



Volume 2020-12

Middlesex County R-C Fliers Club Newsletter – December 2020



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

*MCRCF Regular Meeting
- Wednesday, December
2*

**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.**

**All Scheduled In-Person Events are considered
CANCELLED* until further notice**

****Due to you know what... WEAR YOUR MASK at the
field when you can't separate!***



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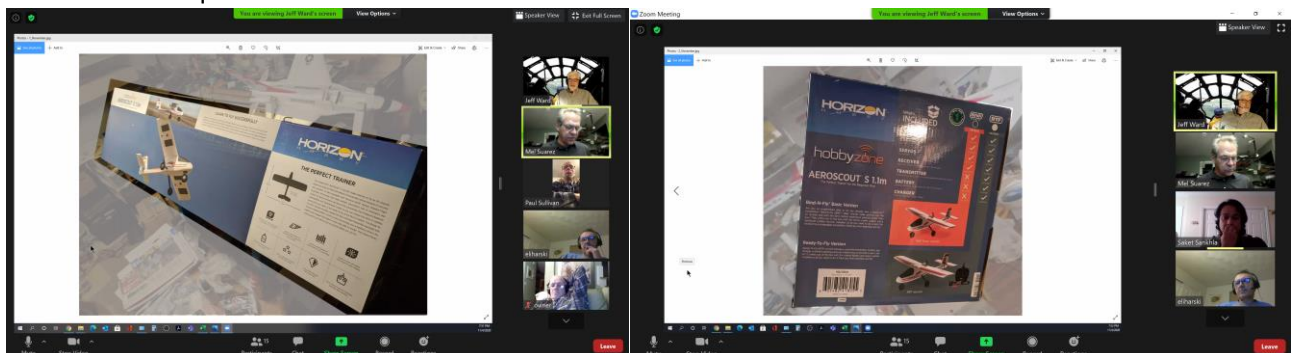
2 CLUB MEETING NOTES – BY SAKET SANKHLA & MEL SUAREZ

Attended: 15

1. Saket: 54 members, nothing changed since last month. 6 students as of today.
2. Election: Jeff will email members if someone is interested in running for office.
3. Paul, Saket, Jeff appreciated the work Mel puts into the newsletter and his effort in gathering information and consolidating it from different sources such as: WhatsApp, interviews, his own webpage research.
4. Ray has put safety instructions at the field information board.
5. Jeff: Volunteered to keep the donated student airplane at his workshop and share the locking key with instructions
6. Mel: We should have a training report to know the progress.
 - a. Everyone agreed that it is a nice idea. Saket will help him.
7. Saket: How long can a student can get trained without joining the club.
 - a. Mel: I think its 60 days. Someone should look into the exact days. The instructor should be informed that the student will join soon as it will not go on for free.
8. Yaz: The new student should be soloed with a different instructor and approve by them.
 - a. Everyone agreed to it.
9. Yaz: Do we have a dedicated flight instructor/coordinator?
 - a. Saket and Mel: We don't.
 - b. Paul: Will ask Jerry Crowley if he would be interested in being the contact.
10. Eliharski: Suggested that we should have FM flight pins in the field box and anyone that needs it should be able to use it.
 - a. Jeff: Good idea but everyone should follow the membership card and the instructions that come with it and that is to make a copy of the card and place it on the pole.
 - b. Jeff: Pilots that are using the FM (numbers are low) should be mindful and we should enforce the system we have.
 - c. Paul: We can use magic markers and index chits to write your FM number.
 - d. Everyone agreed to Jeff's points mentioned above.
11. Eliharski: New technology should be introduced to all the members, e.g. a training session so that all can learn, such as the SAFE technology.
 - a. Everyone: Great idea, let see how we can efficiently use it.
 - b. Yaz: I can help in this regard.
12. Mel: Will create a list of announcements when someone is taking off and landing and other instructions like that.

Mel's Addendum:

The Club has acquired a new AeroScout. Attached are screen shots of the box that it came in:

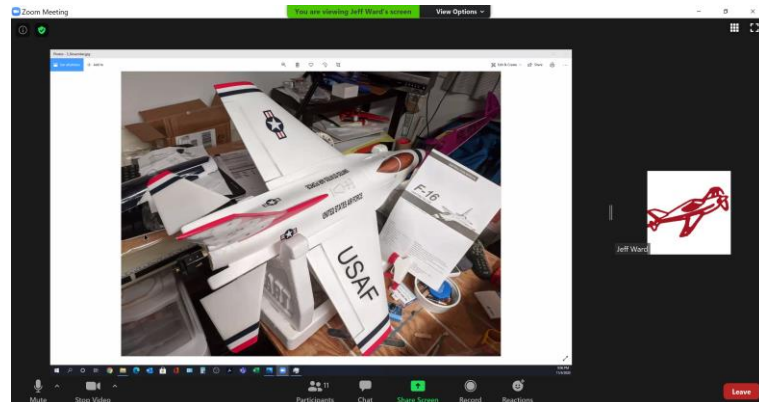


- New member. Bill Lundt
- Paul: no auction. Zoom Xmas party?

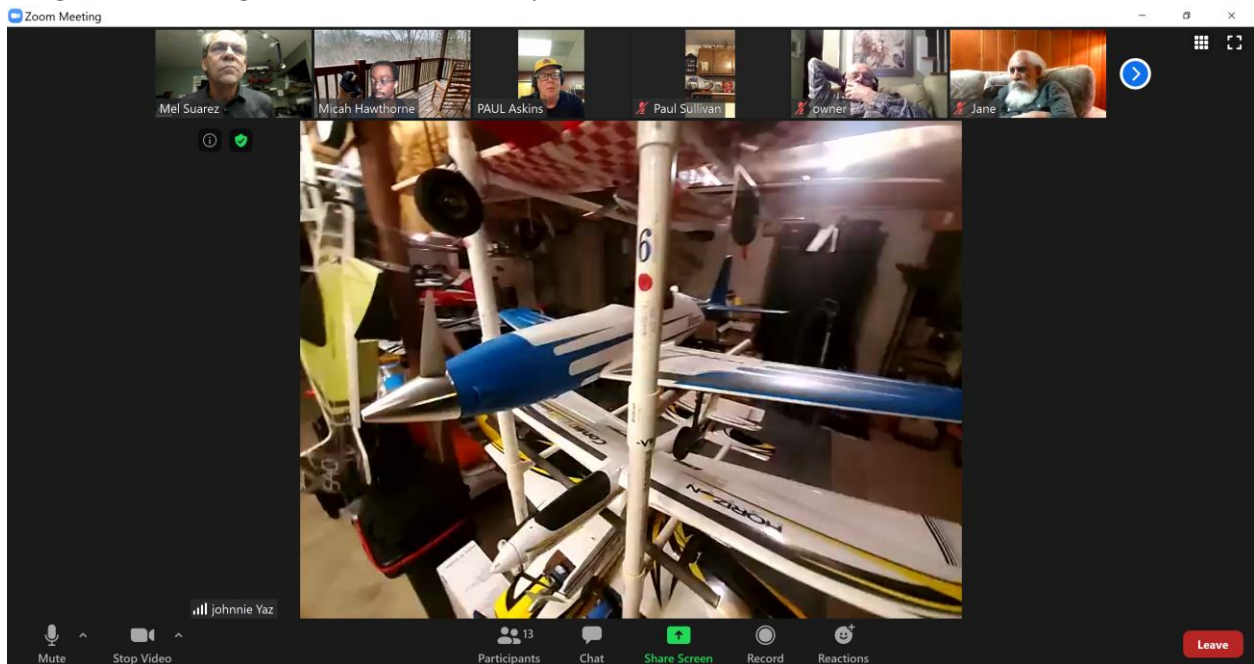
- V1200 pr a Timber Night, allows you to have GPS with alt and speed. Down to 50\$. It will tell you height and speed.
- Yaz: Frozen Fingers Fun Fly – 3 contests into 1. Will have a demo flight.
- No Auction this year.
- Jeff: Organization of the field box would be good. It's a mess. Need a volunteer to do that.



2.1 SHOW N TELL



- Jeff's F16 – his latest project -
- Yaz gave an amazing tour. Prominent in the picture below is the E-Flite V1200:



- Jane Walker's son is a glider pilot. Every other year for team practice, he heads out to San Diego. His name is Tom Kiesling.



3 THE CLUB HAS A SPANKING NEW TRAINER!

The Club has acquired a brand new ready-to-fly (RTF) AeroScout. Much of the money came from a gift certificate to ABC Hobbies that Yaz had. Others contributed.

Jeff Ward picked it up and got it all ready, including adding a handsome, customized transmitter case. The package includes two 3S 2200 Spektrum smart batteries.

He will be hosting the aircraft in his hangar/shed. Contact him if you are interested in using it to train someone.



From Jeff: "I've attached a couple of pictures of the Aeroscout in its storage area and the contents of the transmitter case."



4 TRAINING REPORT

This is an effort to track training and/or checkout for the membership. Data was gathered from several members including the secretary and the trainers. If there are updates or we've gotten something wrong, let me (Mel) know. In the future, I was thinking that this report might be part of the "Random Stuff" section – which then might need a different, more serious heading.

Member	Training/Checkout Status
George Balduf	Training In progress
Hugh McNeil	?
William Schwahn	?
Gerald Sunderman	Training In progress*
Ken Vezina	Soloed 11/2020
Jose Rosado	Soloed 11/2020
Micah Hawthorne	Soloed ~8/2020
Eugene Eliharski	Soloed ~8/2020
Mohammed	Training In progress – has AMA, needs membership

* Wants to take it easy during the pandemic.



5 NEWLY SOLOED PILOTS – JOSE & KEN

Ray Capobianco and Gerry Crowley worked with Jose Rosado and Ken Vezina. Jose started about 15-20 years ago. He never showed up for the solo certificate. Got away from the hobby for a while. So, it was quick to pick it up again.



6 FROM THE HANGAR



6.1 RANDY'S NEW MICRO-DRONE

He plans to fly it indoors this winter.



21g Eachine UZ65 65mm 1S Whoop FPV Racing Drone BNF Runcam Nano3 35mm Propeller 5.8G 25~100mW VTX Internal SPI Flysky Receiver

[https://usa-m.banggood.com/21g-Eachine-UZ65-65mm-1S-Whoop-FPV-Racing-Drone-BNF-Runcam-Nano3-35mm-Propeller-5-8G-25~100mW-VTX-p-1640609.html?utm_source=googleshopping&utm_source=googleshopping&utm_medium=cpc_organic&utm_medium=cpc_bgcs&gmcCountry=US&utm_content=minha&utm_content=frank&utm_campaign=minha-usg-mb&utm_campaign=frank-ssc-usg-all-20LP-0630¤cy=USD&cur_warehouse=CN&createTmp=1&ID=6286706&ad_id=445415610714&gclid=Cj0KCQIAqo3-BRDoARisAE5vnaJgLF6wVYBSky92pSOXm6En9tSwaevJ9yS72m1E9E9w3-orq\\$WbaroaAnwoEALw_wcB](https://usa-m.banggood.com/21g-Eachine-UZ65-65mm-1S-Whoop-FPV-Racing-Drone-BNF-Runcam-Nano3-35mm-Propeller-5-8G-25~100mW-VTX-p-1640609.html?utm_source=googleshopping&utm_source=googleshopping&utm_medium=cpc_organic&utm_medium=cpc_bgcs&gmcCountry=US&utm_content=minha&utm_content=frank&utm_campaign=minha-usg-mb&utm_campaign=frank-ssc-usg-all-20LP-0630¤cy=USD&cur_warehouse=CN&createTmp=1&ID=6286706&ad_id=445415610714&gclid=Cj0KCQIAqo3-BRDoARisAE5vnaJgLF6wVYBSky92pSOXm6En9tSwaevJ9yS72m1E9E9w3-orq$WbaroaAnwoEALw_wcB)

6.2 DAN M – GETTING HIS CUB READY

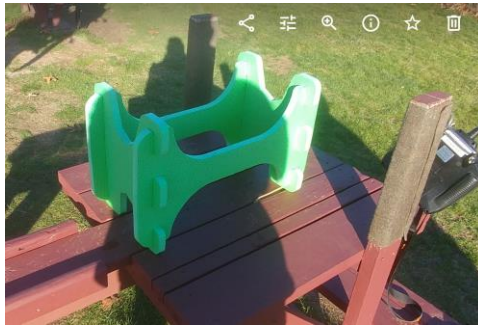
“Mel, do you know how long I’ve been working on putting this plane together???” He looks at his watch. “25 minutes! And I’m still not done!”
Dan even built a stand for this purpose.



7 FLYING TIPS

7.1 STYROFOAM PLANE HOLDER – RANDY GROSSMAN

Randy had this Styrofoam airplane stand. This seemed like something useful to have on a workbench. I looked I up. It’s \$18 at HobbyKing. https://hobbyking.com/en_us/hobbykingtm-lightweight-foam-model-aircraft-stand-black.html?utm_source=google&utm_medium=cpc&utm_campaign=google_us_shopping&countrycode=US&gclid=Cj0KCQIAzZL-BRDnARisAPCJs73emrRlobOvAF6IMS_XGvVRwg3uW5Z5D8p1uSw-zv9EYO_gI_IP95AaAvZIEALw_wcB&gclsrc=aw.ds



8 THE PILATUS (AKA HANGAR QUEEN) MAIDENS! – BY RANDY GROSSMAN



Link to the maiden voyage here (courtesy of Micah Hawthorne): <https://www.facebook.com/1309995703/videos/10224279113548057/>

They say the best things are worth waiting for and so it was with my Phoenix Models Pilatus PC9. It only took me about 3 or 4 years but I finally maiden it today. I bought and assembled the plane not too long after I learned to fly and it was such a pretty model (my first balsa and monokote ARF) and I was still a relatively new pilot. So I let it sit "until I felt I was ready". In the meantime, I've maiden about 8 or 10 different planes and gliders mostly without incident so what was I waiting for?

I was determined that 2020 would be the year and rebuilt the landing gear in the spring switching from mechanical retracts to servoless retracts. I could never get the servo-driven retracts to work properly (yet another reason for delaying the maiden flight) and finally punted and made the switch. If you are ever thinking about experimenting with mechanical retracts, I highly recommend banging your head against a wall for an hour or two. It's just not worth the effort.

[About the retracts] It's just an electric motor driven retract with a tiny jack screw inside to move the trunnion up and down.

9 FROM THE EDITOR — BY MEL SUAREZ



9.1 MY RACING DRONE IS BACK!

Funny how you get away from certain flying machines for a while. My Vortex 150 Mini needed a new receiver. I was dreading doing the surgery and the setup with Taranis FrSky and the new, smaller receiver. But after a few hours, it roared back to life.

Then there were issues with the goggles and an intermittent connection. Gerry Crowley came to my rescue and found the break in the lead from the battery pack and also cleaned up some soldering I had done. I owe him.

It's nice to get behind the sticks and go crazy.



Here's a piece I wrote about the experience:

Yesterday I found myself more than happy. I looked for the proper word while talking with Susan. It was not "rejoicing" although that was part of it for sure. I had finished going to the field, hanging out with the guys and checking out their airplanes. Saying hello to Mac and Hank who were flying electric foamies. Then it was time to fly the racing drone. I had been debugging it during the week, reading/watching stuff on the internet. Placing the small vehicle on the runway, backing up to the flight fence, slipping on the goggles, and firing up the little beast was the ritual that preceded the flight. Then I flew the drone up and down the runway, at high speeds, did some maneuvers around trees, did some dives, and essentially performed an acrobatic dance for my colleagues -- and myself -- feeling that joy of motion that a dancer must feel. As I flew, a younger fellow came by and was mesmerized and while I flew asked questions about the drone. That level of interest made it even more fun to fly. Turns out, he had been racing his RC car up and down the small street that goes in front of our field and down the hill. And, I mentioned to the guys after landing that I didn't have the drone set to the craziest of all modes - the acrobatic mode - so that there were flips and rolls to be added to the aerobatics. They were amazed saying "That looked quite aerobatic to me!" Well that just made my day even more. The word I was looking for was that I was "reveling" in the flight I just had. So, I hope all the readers that got this far are able to revel in a hobby or family or something on occasion.

10 AMA EVENTS. YOU GOING?

Below are the results for a search on the Event Finder at <https://www.modelaircraft.org/>

Event Results: **District 1, 12/1/2020 – 3/31/2021**

No records...

11 RANDOM STUFF

11.1 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

11.3 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	781.944.6056
Gerry Crowley	978 857-1408
Tony DiPersio	978.430.2800
Jeff Ward	978.987.1142
John (Yaz) Yassemedis	603.321.8442
Jim Orsborn (Horizon Hobby Coach)	https://www.horizonhobby.com/flight-school-find-a-coach.html
Stephen Faust – incl. FPV racing drones	978.925.9810

11.5 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>

11.7 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

11.9 TIM TAIT'S MCRCF PHOTOS

Tim: Posted some new photos to my MCRCF Google photos auburn
<https://photos.app.goo.gl/GDgwXDi632UExTV48>

11.2 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 currently houses RealFlight 7.5.

11.4 MCRCF.ORG MEMBERS ONLY PAGE

Contains our Membership List, RealFlight files that mimic our field, and other info.



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

11.6 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>

11.8 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.

11.10 CLUB TRAINER IS AVAILABLE (NEW)

The AeroScout is ready for use for training. Contact Jeff Ward to reserve it. It has several



batteries and transmitter.

11.11 TRAINING REPORT		
George Balduf		
Hugh McNeil		
William Schwahn		
Gerald Sunderman		
Ken Vezina	Soloed 11/2020	
Jose Rosado	Soloed 11/2020	
Micah Hawthorne	Soloed ~8/2020	
Eugene Eliharski	Soloed ~8/2020 (not on members list)	
Mohammed	Member?	

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