

Middlesex County R-C Fliers Club Newsletter – December 2019



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>

Club Events

Monday, 12/16, Indoor Flying at Mt Hope Center,
Burlington

(indoor flying plan is *usually* the 2nd Monday of the month.)

Christmas/Holiday Party:

Saturday, 11 January 2020 - HOLIDAY PARTY!

At the Great Wall Restaurant

Member and guest welcome.

Gather between 6:30 and 7:00 PM, Buffet at 7:00 PM
 Great Wall Restaurant
 309 Great Road, Bedford MA
 \$20 each, not including drinks



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2 RESULTS ARE IN FROM THE FUN-FLY

Results are in from the judges regarding the last Fun-Fly:

- 1st place \$75: Neil Cumbie,
- 2nd place \$50: Nick (guest),
- 3rd place \$25: John Yassemedis (aka Yaz).

Congrats to all participants! You made it interesting and fun.

3 INDOOR FLYING! DAY 2

Once again – 2nd time – several of us went nuts with some indoor flying. A day that will go down in infamy – Nov 18. It was almost the same crew as last time – **Neil, Yaz, Don and I** -- with the addition of **Bob Forgione** but no Paul Sullivan this time. Bob came by to watch and then got enthused and went home (nearby) and grabbed a plane. So that is 5 on Day 1 and 5 on Day 2.



Neil Cumbie was doing waterfalls, crazy 3D and occasionally wiping out a prop in the process. He also debuted a drone that really hauled. Impressive speed and quite light and fast. "It's actually not new. Like 3 years old. Back then a bunch of us got one. But it's a Blade Nano QX. It's Spektrum so available as a BNF. They still sell it now but it has SAFE."

Bob Forgione got his plane up into the rafters. Bill jumped into action and retrieved it. Flying indoors is a whole new experience. It's tight. Constant turning.

Yaz came carrying 3 or so boxes of aircraft. As you can see, he enjoyed some FPV flying. He smacked his little Cub pretty good; front end looked a little squished. Hope it's repairable, Yaz.

Oh yeah, and my drone's frame could use replacing – which reminds me, I need to order at least one Inductrix frame. Right. I also had my blue truck out - \$10 special from our last auction - and harassed people (not a lot) as they flew.



Yaz came loaded with boxes that contained all kinda flying aircraft. As you can see in the picture, he had a cute, little UMX Carbon Cub SS among other things. He was using my Fat Shark goggles that I believe worked fine for him. You can see him below trying a different posture. Above right you can see Yaz praying to the FPV gods for inspiration.

Planes were flying. I had my Inductrix FPV Brushless drone going.

4 MEETING MINUTES – NOVEMBER 6

4.1 MEETING NOTES – MEL SUAREZ

Flight Safety - The Club recommends that everyone that can set up Fail Safe. This requires a receiver that has that ability. Thus, if the receiver stops receiving a signal from the transmitter, the receiver sets the throttle to zero and the other channels to whatever they were when the receiver was bound to the transmitter. Most people are going with full elevator, rudder and aileron so that the plane falls directly downward the minute it loses contact instead of drifting, aimlessly outside the flying field boundaries thus endangering the community.

It is recommended that Fail Safe be tested at the start of flying. Turning transmitter off, should show the throttle at zero and the other surfaces as desired, e.g. full deflection.

Treasurer, Jeff Ward – Jeff reported \$11,000 in the bank at the end of September. There was mention of \$1800 for cutting (lawnmower) fees.

Earlier Meeting Time - Don Fitzreiter suggested earlier meetings.

Random Discussion - Discussion then veered towards tethered, free flight (might have been Neil) and pulse-jet u-control. Because of **Nick's** interest in the latter (which Mel reminded), Jeff pulled up a YouTube video of a flight. This may have been the one: <https://www.youtube.com/watch?v=TLctzx28w>

If you haven't seen this, it is absolutely incredible...200mph flight...the pilot holds on to a pole for dear life to help counteract the centrifugal force. The fuel tanks are triangular so that the centrifugal force pulls the fuel towards the "bottom" of the tank, i.e. the outer side. (...but we digress...)

Christmas/Holiday Party - was discussed as happening from 7-9pm on January 11th.

Flight Coach - **Jim Orsborn** mentioned that he was accepted as a **Flight Coach** by Horizon Hobby. This means a person can fly with him and a Horizon Hobby model with AS3X and they get 3 months of AMA membership.

Paul Sullivan - is going to the Rich Williams memorial Mass in case anyone else was interested.

Nominations - **Jerry Crowley** mentioned that elections are coming and the he is heading up a nominating committee.

Membership – **Saket** mentioned that membership forms are due in.

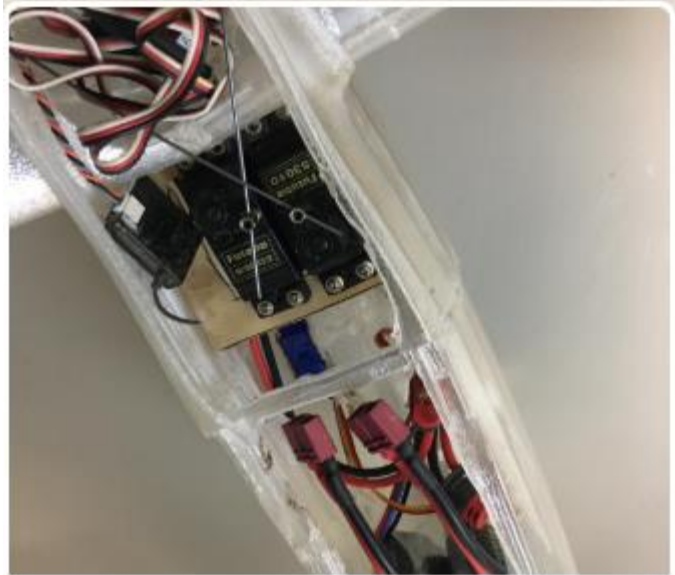
4.2 SHOW N TELL

Bob Forgione showed off his newly 3D-printed P38 Lightning with servos and gear in place. The plane looked particularly cool with its see-through texture and realizing that most of the larger parts were printed. I think I speak for most of us in saying we had never seen a 3D-printed RC airplane.

Bob mentioned that it was not an easy build and that he had to figure out some things on his own, including how to mount the servos that were different in size from the original plans. Bob paid \$80 for the parts on EBay but he also said there were parts missing and requested his money back and got it.

<https://3dlabprint.com/shop/lockheed-p-38-lightning/>

Below are some pictures courtesy of Neil Cumbie.



5 FROM THE HANGAR

John Parisi's Tundra is ready, Jim Orsborn helps by checking things over. It was wonderful to hear the engine come to life for the first time. The plane is quite large but looks docile, sturdy.



From **Sharad**:

"Here is a used plane I got in November. 3DHS 65-inch Vyper. Has a crazy roll rate! Only flew it once...dying to get it in the air again."



John Parisi: The white ones were bought at an auction. They are brand new but don't know the manufacturer. The black skis are from Morgan Mill. They say for a 6-9 lb plane but I think they will work for much bigger. I have the hardware that Bill Copp used to make for attaching the Dubro skis. Have to see how to adapt for larger aircraft. I have another large set of skis made out of aluminum that I had on my Cub. Will put those on the Timber. I will take a picture of the aluminum ones, they look cool with a lot of rivet detail.



Here is another set of skis from MaidenUSAMP.com, these are 16", they make 12 and 6" I think also. (Go to <http://www.maidenusamp.com/snow-skis-1/index>)



Jim Orsborn: Here is a pic of the Edge 540 from Twisted Hobbies. It was a nice build with downloadable plans/instructions. Guess there may also be a set on on-line U-Tube videos. Couple mods that I did: notice larger wheels came from an Apprentice carcass that I had saved for parts.

I also installed the foam wheel pants backwards to give more room for the wheels. Note the tail wheel that was added to the factory skid. This idea (and wheel) came from John P. I used a profile picture that is laminated and then glued to the side to add my contact info and the required AMA and FAA numbers.

The build uses carbon fiber pushrods with mm size dimensions and ball joint ends to make very solid connections to the control surfaces. I've had one flight thus far. Went well and the plane came down safely. But it flew quite "tail heavy" so I intend to move the CG a bit more forward.

I'm hoping to trim it for pattern flight until I get familiar with the flight characteristics. Then I'll work with someone who can help me start to fly some basic 3D maneuvers.

I also bought some new Smart batteries. I set them to auto balance for storage if not used in three days. Thus far they look like a nice investment. I picked up one of Jeff's storage boxes and turned it into a charger / battery checker case. See the second picture.



6 ARE YOU GOING? EVENTS IN OUR DISTRICT

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

Event Results: District 1, 11/1/19 - 2/28/20

JANUARY 5

STEALTH SQUADRON FAC 49 1ST WINTER CONTEST 2020

CLASS A

Contact: STEPHEN EVANS

Location: 68 Elm Street Georgetown MA 01833

[Visit Website](#)

JANUARY 12

MID WINTER MADNESS INDOOR FF CONTEST

CLASS AA

Contact: JOHN KOPTONAK

Location: 330 Hubbard St Glastonbury CT 06033

[Visit Website](#)

JANUARY 18

CENTRAL NH R/C SWAP MEET

CLASS E - NON-FLYING

Contact: DANIEL WEED

Location: 3 Bow Center Rd Bow NH 03304

JANUARY 26

2020 FROZEN FINGERS FUN FLY

CLASS C

Contact: JOHN YASSEMEDIS

Location: 14 Griffin St Merrimack NH 03054

[Visit Website](#)

FEBRUARY 9

AUCTION

CLASS E - NON-FLYING

Contact: THOMAS DENTREMONT

Location: 162 Winn St Burlington MA 01803-3116

[Visit Website](#)

FEBRUARY 9

STEALTH SQUADRON FAC 49, 2ND WINTER INDOOR CONTEST

CLASS A

Contact: STEPHEN EVANS

Location: 68 Elm Street Georgetown MA 01833

7 FLYING TIPS

7.1 DIY CANOPY PROTECTION — JOHN PARISI



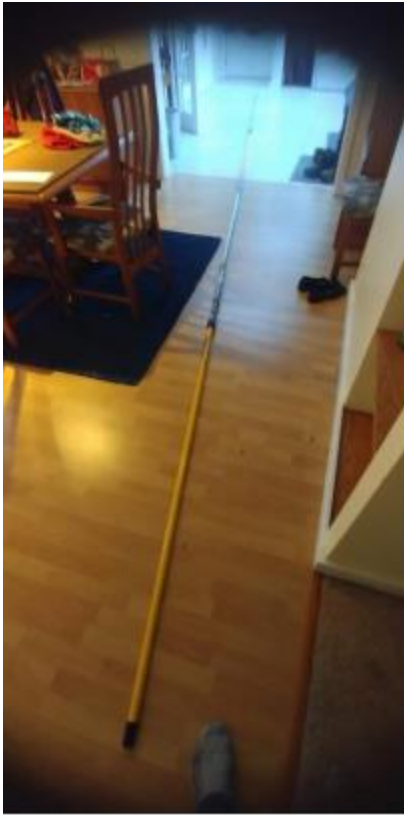
From John Parisi: “Made this out of cold pack bag from groceries sent by Whole Foods!! Same as the wing bags sold by Extreme Flight...”

7.2 HOW TO RESCUE AN AIRCRAFT — WITH PAINTING POLES! — MEL SUAREZ

Steps to create your own “aircraft retrieval system”:

- Buy a few paint roller extension poles.
- Cut the end of one right off and insert the other.
- Poke a hole through the joined poles and put a nail or long screw through the hole to keep them together.
- Attach a hook of some sort on the far end.
- Take it apart, throw it in the car and off I go, to the rescue!

I used a small paint roller on the end. It isn’t perfect, but I’ve rescued 3 aircraft with it so far. I think it would be helpful to change the shape of the paint roller so it’s more of a hook or something so it makes a better grabber. It’s not as good as hiring a tree climber, by the way. So, if the model is expensive enough, that would be a better way to go. Are there other solutions people want to share? If so, send them in to my email address or call me.



○

Please submit your tips to me at melsuarez@Verizon.net , on WhatsApp or text (617.335.9770) and put "TIP" in the text, in the subject or text so I can find it later. Don't everyone write at once! (just kiddin' 😊)

8 FROM THE EDITOR – MEL SUAREZ

8.1 WHERE DO OUR MEMBERS COME FROM, YOU MAY ASK?

Just for grins, I decided to pivot the member list and see what towns people were from. I highlighted the top 4 towns:

City/Town	Count of AMA Number
FL	1
Dade City	1
MA	59
Allston	1
Andover	1
Arlington	1
Ayer	1
Bedford	4
Belmont	1
Billerica	11
Burlington	2
Carlisle	7
Chelmsford	3
Concord	2
Dracut	1
Groton	1
Haverhill	2
Lexington	2
Lowell	6
Lynnfield	1
Maynard	1
Methuen	1
N. Chelmsford	2
Pepperell	1
Reading	2
Tewksbury	1
Wakefield	1
Westford	2
Wilmington	1
NH	2
Nashua	2
Grand Total	62

8.2 MCRCF REALFLIGHT SIM GROUP FORMED!

I just purchased RealFlight 9 from the ABC Hobby Store. Wow! It was so easy to install on my laptop and runs quite nice. The laptop is fairly powerful with a solid-state drive, though. BTW, anyone that has a laptop without(!) a DVD player, I had no problem downloading the software and installing it. ABC gave me the promised 5% discount as well. I paid \$180 – 5% for the software and controller.

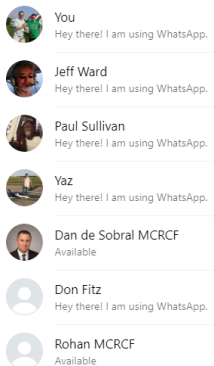
The controller, btw, looks a lot like my Dx9.

If anyone is interested in the details of installing the software from the internet, send me a note or call.

So, what I've found from flying a simulator in the past is that I fly a LOT more if I hook up with others on the internet. RealFlight (and I imagine other sims) is amazing in that anyone can host a session at the touch of a button. And the session can be private, i.e. with a password to enter, or public.

So, we've set up a MCRCF RealFlight group on WhatsApp to coordinate hosting. In general, the name of the hosted site will be MCRCF and the password will be "mcrcf".

So far, the group consists of the following...but it's growing day to day...



We know that RF8 works with an RF9 hosting and we'll see about 7.5 which is what Rohan has.

8.3 NOTHING LIKE ABC'S SKUNKWORKS

My favorite part of the ABC Hobby Store is the back. Checking out all the models that Tony has repaired is striking, to say the least. Boats, drones, cars, airplanes...they're all there. Probably 150 of them.



If anyone needs rubber bands, I have *way too many*. Check out the huge bag below:



9 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/>

Address: 11 Rockingham Rd, Windham, NH 03087

Phone: (603) 458-6481

If you wish to unsubscribe, please email info@mcrcf.org and write "UNSUBSCRIBE" in the subject.

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

