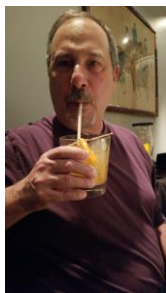




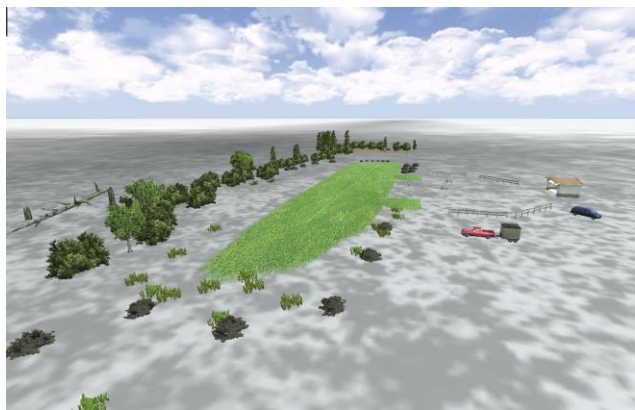
Volume 2020-02

# Middlesex County R-C Fliers Club Newsletter – February 2020



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

Upcoming Club Events:  
 Wed, 2/5, Club Meeting  
 Monday, 2/10, Indoor Flying at Mount Hope Christian Center



President	Neil Cumbie	<a href="mailto:neilcumbie@gmail.com">neilcumbie@gmail.com</a> 678.358.7006
Vice President	Paul Sullivan	<a href="mailto:psullivan2313@yahoo.com">psullivan2313@yahoo.com</a> 978.987.8301
Secretary/Registrar	Saket Sankhla	<a href="mailto:Saket.Sankhla@gmail.com">Saket.Sankhla@gmail.com</a> 978.495.6923
Treasurer	Jeffrey Ward	<a href="mailto:jeff@jeffward.biz">jeff@jeffward.biz</a> 978.987.1142
Director	Dan Costa	
Director	Randy Grossman	
Director	Dan Micalizzi	
Newsletter Editor	Mel Suarez	<a href="mailto:MelSuarez@verizon.net">MelSuarez@verizon.net</a> 617.335.9770

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## 2 FROM THE PREZ — NEIL CUMBIE



Wednesday, Feb 5, is the next monthly meeting and the first since being re-elected as President. Congrats to our current slate of officers and directors. I really enjoyed my first year and am looking forward to another great year at MCRCF.

Discussion topics at the meeting will include setting dates for various events like the Construction Derby, Family Day, Field Cleanup Day, Night Fly and FunFly. We'll also discuss the FAA's RemoteID proposal. What does it mean and how to make your voice heard through the comment period? Other items are: the new Flight Committee and By-laws. And the next indoor meeting will be Monday Feb 10 at Mount Hope Christian Center.

## 3 CLUB MEETING NOTES — JANUARY 8 — SAKET SANKHLA

Jan 8, 2020

Attendees: 20

1. Saket: Membership renewal, without late fee, is Feb 28<sup>th</sup>.
2. Saket: As of now 31 members have renewed.
3. Saket: I will look into the new membership form and card. Have plans to make it online fillable.
4. Jeff: Shared the financial report.
5. Neil: I will work on the Facebook to make it more visible.
6. Neil: Come for the indoor flying event. It is a great social event with lots of fun. Please make sure to be polite and mind your language.
7. Neil: I will put up a calendar of events for 2020.
8. **Raffle:** Butch [Balduf, actually, it was his wife, Dotty] won the raffle prize and gave the [smart battery and] battery checker to Tony as a gift.
9. There was election for secretary position and Saket won. [All other officers and directors were also reelected.]



## 4 CHRISTMAS PARTY









The Christmas Party was fun and you'll never guess who won the big raffle???



# 5 UPDATE ON MCRCF REAL FLIGHT ACTIVITIES

THE WHATSAPP GROUP “MCRCF REAL FLIGHT” is alive and kicking, albeit with only slight activity to date. Members, so far:

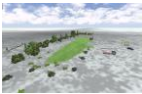
<div><div><div><div>You</div><div>Hey there! I am using WhatsApp.</div></div></div><div><div><div><div>Jeff Ward</div><div>Hey there! I am using WhatsApp.</div></div></div><div><div><div><div>Paul Sullivan</div><div>Hey there! I am using WhatsApp.</div></div></div><div><div><div><div>Dan de Sobral MCRCF</div><div>Available</div></div></div><div><div><div><div>Don Fitz</div><div>Hey there! I am using WhatsApp.</div></div></div><div><div><div><div>Rohan MCRCF</div><div>Available</div></div></div></div></div></div></div></div></div>	<p>If you wish to join, contact any of these members. They are all admins of this group.</p>
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Mel and Rohan did some warbird combat and Rohan has figured out how to launch rockets. Combat, games and non-fixed position stuff is important for learning flying techniques and “getting on the sticks” more often.

Here’s a short description.

**ENGAGING ROCKET FIRE** - From Rohan: “Go and edit your airplane. Under the physics tab there is a tree. Select main wing. You will have the rocket launch servo/trigger. Yesterday I managed to map both the gun machine and rocket on same switch.”

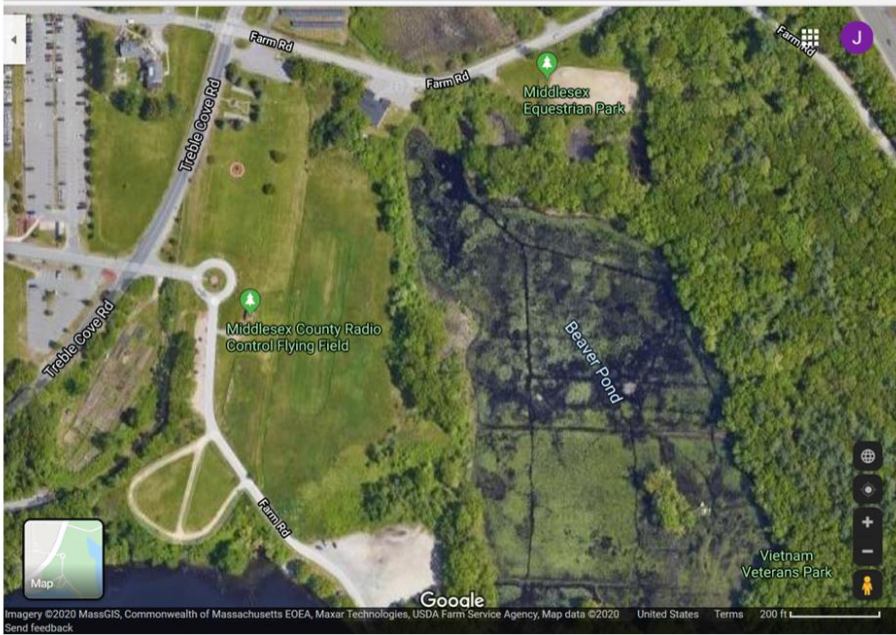
I’ve been practicing slow rolls, knife edge and some 3D. I’ve also been playing in hosted warbird combat games that happen regularly and are open to the public.

**MCRCF FLYING FIELD**  - Jim Orsborn has developed a 3D flying field for RF9. I was able to load it and it’s very cool. It includes many features besides the runway such as the gazebo, pilot fences, tree lines, and the windsock. But wait...there’s more...it even includes John Parisi’s trailer!

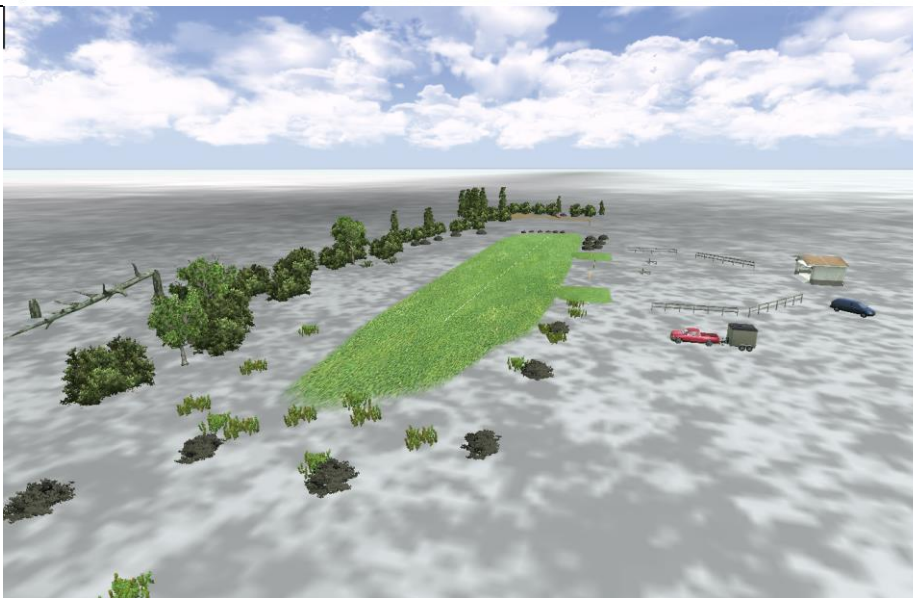
He has taken the time to make it as close as possible to the actual dimensions leveraging Google Maps.



# Google Earth View of MCRCF Field



Note that the runway is barely noticeable...to the right of the circle.



## Primary Features

- 75' wide by 300' long grass runway  
(Sorry it is flat, not sloped)
- Two taxiway access points
- Large tree directly across from pilot
- Centerline mark on the runway
- Tall Pine grove on Centerline to north
- Parking lot (w/ cars) on centerline to south
- Entrance gap on north side
- Two tall trees mark south end of runway
- Selected low shrubbery around ends of the runway
- Gazebo, fences
- John's trailer.

To install, contact Jim Orsborn to get the files (until such time as we get the files on the web). Then, on RF9, go to Simulation > Import > Real Flight Archive (RFX, G3X,...) and point to the file(s). He's got several files designed for instruction with student pilots. (eowynjim @ outlook.com)

## 6 FROM THE HANGAR



Mel Suarez – got his Timber (from the Christmas Party raffle) out for some quick flights in the snow at MCRCF.

The snow was very sticky and soft so, to take off, I had to sit on the elevator and power up quickly.

One time, when taxiing towards the runway, it just took off from the edge of the runway, perpendicular to it. So, I just flew. 😊

This plane will take some getting used to.



John Parisi: (A26) Never thought I would fit this all in and still be able to get canopy on...



John's A26 getting landing gear



## 7 INDOOR FLYING

Yaz invited "Jim Rieth from RA Cores and he said if the weather is good, he will be there... Guys who are just hesitant to come please come down to try it and represent the club. It will be worth it to check out his new airplane designs... He said he will bring one for me to try and give us some good deals on batteries, Foam Tac, props, kits, etc. as well as RTF airplanes. Guys a legend and traveling hobby shop. [Comes] from Sturbridge."

Website: <http://www.racores.com/>



WRAM Show 1998



## 8 ARE YOU GOING? AMA EVENTS IN OUR DISTRICT

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

Event Results: District 1, 2/1/20 – 4/30/20

EBRUARY9
<b>AUCTION</b> <b>CLASS E - NON-FLYING</b> <b>Contact: THOMAS DENTREMONT</b> <b>Location: 162 Winn St Burlington MA 01803-3116</b> <a href="#">Visit Website</a>
FEBRUARY9
<b>STEALTH SQUADRON FAC 49, 2ND WINTER INDOOR CONTEST</b> <b>CLASS A</b> <b>Contact: STEPHEN EVANS</b> <b>Location: 68 Elm Street Georgetown MA 01833</b> <a href="#">Visit Website</a>
MARCH22
<b>6TH ANNUAL R/C SWAP MEET</b> <b>CLASS E - NON-FLYING</b> <b>Contact: DENNIS KEEGAN</b> <b>Location: 1074 S Colony Rd Wallingford CT 06492-5261</b> <a href="#">Visit Website</a>
MARCH22
<b>STEALTH SQUADRON 3RD INDOOR MEET 2020</b> <b>CLASS A</b> <b>Contact: STEPHEN EVANS</b> <b>Location: 68 Elm Street Georgetown MA 01833</b> <a href="#">Visit Website</a>
APRIL5
<b>STEALTH SQUADRON 4TH INDOOR WINTER CONTEST</b> <b>CLASS A</b> <b>Contact:</b> <b>Location: 68 Elm Street Georgetown MA 01833</b> <a href="#">Visit Website</a>
APRIL19
<b>SPRING FLING INDOOR CONTEST</b> <b>CLASS AA</b> <b>Contact: JOHN KOPTONAK</b> <b>Location: 330 Hubbard St Glastonbury CT 06033</b>

## 9 FLYING TIPS

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### 9.1 TWIN ENGINES — STEPHEN FAUST & JIM ORSBORN

*(in response to a WhatsApp question from John Parisi and his A29)*

**From Stephen Faust:** “You can run two mixers tied to the throttle, one for each engine, and use the mixers as throttle curves for each engine.

Tune each engine individually for optimum and reliable operation.

First find the lowest reliable idle for each engine and make a notation of the highest of the two. Then find the highest RPM for each engine and make a note of the lowest. You now have the useable RPM range, highest idle and lowest max RPM.

Divide those RPMs into quarters to end up with highest idle, 1/4, 1/2, 3/4, and lowest max RPM.

Then set the first mixer and set the throttle curve match those RPMs at idle, 1/4, 1/2, 3/4, and full. Then do the same with the other engine. The RPMs of each engine should match at each of those throttle settings.

Make sure you are using the highest idle of both the engines as the idle setting, and the lowest max RPM of both engines as the full throttle setting.

Also make sure your throttle trim adjusts the idle on both mixers, as well as any other function, mix, throttle cut, failsafes, etc.

I would also make sure the trim won't go below the highest reliable idle either so you don't end up in the unreliable range for one of your engines.

That's all I have off the top of my head at the moment. Hope it helps."

**And from Jim Orsborn:**

"If anyone is interested, I wrote an excel file that follows Steve's guidance for setting up two throttle curves. The curve values are based on the max idle and min high throttle readings for the two engines. The user provides the input RPM values and excel gives you the target rpm values. It also provides an option for setting up a linear throttle curve or one with either pos or neg expo. Contact me if anyone is interested." (eowynjim @ outlook.com)

*Please submit your tips to me at [melsuarez@Verizon.net](mailto: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' 😊)*

## 10 FROM THE EDITOR – MEL SUAREZ

### 10.1 FLYING ON A FEATHER



### 10.2 TIMBER!!!!

Flying the 1.5m Timber (basic – not later versions) has been revealing. Firstly, electrics power-to-weight, as well as basic weight – or better yet, wing loading -- is SO different from earlier wood and monokote models! Wow!

The model came out of the box with simple, easy construction. About the only thing I had to change was the throw on the rudder. I'm still not getting enough and will continue to add.

#### 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

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