model.

Name the model xxxxx.

Set wing type.

Set up dual elevator, aileron, rudder rates on 3 switches 100, 85, 60% can be set per book but I start here.

Add 30% expo all 9 switch settings 65% for a 3D airplane.

Set throttle kill switch, and verify kill with monitor screen.

Set flaps-to-elevator mix.

Slow flap speed to 3 sec.

Set Flight Modes to ON and assigned to flap switch.

Swap Elevator trim from Common to Flight Mode.

Set audio switch change reports on each rate position switch, flaps & kill (this takes a while with DX and NX series radio) use high rates elevator in center and **know** rates on the bottom. Repeat with aileron and rudder.

Set timer to 5 min and start and stop to silent (default timer start, timer stop is annoying).

Put switches to high rates and

Bind with bind plug out.

Test direction and reverse if needed.

Assign SAFE to a switch with sticks in and down then rocking the gear channel 5 times fast.

Check and set control surfaces to level with mechanical adjustments and then sub trim.

Throttle half way and down and test AS3X.

Perform range check.

Test fly and trim, remember each flap setting elevator is trimmed again because elevator trim is independent for each mode.

*Set up gains if you're doing plug-n-play (PNP) airplane vs bind-n-fly (BNF) and using a new Forward Programming RX. All down following the on-screen menu.



6 FROM THE EDITOR — BY MEL SUAREZ

6.1 ALWAYS A WRINKLE!

Was going to fly the FPV racing drone for my family in West Virginia. Spotted a kid on a bike in the neighborhood and said “Hey, I’m about to fly a racing drone in case you’d like to see it.” Sure enough, Noah spread the word and soon there was an entourage of boys, girls, and mom/dad following my brother, brother-in-law and I to the nearby field.

From the backyard, my sisters watched as I explained to the kids and mom the basics of FPV drone flying. Such fun to see their faces light up as they looked through the goggles and passed them around as I flew a quick flight w/o goggles. Then I put the goggles on and did my usual somewhat exciting maneuvers. They seemed to love the quick vertical climbs and rock-like drops.

There was a small tree to my right about 10 yards and slightly in front. What a mistake b/c I forgot all about that very small tree. And as I did some close fly-by’s, it smacked into the tree and fell. But luckily there was no damage.



(photo courtesy of Manny Suarez)

6.2 HATS OFF TO MCRCF TRAINERS

Often, I see guys getting training at the field. It reminds me of the old days when I was doing that over in Burlington. Certainly, it is rewarding to see another person get the bug and succeed in flying. But it does take time away from one's own building and flying. Hats off to you, Tony DiPersio, Ray and others who have been working with Muhammad Sami to get him going. Training updates from Jerry Crowley provided in the Random Stuff section below.



(photo courtesy of Mel Suarez)

7 AMA EVENTS – ARE YOU GOING?

From the Event Finder at <https://www.modelaircraft.org/> for **District 1, 6/1/2021 – 8/31/2021**

JUNE5 - 6
107TH RC FLYERS GX SHOOTOUT
CLASS A
Contact: NEIL SIMPSON
Location: 1330 Salem Turnpike Saugus MA 01906
JUNE5 - 6
GRANITE STATE 2021 IMAC
CLASS AA
Contact: JAMES CYR
Location: 58 Locke Rd Concord NH 03301
Visit Website
JUNE12 - 13
2021 WARBIRDS OVER ELLINGTON

CLASS A

Contact: DENNIS THIBODEAU

Location: 190 Green Rd Ellington CT 06029

[Visit Website](#)

JUNE12 - 13

MEMORIAL FUN FLY

CLASS C

Contact: MICHAEL DEFRANZO

Location: 479 Norwich Rd Salem CT 06420

[Visit Website](#)

JUNE13

SPRING FLING

CLASS C

Contact: PAUL STOTT

Location: 76 Maple Avenue Durham CT 06422

JUNE16 - 20

2021 PLUM ISLAND JET RALLY

CLASS C - RESTRICTED

Contact: ROBERT RADFORD

Location: 19 Plum Island Turnpike Newbury MA 01951

JUNE26

STEALTH SQUADRON 2021 EARLY SUMMER CONTEST

CLASS A

Contact: STEPHEN EVANS

Location: 24 Candlewood Rd Ipswich MA 01938

[Visit Website](#)

JULY11

DAWN PATROL

CLASS C

Contact: JOEL LANG

Location: 190 Green Rd Ellington CT 06029

JULY17 - 18

2021 MAINE IMAC CHALLENGE

CLASS A

Contact: TYLER MCCORMACK

Location: 201B Tobey Road New Gloucester ME 04260

[Visit Website](#)

JULY17 - 18

ALES CONTEST

CLASS A

Contact: DAVID SPIELMAN

Location: 233 North Road Sudbury MA 01776

[Visit Website](#)

JULY17

ALL ELECTRIC FUN FLY AND SWAP MEET

CLASS C

Contact: MICHAEL DEFRANZO

Location: 479 Norwich Rd Salem CT 06420

[Visit Website](#)

JULY - AUGUST30 - 1

PLUM ISLAND IMAC COMPETITION

CLASS AA

Contact: DAREN HUDSON

Location: 19 Plum Island Turnpike Newbury MA 01951

[Visit Website](#)

JULY - AUGUST31 - 1

WARBIRD WEEKEND AT THE SWAMP

CLASS C

Contact: JAMES CYR

Location: East Coast Swamp Flyers Access Road Northford
CT 06472

[Visit Website](#)

AUGUST7 - 8

NCRCC ANNUAL TWO DAY PYLON RACE

CLASS AA

Contact: JOEL LANG

Location: 190 Green Rd Ellington CT 06029

[Visit Website](#)

AUGUST21

JOHN NICOLACI MEMORIAL FLOAT FLY

CLASS C

Contact: EDWARD WATTS

Location: 461 Mary's Pond Rd Rochester MA 02770

AUGUST21 - 22

**SECOND ANNUAL FRITS MEMORIAL SOAR-IN
(FORMERLY CRRC SOAR-IN)**

CLASS A

Contact: CHRIS SCHUCH

Location: 233 North Road Sudbury MA 01776

[Visit Website](#)

AUGUST21 - 22

WING OVER HADLEY

CLASS C

Contact: MICHAEL SHAW

Location: 21 Honey Pot Road Hadley MA 01035

[Visit Website](#)

8 RANDOM STUFF



8.1 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

8.2 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.

8.3 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
Gerry Crowley	978.857.1408
Tony DiPersio	978.430.2800
Jeff Ward	978.987.1142
John (Yaz) Yassemedis	603.321.8442
Stephen Faust – incl. FPV racing drones	978.925.9810
Neil Cumbie – 3D and XA (new)	678.358.7006
Jim Orsborn (Horizon Hobby Coach)	https://www.horizonhobby.com/flight-school-find-a-coach.html

8.4 MCRCF.ORG MEMBERS ONLY PAGE

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



[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

8.5 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>

8.6 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>

8.7 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

8.8 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 - 978 208-7969

8.9 CLUB SAFE LOANER 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)

8.10 TRAINING REPORT

Member	Training/Checkout Status	Type
Steve Marone	Checked out for drones. Needs fixed wing training	Jerry
Eli Wiel	Checked out for drones. Needs fixed wing training	Jerry
George Butch Balduf	Training In progress	Tony
William Schwahn	Moved to Colorado.	N/A
Gerald Sunderman	Training In progress. Waiting for Covid relief.	Jerry
Jon King	Done. Checked out.	Jerry
Hugh McNeil	In Training. Using the Club's loaner laptop/sim.	Jerry
William Lunt	Need to refresh need for training	Jerry
Charlie Petricone	In training. 2021 membership active.	Nitro & Electric
Taylor Alexandra	In training for drones/plans fixed wing training in future	Jerry
Muhammad Sami	In training	Ray/Tony
Bob Forgione	Refresh training for fixed wing	Jerry

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