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Want to see more here?

Send your newsletter contributions to  
[carlyldick@hotmail.com](mailto:carlyldick@hotmail.com).

NVRC is one of the largest radio control clubs in Virginia with over 200 members. Our primary flying field is located at Poplar Ford Park. Our new Lorton flying site is open on weekends. The club includes pilots in all areas of radio-controlled flight: Sport, Giant Scale, Electric, Sailplane, Aerobatics, Combat, and MultiRotor. NVRC has members with decades of expertise to share in many types of flying and building. Whether you're a beginner or someone looking for advanced techniques there are volunteer instructors to provide assistance. Don't be timid! Just ask for help!

In existence for over 50 years, NVRC is proud to be a club where everyone is welcome!

### Officers and Contacts

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**Past President**, Mark Franke, [mfranke@cox.com](mailto:mfranke@cox.com)



# President's Report:

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By Jon Pruett

Hello fellow modelers and RC flight addicts!

Welcome to another great year for NVRC! We have several new and expanded flying events planned, and lots of opportunities to get more involved and connected to friends through this hobby.

The Winter Fun fly was a blast! The weather was perfect and 16 NVRC pilots and 4 spectators came out to have fun. Everything was in the air from T-28's to a flying Christmas tree! Check out the article below, and many thanks to Harold Chadsey for organizing the event.

Thanks to the great level of feedback from the membership to the events survey in December, we have come up with a full and exciting calendar of events for the year - and that's only possible thanks to the great number of new volunteers who are bringing their passion to these ideas. We'll cover several of those event items in this newsletter, and have also updated the <http://www.1nvrc.com> website with information on all of these opportunities throughout the year.

A quick introduction for those who haven't met me. I'm a three year member of NVRC, but 35 year flying model builder who is excited by almost every aspect of this hobby. I enjoy everything from free flight, control line, wet fuel, electrics, multi-rotors, foam board, hot wire, scratch designing, kit building, custom electronics and lots of balsa builds. So come talk to me about your passion in the hobby - I'm interested!

I want to close this section by thanking all of the volunteers who keep this club active and fun. It's great to be able to enjoy events like Fun Flies, Tiny Whoop Racing, and indoor flying. That is all possible because of our friends and fellow club members like Harold Chadsey, Eric Gever, Don Sczur, Joe Franco, and many more. So thank them, and join them too! Together we make this club the friendliest and most fun in NOVA!

- Jon Pruett



## VP's Report: NVRC is as Friendly as its Members

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By John Roach

NVRC has a well-deserved reputation as one of the friendliest RC clubs in Virginia. However, it seems that there have been times when new ways to fly have caused friction that could tarnish this reputation. For example, RC helicopters hovering over the runway hindered fixed wing flying until:

- Hovering over the runway was restricted to 30 seconds.
- A testing and trimming area was created east of the spectator area.
- The eastern-most pilot station was assigned to helicopter pilots flying in the traffic pattern.

But what if you do not want to fly in the pattern? 3D flyers practicing over the runway prompted complaints from sport flyers who wanted to use the runway.

Things got better when pilots switched from ***talking about one another*** to ***talking to each other***. It was people talking to people that made the difference and proved that like so many other organizations, NVRC is really about people who like to fly interacting with people who also like to fly. We all love to fly. It is the common thread that holds NVRC together. Seeing your friends, discussing and flying your latest projects, walking thru the woods in search of an errant aircraft, or enjoying a good day at the field without having to look for lost aircraft, are the reasons we belong to NVRC.

Multi-rotor aircraft and FPV are two more ways to enjoy flying RC. They are bringing a lot of new people into the club. They can make a cold winter weekend as busy as the best spring day. What will a fine spring day bring? If we approach this influx of new faces as members of the friendliest RC club in Virginia, we will make our club just that, because a club is only as good as its members. Please greet new faces in the same way that you greet old friends. In that way, we will all make new friends and new NVRC members.



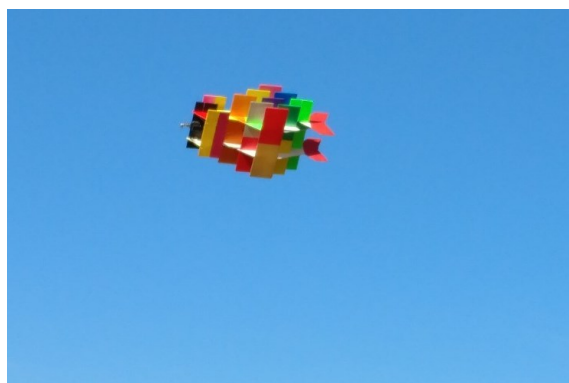


## 2018 NVRC Annual Snow-Fly Recap

By Harold Chadsey

The annual NVRC Snow Fly was held on 20 January 2018. Unlike some past years when it was blowing so much some planes could not take-off, it was so cold that glow engines would not start and electric motor's batteries would not last the one short flight, or it was snowing so much that planes took off with clean wings and landed with a half inch of snow coating; this year the day began at freezing and by the end of the competition, it was 50 degrees F with almost no wind! A beautiful day for getting out of the house to fly.

We had 16 registered flyers and only one casualty. You are not supposed to try to squeeze out a last spin within 30 feet of the ground and expect to not have a recovery problem. All went away with something and fun was had by all. Next year's NVRC annual Snow Fly is tentatively scheduled for 19 January 2019. It will again be open to all qualified pilots of NVRC's field and anyone will have a equal chance to win. It will all come to skill and speed as it did this year. The winner was one fifth the time of the longest flight. Below is a photo of some of the participants.



*2018 Snow Fly participants keeping warm and having fun!*



## MultiGP Standings:

Only top 25 shown. For the latest FULL standings [CLICK HERE!](#)

Rank	Pilot	Country	Total Races	Score
1	<a href="#">Rathbourne</a>	United States	26	400
2	<a href="#">SegFPV</a>	United States	26	278
3	<a href="#">Tex</a>	United States	15	265
4	<a href="#">JBeloncik</a>	United States	20	225
5	<a href="#">FIG-FPV</a>	United States	21	201
6	<a href="#">DexFPV</a>	Honduras	13	175
7	<a href="#">FRESHNESS</a>	United States	14	169
8	<a href="#">Huppo</a>	United States	27	158
9	<a href="#">FPVNate</a>		9	157
10	<a href="#">KryptonFPV</a>	United States	12	139
11	<a href="#">Billster</a>	United States	10	128
12	<a href="#">Seth_FPV</a>	United States	9	119
13	<a href="#">ChrisD</a>	United States	15	96
14	<a href="#">Skipper</a>	United States	15	94
15	<a href="#">rombot</a>	United States	5	81
16	<a href="#">JakeT</a>	United States	6	80
17	<a href="#">pyrofly</a>	United States	10	74
18	<a href="#">Wombat52</a>	United States	7	72
19	<a href="#">Brent</a>	United States	8	68
20	<a href="#">StealthFPV</a>	United States	14	66
21	<a href="#">chump</a>	United States	15	65
22	<a href="#">coling73</a>		7	65
23	<a href="#">Sturg</a>	United States	6	62
24	<a href="#">Santa</a>	United States	9	55
25	<a href="#">Christoph_FPV</a>	United States	9	52



# January Meeting Minutes:

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Provided by John Roach and Carl Hampton

**Visitors and new members** – Teenagers John and Jack introduced themselves as drone racers. Mike D introduced himself and his son, Michael, who received his first RC plane for Christmas.

**Jonathan Pruett** introduced the NVRC 2018 officers and announced that **John Haitsuka** was joining the flight training and pilot qualification team. Jon mentioned that NVRC was looking for a new safety officer to replace **Pat Dunlap**, who will be moving out of the area this year.

**Paul Lukas** announced that he was looking for someone with a hot wire cutter to cut wafer thin Styrofoam sheets. It was mentioned that **Don Szczur** may have an appropriate hotwire setup but Paul is still looking for a volunteer to cut the sheets.

**VP Report:** Defective fire extinguishers have been replaced. In case of fire, feel free to extinguish the fire with a club extinguisher. It was noted that those attending the Lorton field need to sign in at the gate, and also in the logbook at the shed, especially if members are going to be doing work at Lorton. Work at the Lorton field counts toward our service time required by the County.

**Treasurer Report:** **Bob Freas** reported that the income forecast for 2017 was \$18,000 but actual income was only \$14,900. This shortfall was OK because we only spent \$12,600 leaving a surplus of \$2240 income over expenses. Using 2017 actual income suggests 2018 revenues of \$15625 from dues and initiation fees. A single auction is scheduled but it is not expected to be a significant source of revenue. Budgeted 2018 expenses are \$11,800 with an increase in the number of planned events. Membership numbers are fairly close to normal for this time of year. Required signage and wooden safety fences will be installed at Lorton. The solar array batteries will be replaced at Poplar Ford. NVRC will pay FCPA \$2500 on 31 January for tractor path improvements [the gravel path into Poplar Ford and the field parking lot].



## January Meeting Minutes: (Continued)

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Provided by John Roach and Carl Hampton

**Treasurer Report: (Continued)** It was suggested we should have a giant scale fly in at Lorton field, and the budget for it should be in the range of approximately \$300; a question was raised as to whether gift cards would be suitable for prizes for this event. The open house at Lorton was suggested to occur in early May and that following that event it would perhaps be appropriate to have some giant scale fun flies at the Lorton field. The holiday party fee was recommended to go up to \$20 ahead. **Bob Freas** will check on the "Marston grant" application and apply any funds that are obtained from that grant towards the solar charging station costs. **Gary Quinn** will run the Leesburg show this year and **Bill Hewitt** will run the Toys for Tots fly in. **Tony Claridge** needs help with the training of new flyers. The budget is based on 180 members with 30 Lorton members. We presently have 101 members and 6 or 7 Lorton members. This is consistent with past years in which membership increases as flying season approaches. **Mark Franke** will pursue a Massey Grant from the county. **John Roach** will apply for an AMA TAG grant.

A jocular note -- there is a private airport in Maryland for sale for approximately \$4.8 million, which would work out to be \$24,000 for each member!

### RC & Club News

The Passing of **Charles R. Detwiler** on 2 January 2018 was announced. Lawyers handling the estate contacted NVRC. **Bob Burnett** volunteered to contact the law firm on the assumption that the estate was seeking assistance with the disposal of Mr. Detwiler's RC equipment. Club member **Bud Fakory** also passed recently.

**Kwang Ko** will describe the new features found in the Android-based Spectrum IX-12 at the February NVRC meeting.



# January Meeting Minutes: (Continued)

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Provided by John Roach and Carl Hampton

## RC & Club News (Continued)

FAA registration is back. We have to register if we fly RC models between 255 grams and 55 pounds. These aircraft must be marked with owner contact information and owner AMA number. If we registered previously the old number will still be acceptable. The number must be placed on the aircraft in some location that is accessible without tools. See FAA Website for more information.

The DJI pilot whose Phantom 4 damaged a Blackhawk in September 2017 did not read the TFR in force and flew FPV 2.7 miles beyond LOS. Please follow all laws when you fly. Details of the collision were reported by Nate Anderson: <https://arstechnica.com/tech-policy/...dent-in-rotor/>

Hobbico has filed for Chapter 11 bankruptcy. They are the sole Futaba importer and own Great Planes and Tower Hobby. The digital assets of Hobby Express are up for auction on 29 January. Its owners are retiring.

## NVRC Events

An extensive discussion of events occurred in which the 37 responses to an events survey were used to draw a tentative schedule that was then vetted by the membership at the meeting. The event calendar was adjusted and then posted on <http://www.1nvrc.com> after the meeting.

Blanket Swaps behind the pit line on first Saturdays of APR thru SEPT were announced as a way to freshen up our hangers. Swap items marked with price are placed on blankets. A member questioned whether the county had cleared the idea. After discussion, Blanket Swaps were limited to exchanges between members and limited to racing events.





# January Meeting Minutes: (Continued)

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Provided by John Roach and Carl Hampton

## NVRC Events (Continued)

Pylon Events were split up into alternate heats of T-28 and OPEN CLASS aircraft with 3S 2200 MAH battery as the only limit in OPEN CLASS. OPEN CLASS aircraft may include FPV, hand launch or rail start aircraft.

Streamer Combat informal practice sessions using pusher prop aircraft were discussed. Aircraft being flown need to use a 3S 2200 mA hour battery, and no tractor props on aircraft would be acceptable -- only pusher prop aircraft can be employed. **Pat Dunlap** pointed out that the AMA has safety rules on combat field setup that we should use. More than 4 aircraft **will** be permitted in the air at once during Streamer Combat events, not informal skirmishes.

Suggested dates in the Events Calendar were discussed with some changes prior to posting the calendar on our updated website, <http://www.1nvrc.com>

A fall auction tentative date was set for Sunday, October 21.

Events within the next month include: Multi-GP practice 27 JAN, Westfield indoor flying 28 JAN, Tiny Whoop racing 31 JAN, West Potomac Indoor flying 4 FEB, Multi-GP racing 11 FEB, NVRC meeting 19 FEB, and AMA EXPO East 23-25 FEB.

Website updates have been cleaned up now & includes descriptions of what happens at each of the events. Many thanks to **Jon Pruett** for the 20 hours he expended updating our website.

**NVRC Foam Board Build – Rob Winterrowd** is organizing a Flite Test / Dollar Store foam board build at Monster Mini Golf on 28 FEB. Basic kits cost \$20, with power pack, \$60. Email [autm.trl@gmail.com](mailto:autm.trl@gmail.com) or check the NVRC website for more info.



# January Meeting Minutes: (Continued)

Provided by John Roach and Carl Hampton

## NVRC Events (Continued)

**Telemaster Build-a-long**...any size welcome – kit bashing encouraged! The idea is to build a kit as a sort of meditative thing for those who enjoy building. This build along will continue over the course of several months, and the construction will occur at our individual homes. Those involved may bring in to future club meetings to share air-frames in progress, modification, and problem discussions. Email [jona-than.pruett@gmail.com](mailto:jona-than.pruett@gmail.com) to join the build group mailing list or check the NVRC website for more info.

## Show-N-Tell

**Roger Barker** showed a rather large and well equipped F-16.



**Jim Coleman** shared his telemetry-equipped motor glider equipped with a Spectrum TM-1000 rigged to report flight pack voltage, air temperature and a variometer to report rate of climb or descent. His DX-9 was programmed to audibly report these data.

## January Meeting Minutes: (Continued)

Provided by John Roach and Carl Hampton

### Show-N-Tell (Continued)

**Pat Dunlap** displayed his UMX A-10 powered by a 2 cell 800MAH battery and reported that it flies great.



**Jon Pruett** showed his completed Stevens Aeromodel Pacemaker. Since it is covered in Solite, which has a tendency to stick to itself, he described how he would peel the protective backing off the covering, dust it with talcum powder so it would not stick to itself, and then iron it on without difficulty.



## Upcoming Events:

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See the Events Calendar at [www.1NVRC.com](http://www.1NVRC.com) for more details!

February 11th	<a href="#"><u>MultiGP Race Day</u></a>
February 15th	<a href="#"><u>Monthly Meeting</u></a>
February 21st	<a href="#"><u>Tiny Whoop Racing</u></a>
February 24th	<a href="#"><u>MultiGP Practice</u></a>
February 28th	<a href="#"><u>Combat Wing Build Night</u></a> & <a href="#"><u>Tiny Whoop Racing</u></a>
March 4th	<a href="#"><u>Indoor Flying at National Building Museum</u></a>
March 11th	<a href="#"><u>MultiGP Race Day</u></a>
March 15th	<a href="#"><u>Monthly Meeting</u></a>
March 31th	<a href="#"><u>MultiGP Practice</u></a>
April 7th	<a href="#"><u>Streamer Combat Skirmish</u></a> & <a href="#"><u>Blanket Swap Meet</u></a>
April 8th	<a href="#"><u>MultiGP Race Day</u></a>
April 19th	<a href="#"><u>Monthly Meeting</u></a>
April 21st	<a href="#"><u>Streamer Combat Event</u></a>
April 28th	<a href="#"><u>MultiGP Practice</u></a>
May 5th	<a href="#"><u>Streamer Combat Skirmish</u></a> & <a href="#"><u>Blanket Swap Meet</u></a>
May 12th	<a href="#"><u>Spring Fun Fly</u></a>
May 17th	<a href="#"><u>Display/Build Contest</u></a> & <a href="#"><u>Monthly Meeting</u></a>
May 20th	<a href="#"><u>Poplar Ford Open House</u></a>
May 26th	<a href="#"><u>MultiGP Practice</u></a>
May 27th	<a href="#"><u>Lorton Open House</u></a>



## Editor's Corner:

By Carl Lydick

I promise I haven't given up on RC! As usual life (mostly work) gets in the way, but I still have plans to enjoy the hobby in 2018. Winter build time has been sparse, but with what I've had I wrapped up the Robart conversion on my Parkflyer Plastics P-40. I had tried to save money with Hobbyking rotating retracts, but the failure rate on those units finally convinced me to spring for the Robarts. She is all buttoned up and waiting for blue skies to try out her new legs.



*Make it fit. The Robart is MUCH bigger*

I've also decided its time to retire my OLD F-18 pusher jet that always joins me at the field. She's been a regular flyer for 8 years and the tape and glue is barely holding the brittle foam together. The power system is still going strong and I want to keep an everyday pusher-jet in my hanger so I did a transplant into a 70mm Freewing F-16. I picked up the version without the EDF, pulled the retracts, reinforced the belly, built a solid motor mount, and got her balanced around a 4s 4000. With the same power setup she is smaller, lighter, and slicker than her predecessor so I'm expecting solid performance. The downside is I haven't figured out how to keep the distinct F-16 belly fins without trashing them on every landing. I'm going to get her flying first and then see what I can come up with.



*Prepping for maiden in 2010*



*F-16 Pusher conversion complete!*

I'm looking forward to seeing and flying with everyone again this year! As always if you have something you'd like to share with the club via the newsletter please send it my way. You can email me at [carllydick@hotmail.com](mailto:carllydick@hotmail.com). See you all soon!