



NVRC Members teach kids to fly at the annual Air & Scare event at Udvar Hazy

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Send your newsletter contributions to
carllydick@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 and we expect to have a new Lorton site in 2016. 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

President, Mark Franke, mfranke@cox.net

Vice President, John Roach, jagroach@verizon.com

Secretary, Terry Terrenoire, amad2terry@juno.com

Treasurer, Bob Freas, freasman@gmail.com

Safety Officer, Pat Dunlap, pdunlap@cox.net

Chief Flight Instructor, Tony Claridge, tclaridge1@aol.com

Newsletter Editor, Carl Lydick, carllydick@hotmail.com



President's Report:

By Mark Franke

Folks,

It's been a great year for the club. We have expanded our reach with new events with MultiGP and a new indoor event.

Please also don't forget our Toys for Tots on Saturday Nov 5th.
See Pat Dunlap's announcement.

Our first indoor fly-in Nov 19 sponsored by Don S. With hopefully more to come.

Our next meeting is November 10th which is the second Thursday and not the third Thursday this month.

We will have Kwan from Hobby Hangar talking about RC Jets as a guest speaker.

The Chantilly robotics team will also be demonstrating their robot briefly.

Please bring your latest project or gadget for showing and tell

Elections are also this month.

Thanks for all who have volunteered to help lead the club.

Our annual holiday party will be again at the fire hall December 3. Appetizers begin at 5 PM. Dinner at 6pm. After dinner there will be by a lively New England gift exchange hosted by Bob Burnett.

Bring a \$20 value gift wrapped to participate in the gift exchange.

Dinner cost is \$20 per person.

This is a family event that has been a great success in the past. Please join us and spread some holiday cheer.

Our club is clearly a year round organization. We are fortunate to have a great place to fly and volunteers to host our various events.

I look forward to seeing you at the November meeting and our holiday party

Mark Franke

mfranke@cox.net



Toys For Tots:



Come one, Come all! Pilots and spectators welcome.

- Please help those kids in need this holiday season.
- We need your support. You can help!

NVRC presents the ANNUAL Toys for Tots FUN FLY at Poplar Ford

When: Saturday; November 5, 2016

Time: 10 AM to 12 noon

Where: Poplar Ford Park NVRC Club Field (directions @1nvrc.org; 38.835006, -77.505792)

The entry fee for all (pilots and spectators (1 per family)) is one un-wrapped toy valued at \$10 minimum. This is a sanctioned AMA event; Pilots will need an AMA card or NVRC membership card to register.

Please help those kids in need this holiday season. We need your support. You can help.

The RC Contest will be for **Fixed Wing Aircraft** and consist of 4 events (weather permitting).

- 30 Second Timed flight; closest time to 30 Seconds wins.
- Spot Landing; shortest distance to spot wins.
- 5 Loops, 5 Rolls; shortest time wins.
- Limbo or Bomb drop

Prizes will be minimal (HH Gift Cards for 1st, 2nd, 3rd places); (It's about helping the kids!)

Beginners to Experts are welcome (serious competitors may be disappointed!)

The toy collection will be held "rain or shine".

The event is for the MARINE's annual "Toys for Tots" holiday event. Flying is optional; however, weather permitting, there will be flying and a contest.

ENTRY FEE:

Pilots – 1 \$10 unwrapped toy

Spectators – 1 \$10 unwrapped toy (per family)



AMA/NVRC Contest Director:

Pat Dunlap

Phone: 703-815-9004



Indoor Pattern Contest: November 19th

Indoor Fly-In

Where? South Run Rec Center Field House

When? November 19th from 8-10 PM

Who? All are invited- Open Flying for All

How Much? \$10 (includes snacks)



With the large available flying space, we will also be hosting an indoor pattern competition in conjunction with the open fly-in. Come watch the U.S. F3P team compete with their aerobatic routines, and bring a plane to try it out! Indoor pattern competition entry fee: \$20. Awards will be presented to the winners of the F3P international class, Intermediate and Advanced classes. Sequences at <http://xavier.mouraux.com/indoor/sequences.html> we also plan to have a "club class" for Sportsman which is centered around a UMX Extra, Yak or similar.

Sponsor: Northern Virginia RC (NVRC)



Address/Map: 7550 Reservation Drive, Springfield, Virginia. Right off of Fairfax County Parkway (approximately 20 minutes from Hobby Hangar)

Contact: Don Szczur dszczur@verizon.net (703) 378-0126



Auction Update:



Thank you to everyone who came out to the 2016 Fall Auction! The volunteers and kids from West Potomac High School did a fantastic job and everyone who came out had a great time.

There were a LOT of great deals to be had!

This event netted NVRC \$745 in profit, but as word spreads about the new location we hope to see this number improve at future auctions.





MultiGP and NVRC

By Matt Hale

On the chilly Saturday morning October 29th with a fresh layer of frost at Poplar Ford, the [NVRC MultiGP chapter](#) assembled for our monthly practice session. Phil, Tung, Chris, and Matt braved the 39F temperature at the field to get in some gate flying time to prepare for our next race on November 13th. Phil setup one of the MultiGP gates in the middle of the field and Chris brought his tent pole bendable gate which was also setup.

After a couple runs with temperatures still low and any crashes resulting in frost getting lodged into places it shouldn't in our quads we took a little break to let things warm up. Phil fired up a portable stove and fried up some spam for some breakfast spam sandwiches. Once the sun started melting the field off a bit it was time to get some more quad action going on. It's amazing what a little bit of practice can do as crashes were happening quite less frequently. We did have one lost quad situation in the south meadow, but luckily the beeper was still functioning and was located hanging in some tall grass approximately half way between the end of the field and the tree line.

All in all we had a great practice session and are looking forward to the next race!



Early morning racing requires a hearty breakfast



MultiGP Practice Session on 10/29



Spot the race quad in the tall grass

MULTI GP



Upcoming MultiGP Schedule

MultiGP racing is taking off at NVRC! For the Winter 2016-17 season our MultiGP chapter will have 2 scheduled events each month. The last Saturday of each month is a MultiGP Practice session running from 7:30AM—10:00AM. These sessions are open to NVRC members who want to hone their FPV skills. On the second Sunday of each month its RACE DAY! Race day setup starts at 7:30 AM and racing starts at 8:30. These events are open to any AMA member. Landing fee is \$10 for non-members and \$5 for NVRC members. The races will run until 11:45 AM and the field will reopen for normal use at noon.

Check the [NVRC Calendar](#) for the latest dates and times and get out there and RACE!

- November 13: Race Day
- November 26: Practice
- December 11: Race Day
- December 31: Practice
- January 8: Race Day
- January 28: Practice
- February 12: Race Day
- February 25: Practice
- March 12: Race Day
- March 25: Practice



September 18th Practice Session



September 18th Practice Session



[See video from the Oct. 2 RACE DAY!](#)

MULTI GP



Air & Scare: Halloween at Udvar Hazy

By Carl Lydick, Pictures by Terry Terrenoire

On Saturday, October 22, NVRC participated in the annual Air & Scare event at the Udvar Hazy center. This event is always well attended and a TON of fun. We joined masses of Star Wars characters, Ghostbusters, and many others to celebrate Halloween and to share our hobby with the costumed guests. We had a large display covering everything from multi-rotors to large scale RC, had our trusty minion riling up kids, and ran a Realflight simulator so visitors could get a taste of RC for themselves. Thanks to the members who came out to help with the event! See more pictures from the event on the [NVRC Forum!](#)





October Meeting Minutes:

By Terry Terrenoire, NVRC Secretary

- Called to order at 7:33 by Carl
- There were 25 members present, 2 guests, Brian and David
- Bob Burnett announced that the auction netted \$745 profit. About ½ of what we had budgeted for.
- It was announced that this past weekend we had 2 FAA “visitors”. One on Saturday and another on Sunday. They were both friendly and observed our operation, Members present showed them around and freely answered questions. There was no request for pilots to show FAA registration documents. Since we are inside the 30 mile “restricted” zone it is highly recommended that you properly label you planes.
- Today (10/20) we had 2 Fairfax County Sheriffs officers visit the field.
- Next year’s slate of officers was presented:
 - President: Mark Franke
 - VP: John Roach
 - Secretary: Terry Terrenoire
 - Member(s) at Large: Bob Burnett, Paul Lucas
 - Elections will take place at the next meeting.
- Meeting note: The next meeting will be a week early. November 10th.
- **Lorton Update:** In Bob’s absence Carl announced that Bob had encountered even more obstacles but was continuing to jump thru the hoops as they are presented.
- **Poplar Ford Update:** John Roach showed some pictures of the old signage at the field along with some pictures of the partially updated signage. A work in progress. John also showed pictures of the new shed being delivered and put in place. The County now wants commercial drawings of the “approved” shelter.
- We were reminded of the upcoming “Air and Scare” this Saturday at the Museum. Gary is organizing this event for us. Meet up at Hobby Hangar at 9:00.



October Meeting Minutes:

By Terry Terrenoire, NVRC Secretary

- We discussed the annual “Toys for Tots” fun fly to be held at club field on November 5th from 10 to noon. Pilots and spectators are asked to bring a child’s present, unwrapped, with a value of \$10.00, or more.
- Annual Christmas party and gift exchange will be Saturday, 12/3. \$20 per person and \$20 gift if you want to participate in exchange.

Show and Tell

Bob Burnett showed a “Taperwing” racer he built in 1986. Recently converted to electric using a 480 motor turning 33,000RPM.



Don Szczur had 2 projects. He is building a “Slow Boat” made from foamboard available from Wal-Mart. Plans are available on line.



Don’s second project was a 23 gram indoor pattern plane. The airframe is mostly 1/32 inch balsa, reinforced with Boron fiber and covered with 2 mm Mylar.



October Meeting Minutes:

By Terry Terrenoire, NVRC Secretary



Matthew Hale Showed his racing quadcopter with full video and FPV equipment.

- Brian asked to speak and stressed the need for anyone flying at the field to acknowledge the declaration of another pilot to take off, or land. That way the pilot making the announcement will know everyone is aware of his intentions.
- The meeting was adjourned at 8:33

Respectfully submitted:

Terry Terrenoire
Secretary, NVRC



Editors Corner:

By Carl Lydick

Earlier this year I had a setback with the largest scratch build project I've attempted. On her maiden flight my 96" span P-40 found her way into the fence. A post-mortem of the aborted takeoff run revealed several contributing factors. Insufficient rudder authority when the tailwheel lifted, that she started to lift just as I decided to abort the run and tip stalled when I reduced power, and a strut that may have had some play in it and twisted when the full weight came down on the left side. In any case she broke hard to the left and went straight into the fence, ripping the airframe into several pieces. Video of the incident can be seen [HERE](#) and [HERE](#).



Before the ill fated maiden

I know we tempt fate when we finish a plane before flying, but when this build started I planned to maiden at Lorton. With Lorton always on the horizon I allowed myself to keep adding details until I was left with a finished plane. Eventually I decided to maiden her at Poplar... As a foamy her wing loading is VERY light and I expect once dialed in she should do just fine there.



And after...

The damage looked really bad. The fuselage broke into three pieces and there was a large chunk taken out of the wing. I put her aside for a few months to let my frustration subside and when I pulled her back out she looked fixable. Someone recently shared a quote with me that he attributed to the designer of this P-40, [Keith Sparks](#). I like the quote so much I plan to steal it for myself. When asked why he was smiling after a bad crash Keith said *"When I started building this it was about 300 pieces. Now it's just nine."* While it is tough to keep a positive mindset in the moments after a crash I'm going to try to remember that if you can build it, you can fix it!

Share your building (and repairing) stories with the club by emailing me at carllydick@hotmail.com!



Fuselage repairs underway



Re-balancing

If you have something you'd like included in the NVRC newsletter please send it to carllydick@hotmail.com