



Volume 2022-03-Q4

## Middlesex County R-C Fliers Club Newsletter – Winter 2022



Email: [info@mcr cf.org](mailto:info@mcr cf.org)

Web page: [www.mcr cf.org](http://www.mcr cf.org)

Newsletters: [www.mcr cf.org/misc.htm](http://www.mcr cf.org/misc.htm)

Facebook: <https://www.facebook.com/groups/MCR CF/>

YouTube: <https://www.youtube.com/user/MiddlesexRCFliers>


**Next MCR CF Monthly Meeting – 12/7/2022 – 7:30pm**



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## 2 MEETING NOTES – JUNE THRU OCTOBER,2022 – BY JERRY CROWLEY

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### 2.1 DATE: JUNE 01, 2022

Date: June 01, 2022 - NEW BUSINESS:

1. Need to establish dates for upcoming events, and any interest:
  - Family Day Cookout and flying. 7/17/22, rain Date 7/24/22

- Fun Fly proposed: 8/21/22, rain date: 8/28/22
- Yankee Doodle Day (man a booth only?, looks no-go due to location)
- Winter Flying (looks like it melted ) none
- Night Flying (Maybe some time in October) TBD
- Indoor Flying (Don Fitzreiter checking status with management)
- Construction Derby? Looks like not this year.
- Auction or Swap Meet? Check with Knickerbockers Club for September availability Ray, Jerry, Paul

2. Safety: It has been noted that some pilots are flying “FPV” without the aid of a spotter.

Under no circumstances should this activity occur. As specified in AMA rules, when flying using FPV, a spotter capable of taking over controls and fly the aircraft safely and land it must be used.

**From AMA: I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA’s Advanced Flight System programming.**

## 2. Operations, requirements, and limitations:

- AMA FPV novice pilots must first be capable of flying their FPV sUAS without utilizing FPV.
- AMA FPV novice pilots undergoing training with an experienced AMA FPV pilot should use a buddy-box system if practicing at a low altitude (below 100 feet) or practice at a safer, higher altitude when a buddy-box system is not an option.
- AMA FPV pilots should perform preflight inspections of their FPV sUAS video, electronic control, power, and mechanical systems before each flight.
- All FPV flights require an AMA FPV pilot to have an AMA FPV spotter next to him/her maintaining VLOS with the FPV sUAS throughout its flight.
- The AMA FPV pilot must brief the AMA FPV spotter on the FPV spotter’s duties, communications, and hand-over control procedures before FPV flight.
- The AMA FPV spotter must communicate with the AMA FPV pilot to ensure that the FPV sUAS remains within VLOS, warn the FPV pilot of approaching aircraft, and when avoidance procedures are necessary.
- During an FPV flight, the FPV spotter must be prepared to acquire the transmitter/control from the FPV pilot and assume VLOS control of the sUAS at any time safe operation of the flight is in question.
- If an FPV pilot experiences a safety issue that does not appear to be a brief glitch, he or she must abandon FPV mode and fly VLOS.
- FPV pilots must perform an RC test flight without FPV by conventional VLOS after installing a new FPV system and/or after any changes or repairs to essential flight systems.
- UAS exceeding 55 pounds cannot use an FPV system for FPV flying.
- FPV pilots may control the flight path of FPV sUAS with a standard gimbal RC transmitter or a smartphone, tablet, smartwatch, laptop, or proprietary controller with AP mission software using RF telemetry modules for the control link.
- sUAS must operate on frequencies approved by the FCC for wireless video, radio control, and ground station telemetry systems. Some systems, because of power output or Amateur Band frequencies, will require FCC licensing (see AMA document #580 & #590).

## 3.) Family Day Cookout and flying. 7/17/22 :

We need to plan for our family day cookout and flying.

- What to eat, (sausage, burgers, hotdogs, pep/onions, chips, pot salad, party-wings)
- Grill
- Plates, napkins, utensils, condiments’ etc. tomatoes, relish, mustard, ketchup

- Tables qty- 3
- Pop-ups qty- 3 or more
- Coolers, beverages, ice
- What else? Rolls, hot dogs, hamburgers, subrolls

3. Meeting adjourned 8:45 PM

## 2.2 DATE: JULY 13, 2022

### NEW BUSINESS:

2.) Family Day Cookout and flying. 7/17/22 :

We need to plan for our family day cookout and flying.

- What to eat, (sausage, burgers, hotdogs, pep/onions, chips, pot salad, party-wings
- Grill
- Plates, napkins, utensils, condiments' etc. tomatoes, relish, mustard, ketchup
- Tables qty- 3
- Pop-ups qty- 3 or more
- Coolers, beverages, ice
- What else? Rolls hotdog, hamburger , subrolls,
- Ray C, Dan M, and Jerry C. will setup for the Family Day Cookout on 7/17/22.

3. The August meeting will be at the field once again. Meeting will start at 6:30PM.

4. The recreation Department is hosting an event featuring games and food vans for July 30<sup>th</sup>.

They have requested if we could put on a Demonstration of sorts for the crowd.

So far Neil C. has volunteered to assist. We need more people to assist and plan.

## 2.3 DATE: SEPTEMBER 7, 2022

Attendance: \_18\_ members (includes 8 Zoom members)

Officers Present: Pres, VP, SEC, & TREAS

Directors Present: Dan Micalizzi, Randy Grossman

New Members: Present - 1

Treasurer Report: Jeff presented current financials, (\$9,578.03 ), last mtg: (\$ 9,363.33 )

Secretary Report: Read and accepted.

Membership: \_65\_ renewed/new membership

Last meeting notes review:

Raffle: 100.00 gift certificate won by Paul Sullivan.

### NEW BUSINESS:

2. Need to establish dates for upcoming events, and any interest:

- Fun Fly proposed: 10/09/22 rain date: 10/16/22 for new date
- Yankee Doodle Day (Man a booth only?, looks no-go due to location)
- Winter Flying (looks like it melted ) none
- Night Flying (Maybe some time in October) TBD

- Indoor Flying (Don Fitzreiter checking status with management)
- Construction Derby? Looks like not this year.
- Auction or Swap Meet? Check with Knickerbockers club for ????? availability Ray ,Jerry ,Paul.

## 2. Details for our October Fun-Fly;

- What events ? (TAXI/ROLL, LIMBO.CLIMB&GLIDE, COMBAT)
- Cookout? YES, HOTDOG, HAMBURGERS, CHICKEN WINGS, SAUSAGE, CORN COB, COLE SLAW, DRINKS
- Classes- beginner, sportsman
- Judges? NEED 3 + TIMER
- Prizes Awarded 1<sup>st</sup> place each class. \$50.00 ea.

## 3. Details for a Holiday Party:

Suggestions for a new venue? NEED SUGGESTIONS Fissile's Cucina?.

## 4. Interest in holding a Club Auction and when? Member suggestion was to look at spring/summer @ the field, maybe Auction or Flea Market.

## 5. The October meeting will be at Recreation building. Meeting will start at 7:30PM.

Show & Tell: Neil Cumbie showed off his Extra Extreme, Jeff Ward showed off his PT60

Raffle: Alfredo??? won \$100.00 gift certificate for ABC Hobbies.

## 6. Meeting adjourned 08:45 PM

## 2.4 DATE: OCTOBER 5, 2022

Attendance: \_14\_ members INCLUDES (5 ZOOM MEMBERS)

Officers Present: Pres, VP, SEC, TREASURER

Directors Present: Dan Micalizzi, Randy Grossman

New Members: Present - 1

Treasurer Report: Jeff presented current financials, (\$ 10,001.70 ) last mtg: \$ 9,578.03)

Secretary Report: Read and accepted.

Membership: \_65\_ renewed/new membership

Last meeting notes review:

Raffle: 100.00 gift certificate won by ?????.

Date: OCTOBER 05, 2022

## NEW BUSINESS:

### 3. Need to establish dates for upcoming events, and any interest:

- Family Day Cookout and flying. **7/17/22 Rain Date 7/24/22**
- Fun Fly proposed: 10/09/22, rain date: 10/16/22 for new date
- Yankee Doodle Day (Man a booth only?, looks no-go due to location)
- Winter Flying (looks like it melted ) none
- Night Flying (Maybe some time in October) TBD

- Indoor Flying (Don Fitzreiter checking status with management)
- Construction Derby? Looks like not this year.
- Auction or Swap Meet? Check with Knickerbockers club for ????? availability Ray ,Jerry ,Paul.

2. Details for a Holiday Party:

Suggestions for a new venue? Fusilli's Cucina in Reading

3. Interest in holding a Club Auction and when? Member suggestion was to look at spring/summer @ the field, maybe Auction or Flea Market.

4. The November 2nd meeting will be at Recreation building. Meeting will start at 7:30PM.

5. A Nominating Committee was established to present potential Officers and Directors for the following year 2023. The Committee is comprised of Chairman: Dan Micalizzi and assisting Dan is Bob Forgione.

Show & Tell: None

Raffle:

6. Meeting adjourned 09:15 PM



### 3 BOW & ARROW RESCUE? NOT EXACTLY – BY PAUL SULLIVAN

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It's a rare occurrence, but sometimes a plane gets stuck in a tree. Jerry [Crowley] had his arrow shooting rig in hand, and it worked great! He tied his 50-lb test fishing line onto an arrow, then placed the arrow into the tube. A piece of surgical tubing provides the power.

Once the line makes it over the branch, and comes to the ground, we tied a rope to the line, and pulled it over. With the rope over the branch, we shook the branch enough to make the plane come down.



## 4 FROM THE HANGAR



### 4.1 PAUL'S CITABRIA

This is a Citabria with a 91" wingspan. The manufacturer is unknown to me as it was an auction purchase. It originally had a 25cc SPE engine which, with Dan Micalizzi's help, ran perfectly. It would fly with the 25cc, but the plane clearly needed to swing a bigger prop. That engine is in the process of replacement with a 35cc Stinger engine which should be a big improvement. The recommended prop for the Stinger engine is a 19x8 vs a 16x8 for the SPE. This engine change should make a big difference in performance and in safety as it will help keep the plane away from things like trees.



### 4.2 YOUR PLANE'S PICTURE HERE →

...

Guys/gals, send me pictures of your flying vehicles to share with the club.

## 5 TIPS

(Readers, please think of sharing things that you've learned as you get deeper into this hobby. Thanks!)

### 5.1 HOBBY STORE

Paul Sullivan and Dan Micalizzi visited an amazing hobby shop in Sturbridge. Photo below (courtesy of Paul Sullivan). Here's Paul singing its praises *"Took a road trip to Hog Heaven hobby shop in Sturbridge today. It's about an hour ride, but I think it was worth it. There's a ton of stuff there especially if you're building something. After spending some money there, we stopped at Churchills for lunch which was good too...If you want to call, the number is: 508-347-9350."*

I stopped by there on 11/3 and met John Glennon. Very personable. Loves airplanes. Has plenty of them – dozens, some helis and I think I saw a few drones. BTW, Paul tells me that John was an A-10 pilot.

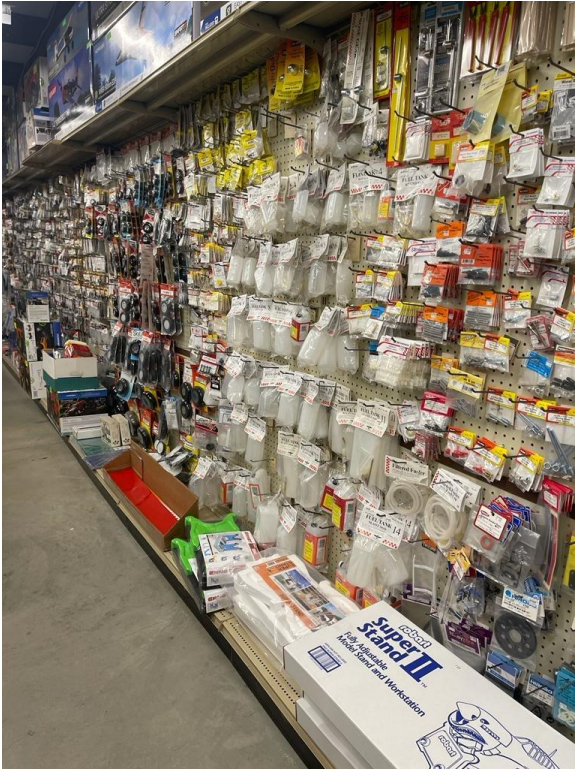
Contact info:

<http://www.hogheavenhobbies.com/>



494 MAIN STREET, FISKDALE, MA 01518

Telephone: (508) 347-9350 [info@hogheavenhobbies.com](mailto:info@hogheavenhobbies.com) Monday-Friday: 10-6, Saturday: 9-5, Sunday: 12-4



(courtesy of Paul Sullivan)



(courtesy of Hog Heaven Hobbies)



John Glennon (courtesy of Mel Suarez)

## 6 THE EDITOR ON THE LOOSE! – BY MEL SUAREZ

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### 6.1 NITRO HELI FAIL!

I was in Tasmania visiting our daughter when I heard that the next-door neighbor had an RC helicopter. Turns out it was a little 15-size nitro heli called a Walkera HM-83#. See picture below. After purchasing a receiver battery (and charger), and reviewing the servo movements, I discovered that the blade pitch was backwards.

After many hours of reading, consulting with HeliFreak.com, and looking at the manual, I realized the blades were installed backwards.

Now, it was time to give it a go. Charged everything up - the starter mechanism, the glow plug battery, and the receiver battery. Got the engine started! Yay! But for only 5 seconds. Turns out, the starter mechanism's wand – a 6" wand that goes into a one-way bearing – got fused into the bearing. Ouch! WTH! Had to leave the next day for the States. Oh well. I tried. Wrote a bunch of notes and gave it back to Dave. Hopefully he will find another heli guy to give him a hand.

Was impressed with how complex the head was. Not something I would want to maintain...compared to the flybarless setups of today.



P.S. In case you see me at the field. Please say hello and give me material. LOL →

## 7 RANDOM STUFF



### 7.1 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

### 7.2 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.

### 7.3 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
Jerry Crowley	978.857.1408
Tony DiPersio	978.430.2800
Jeff Ward	978.987.1142
John (Yaz) Yassemedis	603.321.8442
Stephen Faust – incl helis & FPV drones	978.925.9810
Neil Cumbie – 3D and XA	678.358.7006
Jose Mendes - drones	978.227.7124
Jim Orsborn (Horizon Hobby Coach)	<a href="https://www.horizonhobby.com/flight-school-find-a-coach.html">https://www.horizonhobby.com/flight-school-find-a-coach.html</a>

### 7.4 MCRCF.ORG MEMBERS ONLY PAGE

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



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

### 7.5 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>

### 7.6 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>

### 7.7 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

### 7.8 PLANE RETRIEVAL

Several members have camera drones and can help with a search & rescue efforts. Call anyone on page 1 of this newsletter.

### 7.9 CLUB SAFE LOANER TRAINER 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)

## SOLOED RECENTLY

Name	Date soloed	Instructor

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