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[Want to see more here?](#)

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!

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President's Report:

By Mark Franke

Folks,

flying season is upon us. With Poplar Ford looking pristine and Lorton coming online it looks like a great beginning of 2017.

John Roach and Harold Chadsey were out at Lorton today cutting grass and helping us get the field ready to come online. We now await final inspection by the county



Harold at work mowing the Lorton Field!

The Lorton/Burnett field has a few ruts that will need to be filled, the field will also need to be rolled and fertilized. I expect

sometime in the next few weeks we will announce a work party to place fencing and build safety stands. Shortly thereafter we shall have a shed and mower at the site. Lorton really looks wonderful at this point with a parking lot ready to receive our members. Again I'd like to thank all those who contributed to this large effort. There's still work to be done but the reward is in sight. Please **do not go out to the Lorton site unless there is an announced work date**. Remember anyone he travels to the site needs to sign in the main office building and be wearing a reflective vest.

We still have plenty of indoor flying dates available. They are listed on the website and will be on the newsletter as well. We have some dates that are available without a volunteer to run them. Please contact me if you're available to volunteer from 8 to 930 at Westfield high school on the dates listed.

This coming meeting we will have at least one if not two demonstrations. Jason Starmer will be demonstrating his construction of a Travelair Racer. This is a large-scale plane that Jason has drawn in auto cad and scratch built. What I've seen of it so far is absolutely amazing. I look forward to Jason demonstrating his work at the meeting. We will not be demonstrating a large-scale Avistar construction this month as Tony Claridge is tied up. We look forward to his return as soon his time permits.



President's Report: Continued

By Mark Franke

Quad copter racing has turned into a exciting venture for an NVRC. **Paul Lukas** and a handful of volunteers have been running the races with great success. Our hats off to them and our continued support for the enthusiastic members it brings to an NVRC. AMA has countless sanctioned clubs on their website. Quad copter racing has become a national sport with multi-thousand dollar purses at some of the larger events. You can now see quad copter racing on ESPN2 with amazing pilots flying some incredible courses.



Tung Phung and Matthew Hale: MultiGP Volunteers

John Roach has done an amazing job of keeping our field in tip top shape. However this year with two sites to manage the club need your volunteering to help maintain the fields. When we sent out the survey before the first of the year, many people volunteered to help maintain the field.

Please contact John Roach by email jagroach@verizont.net with your contact information so we can get a mowing schedule online. Based on the number of volunteers on the survey I don't suspect that any one individual have to more than once or twice a year.

Volunteers are the drivers of this club and we ask everyone to participate when they can.

My New Year's resolution is to fly more and eat less :-)

I look forward to seeing you at the field!

Mark Franke

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VP's Report: Meadow and Forest Restoration Work at Poplar Ford

By John Roach, NVRC Poplar Ford VP

The long-awaited burn of tall grass adjacent to our Poplar Ford airfield finally happened on 3 February. Mark and I had to be there to oversee installation of the new shelter, so I got permission to document the burn.



The event was well planned and staffed so it went off like a Scout bonfire.



The controlled burn was part of an ongoing effort by the Natural Resources Branch of the Resource Management Division of FCPA to restore the meadow and forest of Poplar Ford by reducing the presence of invasive species that crowd out the native plants. The work proceeded in stages as shown in Google Earth views provided by the Ecologist coordinating the project.



VP's Report: Continued

By John Roach, NVRC Poplar Ford VP



Work began last spring to clear, plow, and seed a meadow area infested with autumn olive that rarely gave up any airplane that crashed in it. Part of the ground was treated with sulfur to study whether sulfur would allow native grass seeds to grow faster than autumn olive seeds left behind when the autumn olive bushes were mechanically cleared from the study area by a "tree mulcher."

Clear, plow, treat, seed native grasses



Native grasses are allowed to grow to provide wildlife habitat. The tall grasses in these areas can also provide fuel for a planned burn, which is another way of reducing the population of non-native plants in the area of the burn. The 3 February burn was preceded by mulching and spraying of invasive plants to reduce their presence in the area before the controlled burn. NVRC members were warned well in advance of the burn to try to recover lost aircraft before the burn.

Area if controlled burn intended to destroy

Competitors of native plants



Forest restoration work involving mulching of cedars, autumn olive, and underbrush, leaving only those trees marked with red tapes prior to start of work, began in December. More than one airplane was found as the plane eating thicket was consumed by a pair of tree mulchers. The result of all this work was the open space that now surrounds the airfield.

Mulch invasive cedars, autumn olive



VP's Report: Continued

By John Roach, NVRC Poplar Ford VP

Some pilots find the newly open areas confusing. The landmarks they had are gone. Or at least, that is the excuse when they bite one of the few remaining trees by the field.



This is the view in the direction of the Battlefield.



This is the view from the same spot back towards Old Post Office Road.



Upcoming Events:

By Carl Lydick

Mark your calendars! We have a BUSY 2017 coming up!

March 12th	MultiGP Race Day Indoor Flying at National Building Museum (Click HERE for Details)
March 16th	Monthly Meeting
March 19th	Indoor Flying at Westfields High School (Click HERE for details)
March 25th	MultiGP Practice
April 2nd	Indoor Flying at Westfields High School (Click HERE for details)
April 9th	MultiGP Winter Season Finale!
April 20th	Monthly Meeting
April 22nd	NVRC Spring Auction
April 23rd	Indoor Flying at Westfields High School (Click HERE for details)
April 29th	MultiGP Practice
May 13th	Spring Fun Fly MultiGP Race Day
May 18th	Annual Build Contest
May 27th	MultiGP Practice
June 3rd	T-28 Racing
June 11th	MultiGP Race Day
June 15th	Monthly Meeting
June 17th	Become a Pilot Day (Udvar Hazy Center)

For the latest in event information check the [Events](#) tab at www.1NVRC.com. Check back often for the latest news and let us know if there is an event you would like included on the calendar!



T-28 Racing is BACK!

Details provided by Pat Dunlap

Dates: June 3rd

July 15th

September 9th

Registration: 9-9:30AM

Test flying: 9-10:00AM

Racing starts: 10:00AM

Plan to fly in at least 1 heat per race (2-4 heats per race depending on entries)

Plan on 3 races per date.



Aircraft is E-Flite's T-28; 1.1m (EFL4450) any color scheme is OK. Spotters in-line with the pylons need to be able to ID aircraft to call "cuts." A cut is when you do not go around the pylon @ each end of the field.

1 cut implies 1 extra lap; 2 cuts = DQ for that heat. Each aircraft should have an easily identifiable color scheme. Blue painters tape will be provided if needed to change the stock paint scheme(s).

Stock everything (except paint scheme) – propeller, wheels, motor, etc.

Battery can be 2200mAh 20-30C max. The "Stock" battery is 1800mAh. The plane easily handles the 2200 mAh; no RTF total weight restriction.

Model Specs: Product #EFL4450 (Current cost for BNF is about \$200)

Flying Weight:	30 oz (875g)
Length:	36 in (915mm)
Material:	Z-Foam
Motor Size:	480 brushless outrunner
Recommended Fuel:	Electric
Recommended Motor Battery:	1800mAh 3S LiPo
Wingspan:	44 in (1118mm)

We need helpers for the races - 2 pylon callers, a flag man for starting the races.

Prizes for all. HH gift cards.

Each race date will be treated as single event. Prizes will be the same for each event. All Pilots and helpers will get something.

You can practice at Pop Ford. There are 2 pylons in the outer corners of the field.

Hope to see you at the races! It's an Adrenalin rush!



Indoor Events

Indoor season is here!

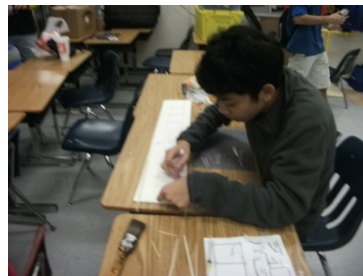
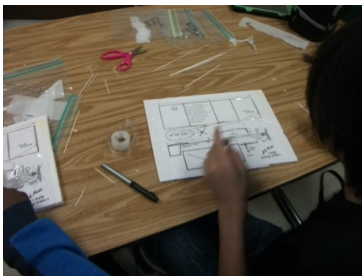
See the Events page or the calendar at 1NVRC.com for all the latest indoor events! We have Sundays at Westfields High School, an event at the Building museum, and the possibility of additional events! Come in from the cold and get your flying fix!



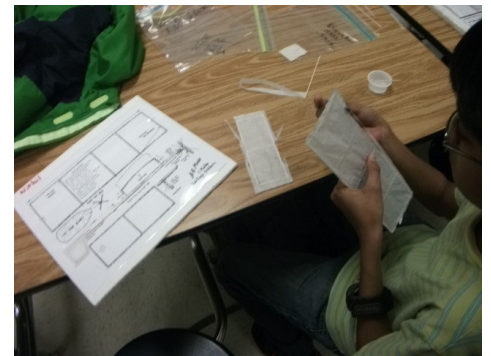
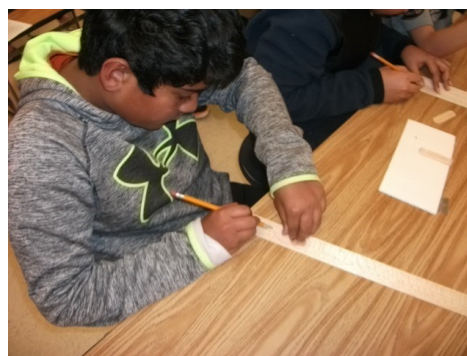
Images from West Potomac Fun Fly on February 5th.

Indoor STEM Opportunities!

If you're interested in participating in indoor **STEM** related activities please reach out to **Don Szczur** at dszczur@verizon.net. Dan has been helping out a few students but with more participation we can reach more middle and high school students! A portion of the fly-in donations have been used to fund the Rocky Run Aerospace Engineering Club and will be building up the Westfields/Chantilly High School MASC with much needed supplies. Don would also like to acknowledge **Carl Brieske** and **Jon Haituka** for their mentoring of the Rocky Run Middle School Model Airplane Student Club. Jon plans a special project with the students for glider flying or free flight build when he returns in April.



Rocky Run Aerospace Engineering Club members assemble Free Flight aircraft with the help of NVRC members! Sign up and out!





ID Your Plane (if you want it back)

A friendly reminder from John Roach, NVRC Poplar Ford VP

Lost planes are easy to spot at this time of the year because the leaves are off the trees. When I find something such as lost glasses, battery checker, a battery pack, a treed airplane, I upload a picture of it to the [club thread on RC Groups](#). If there is contact information on a lost aircraft, I try to locate its owner. A recent example was the recovery of an Ultimate Bipe2 – Its owner was in Florida when it was found, but immediately replied when told that his plane had been found. Unfortunately, most of the aircraft found in the woods are not marked with contact information. For example, does anyone recognize the yellow and red plane in the training shed?



It arrived in repairable shape, but its condition has deteriorated in storage.

There is also another reason to put contact information on any aircraft that weighs more than 250 grams – The FAA requires it. If that is not enough reason to ID your toys, please consider liability. AMA liability insurance does not apply to aircraft that are not clearly identified as belonging to an AMA member. Please ID your aircraft.



MultiGP: February Race Day!



Bull Run Round 4 Winners! Billy Shuette (1st), Andres Espinoza (2nd), and Andy Gustavo Bohm (3rd)



Novice Class Winners! Scott (1st), Philip Foss (2nd) and Benjamin Miller (3rd)



Great Turnout!



Beautiful new flags for future races!

Join the MultiGP Conversation online
[HERE](#) for all the latest news and details
about NVRC and MultiGP!





Editors Corner:

By Carl Lydick

I hope everyone is getting an opportunity to enjoy some of the unseasonably nice days. February is usually not great for flying but there were more than a few days last month that I wish I could have played hooky!

The T-38 will be airworthy in another month or so and I've started a side project in preparation for an upcoming air racing event! NVRC member **Jonathan Pruett** designed a beautiful 1/6th scale Caudron C.460 as an entry into a golden era themed pylon racing event against other 20's and 30's models. Jon is continuing to refine the design but he already has what I think will be a competitive airframe. So I've set aside a power system and started cutting some foam! If you're also interested in building Jon's model you can [CLICK HERE](#) to find the plans and build details. There are also Dollar Tree Foam Board versions of the Sk-3 "Jupiter", Folkerts SK-4, Laird Super Solution, Curtiss RC3, and the Travel Air Mystery Ship available if one of those models is more your style! [Find them all HERE!](#)

Happy Building!



Jon's Caudron C.460



Folkerts SK-3 "Jupiter"



Folkerts SK-4



Laird Super Solution



Curtiss RC3



Travel Air Mystery Ship

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