
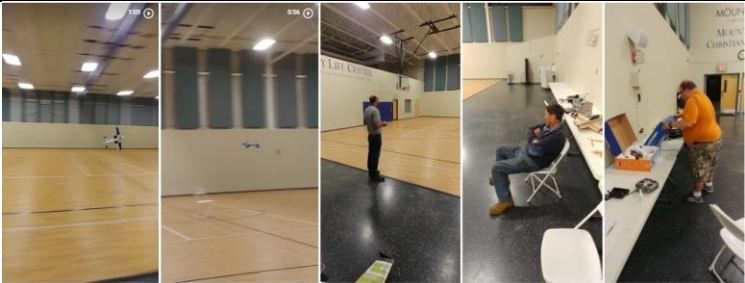


Middlesex County R-C Fliers Club Newsletter – November 2019



Email: info@mcrclf.org
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Newsletters: www.mcrclf.org/misc.htm
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Club Events
Monday, 11/18, Indoor Flying
Monday, 12/9, Indoor Flying
(indoor flying plan is for 2nd Monday of the month.)
Christmas/Holiday Party, TBD



President	Neil Cumbie	
Vice President	Paul Sullivan	
Secretary/Registrar	Saket Sankhla	Saket.Sankhla@gmail.com
Treasurer	Jeffrey Ward	
Director	Dan Costa	
Director	Randy Grossman	
Director	Dan Micalizzi	
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2 NICE FUN-FLY ON OCT 6



It was an amazing time at the fly-in. Before the fly-in, Yaz showed up with a trailer full of cool stuff and flew his glider (aka sailplane) at high speeds including performing 4 loops based on inertia and gravity alone...no power. Very impressive.

Yaz's friend, Nick, came charged with enthusiasm and a nitro trainer that was ready for its maiden flight, thanks to his Mom, who is a great fan and total supporter of his hobby, and thanks to Yaz, of course. Check him out in the picture above showing a flying wing with which he competed.

We did:

LIMBO - Entrants fly one at a time and each successfully pass under the limbo scores points. Time limit 2 minutes. Double points for inverted.

This was incredible as Sharad, Neil, Yaz, Nick and Saket competed. The planes came and went at amazing speeds and it was one of those events where landing gear really got in the way for the expert pilots because the limbo line was so low.

Nick and Saket flew super-hard and fast. And, thus, there were amazing crashes as the pilots competed against time...smashing into the poles at times, quickly replacing battery and checking surfaces and going again. Ray ran out and to reset the limbo string.

EGG DROP - A cup is fastened to plane and entrant has three eggs they attempt to drop in one of two circles. Higher points for the smaller circle.

Plenty of skill required, taking the plane's momentum into account during the drop.

COMBAT - Entrants attach ribbon to plane and all fly together attempting to cut another plane's ribbon. Points for each hit.

There was no entry fee and the food was free. Thank you, Jerry Crowley, for cooking up the food. Prizes went for \$75, \$50 and \$25 for 1st, 2nd and 3rd place.

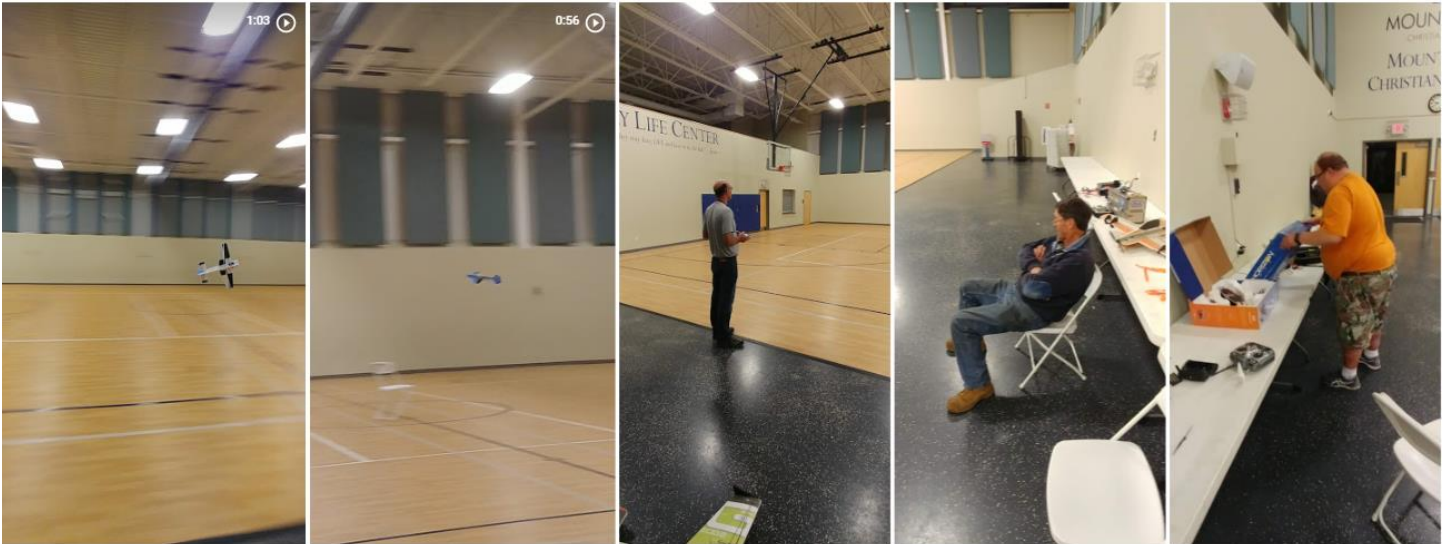
3 INDOOR FLYING! FIRST MONDAY OF THE MONTH – BY MEL SUAREZ

We had a gym all to ourselves – the Mount Hope Christian Center in Burlington. What an absolute blast! Incredible flying by several of the guys.

Indoor flying is a whole different story because of the constraints. Yaz is a very accomplished pilot who was able to actually flying BEHIND the backstops several times. Neil Cumbie – el Presidente – showed off his extreme acrobatics, indoor flying. Paul Sullivan also got a few flights in and avoided the walls well – something I was unable to do.

Yaz gave me some "stick time". I love you, Man! 😊 Enjoyed flying his plane. Flying slow is key. Definitely have to get an indoor foamy now. Will certainly fly the Blade Inductrix FPV Brushless next time.

The Club handled the charge for use of the gym. We have several more Monday sessions planned for the 2nd Monday of the month. Next one is on 11/18. Thanks, Don Fritz, for making it happen and Yaz for doing the filming that the Center requested. Location: 3 McGinnis Drive Burlington, MA 01803.



I got the custodian to put on the FPV goggles while I took the RC FPV truck for a wild ride. It was not as fast as my Traxxas that scoots at 30mph...but it did the job. Got it for \$10 at the last MCRCF Auction.

4 MEETING MINUTES – OCTOBER 2

Attendance: ~12, Location: Billerica

Notes:

Fun-Fly – Oct. 14. Open to other Clubs. No charge. There will be food. Should have membership applications handy.

Indoor Flying – Mondays, 8 to 10pm, at the Mount Hope Christian Center in Burlington. Agreed the Club would pay the \$30 for the first session at least.

Seeding and Fertilizing – coming soon. Will need to call off mowing.

Wings and Wheels – At Collins Foundation. Planes, vintage cars. AMA was there. Many flew simulators and later got on buddy boxes.

Brush cutting - There was talk about cutting back the tall section to the right of the pit area. Paul Sullivan suggested that we rent a machine and just do it ourselves.

New Flight Bench –



← Picture courtesy of Jim Orsborn. Taken before wheels and edging added to the tail area.

From Jim:

"I want to thank Dan del Sobral for helping me build the new flight stand. We had to split the build into two meetings; so the picture shows the partially complete stand before we added wheels and some edges around the tail section and back of the stand. John Parisi made a point of asking that we put wheels on the stand. He also said that they should be added to the other stands when we have time. With

the wheels it is very easy to relocate the table to any desired spot. The current location is suitable for electric models because they do NOT usually need to have a motor test. If you do want to run the motor, then the stand should be loved down with the others.

This new, "safer" design has eliminated the "bench seat" option and eliminated a tip over issue. But the stand still has more than enough room on the table for support equipment. I did look at a bigger design with more table space, but it would have required two more pieces of 2"x6" lumber. So, we checked, and this size design is big enough to handle Ken's full-size U-Can-DO plane. The stand also includes a safe spot to place your transmitter without hanging it by the handle next to the prop.

The stand is currently being "weathered" to allow the treated lumber to dry a bit. I hope that it will be painted later this fall or during the next Spring Clean-up Session.

Christmas Party – We'll have a Christmas party again this year. Need to get the reservation. Discussed last year's and how to involve spouses, etc.

5 FROM THE HANGAR

Alfredo with his foamy Extra 330 from RC Factory...

<https://www.rc-factory.eu/letadla/outdoor-series/extra-330-aerobatics>

He flies it so gently. I bet he dances well. 😊



6 ARE YOU GOING? EVENTS IN THE AREA FROM THE AMA

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

NOVEMBER17	
TURKEY FLY CLASS C Contact: PAUL STOTT Location: 76 Maple Avenue Durham CT 06422	
DECEMBER1	
CRRC AUCTION CLASS E - NON-FLYING Contact: DAVID SPIELMAN Location: 113 W Central St Natick MA 01760 Visit Website	

7 FLYING TIPS

7.1 LIGHTING IT UP – INPUT FROM JOHN PARISI

John Parisi is ready with his foamy. Bring on the nighttime! He's picked up Genesis Big Boy lights for \$89 from Twisted Hobby. It comes with 6 sets of lights. He placed one on the top and bottom of each wing tip, one pointed rearward and one forward. Nothing to solder. You can use a 2s or 3s battery but he preferred to tap into the flight battery by plugging into the battery port of the receiver.

He then uses an adaptor plug and a switch on the radio to turn them on and off as needed.

The lights are mounted vertically to the wing surface by poking into the foam and adding some Foam Tac.

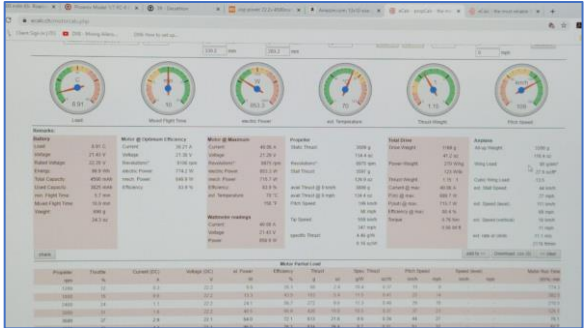
Here's a link: <https://twistedhobbys.com/led-big-boy-kit-35-48-models/>



7.2 THRUST COMPUTER – INPUT FROM NEIL CUMBIE AND RANDY GROSSMAN

When sizing a prop this calculator can come in handy:

<https://terra-azure.org/apps/thrusthp/imperial/>

Here, Neil compares a 15x8 2 blade prop...	<div> propeller Diameter <input type="text" value="15"/> Blade Pitch² <input type="text" value="8"/> Blade count <input type="text" value="2"/> Blade Type <input type="text" value="APC"/> RPM² <input type="text" value="0"/> Load <input type="text" value="405000"/> </div>
... to a 13.5x8 3 blade prop. Both producing about the same thrust.	<div> propeller Diameter <input type="text" value="13.5"/> Blade Pitch² <input type="text" value="8"/> Blade count <input type="text" value="3"/> Blade Type <input type="text" value="APC"/> RPM² <input type="text" value="0"/> Load <input type="text" value="398580.75"/> </div>
From Randy Grossman: Neil, I paid for a month of ecalc prop calculator and punched in specs on plane, esc, battery and prop and it confirmed a 13x8 prop will work with 6s 4500 35c battery. Application is at https://ecalc.ch/	

7.3 LOCKING THE PROP – USE A FLANGE NUT – BY JIM ORSBORN

Had a problem. Could not put locking nut on prop shaft because I could not stop motor from turning without using a set of slip pliers to hold it. The solution at O'Connor's Hardware was a 6 mm Flange nut with a Slip nut added to lock everything from slipping. Cost was \$1.02, and I don't think I need a spinner.



Please submit your tips to me at nelsuarez@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 GETTING BACK IN THE RC AIRPLANE SADDLE

It appears that a lot of folks get back to flying after their kids have grown up and moved out of the house and finds themselves, finally (!), with some time on their hands. OR, as is my case, they retire and can “make time” for their hobby, finally. In my case, it was drone fever that pulled me away from fixed wing flight.

I’m finally getting some decent flights out of my Pulse 15e. It flies fast, like my Aresti, but it’s got a power-to-weight greater than 1 so it behaves quite differently...much more responsive. Man, I am absolutely loving the ease of use of batteries vs. oily, stinky nitro engines with glow batteries and electric starters/battery to contend with. I do like the sound though.

8.2 GET YOUR DISCOUNT AT ABC HOBBIES!

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

8.3 FLEW TO WISCASSET WITH MY “NEW” IPAD MINI 4

It was soooo sweet to have all that data available to me, again! I fly a Piper Cherokee 180 from the Hawk Flying Club in Lawrence. Will provide a link to a blog article soon.



8.4 TREE RESCUE — WITH PAINTING POLES

Was flying a cheapo drone about a year ago and got it stuck in a neighbor’s tree about 40 feet up. Although inexpensive, I liked it and wanted to rescue it. But how? So, I went to Lowe’s, bought a few painting roller extensions and spliced them together, placed a roller pin on the end and voila! A drone rescue device.

Then, recently, a buddy told me about an RC airplane stuck in a tree. Went home, loaded my handy-dandy, telescopic, aircraft rescue pole and had the plane down in 10 minutes. Can you spot the plane in the tree?



My trusty rescue pole below. More on this guy next time.



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