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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 2017. 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,

This summer marks the 8th year since the opening of Poplar Ford Park. 2017 also marks Bob Burnett's **60th** year with the club! Bob has been an invaluable asset to the club over those many years. He has served as a member of the board for as long as I can remember. Additionally he was instrumental in obtaining and developing Poplar Ford Park and Lorton field.

On behalf of the entire club we thank him for his service!



Bob Burnett and the latest addition to the mower fleet!

On an unpleasant note several cars were broken into few weeks ago. This is the first time we have had anything like this occur. **Please lock your cars and be aware if anyone is at the field who clearly don't belong.** The board will work on ideas for a new name badges to clearly identify members and their proficiency status.

The shelter has been ordered for Lorton field. Also we hope that the NVRC shirts are in by Thursday's meeting.

We are fortunate that for the club meeting on the 17th of August we will have a guest speaker discussing scratch building a fixed wing racer. Thanks to Carl Lydick for setting this up.

At the last meeting we discussed safety. Please remember that that all FPV pilots must be at the flightline and anyone flying FPV must have a spotter. FPV also must be flown in line of sight.

It's been a great summer so far. I look forward to seeing you at the field!

Thanks
Mark Franke



VP's Report:

By John Roach

The NVRC survey respondents who indicated that they were willing to help mow Lorton field received an email invitation to log on to Signup Genius and select a Friday on which they would mow Lorton field. Additional members have since indicated that they are also willing to mow Lorton and were invited to log on to the Signup Genius calendar.

Lorton rolled and mowed is suitable for aircraft with 3 inch wheels. It is about as flat as Poplar Ford but with a lot more open space surrounding the landing strip. It is a good venue for flying. Its single safety stand built and branded by Dan Porter will be joined by more stands this month. There are no trees or shelter from the sun so be prepared for a lot of sunshine with cooling breezes off the Potomac. Come on out and fly.



Seen at Lorton/Burnett field... a 27lb FW-190!

Poplar Ford is in process of getting the trainer shed painted. It is the shed with the solar panel. It has been scrubbed down and paint supplies are on site for volunteers who would rather paint than mow. A workday will be selected at the July monthly meeting.

The County is currently plowing areas that were mulched to prepare them for seeding with native grasses and wild flowers. The area west of the field that was burned in February was bush hogged. This may be in preparation for plowing and seeding. If so, the County may also bush hog the burned area north of the field. This could result in low grass height in this area for the rest of this year.

Five signs were placed at the four runway corners and along the north side of the runway limiting airfield access to NVRC users to maintain safety and preserve a level runway. Snow fencing erected this spring to control runway access will be replaced with permanent split rail safety fence at a later date.



Backyard Practice Pylons:

By John Roach

The Blade Inductrix and Torrent 110 are nimble little FPV quads that are just the right size for a backyard race course. Hula Hoops placed wedged between stones are OK, but not too easy to move around. Wife's shepherd's crook basket hangers and garden trellis proved to be just right for creating a backyard practice course. The Hula Hoops are easily attached to a basket hanger with bailing twine. The trellis units are trifold with openings that challenge flying skills. Both arrangements are easy to move about the yard and fun to fly thru.



HINT!!! Using a CD Storage Cylinder as an Inductrix Storage Solution

The BNF Inductrix FPV I purchased from Hobby Hanger was parted from a RTF box, so it came without a box. Its width was smaller than a CD, so I cut the center post out of an empty 25 CD cylinder and hot-glued CD cushion pads to its top and bottom to make a padded Inductrix FPV travel case. Hobby Hanger sells a 3D-printed Inductrix motor brace for \$5, so I bought one of them with my Inductrix and can report they really work well.





MultiGP:

Images from NVRC Facebook Group ([Click HERE](#) to visit online!)



Is it still crashing if you never hit the ground?



August 13th Bull Run Series WINNERS!



Big turnout for the July Races



RunCam FPV provided prizes for the August races. Thanks RunCam FPV!

Thanks to all the volunteers and pilots who made the event a success!





MultiGP Standings:

For the latest standings [CLICK HERE!](#)

Rank	Pilot	Country	Total Races	Score
1	<u>FRESHNESS</u>	United States	3	65
2	<u>DexFPV</u>	Honduras	3	51
3	<u>rombot</u>	United States	2	48
4	<u>Brent</u>	United States	3	31
5	<u>pyrofly</u>	United States	3	29
6	<u>Sturg</u>	United States	2	24
7	<u>JBeloncik</u>	United States	2	24
8	<u>Billster</u>	United States	3	23
9	<u>SegFPV</u>	United States	4	23
10	<u>ScudRnr</u>	United States	4	22
11	<u>holaquad</u>	United States	5	21
12	<u>Christoph FPV</u>	United States	2	18
13	<u>Rathbourne</u>	United States	3	17
14	<u>ig9ter</u>	United States	1	16
15	<u>Nimbus3</u>	United States	2	14
16	<u>Santa</u>	United States	5	13
17	<u>ChrisD</u>	United States	2	12
18	<u>CoVa</u>	United States	1	12
19	<u>JakeT</u>	United States	1	10
20	<u>InteousFPV</u>	United States	1	9
21	<u>bmantoni</u>		2	9
22	<u>KnuckleUpFPV</u>	United States	2	8
23	<u>FIG-FPV</u>	United States	4	8
24	<u>chump</u>	United States	2	8
25	<u>PuffedLipo</u>	United States	2	7
26	<u>CovfefeFPV</u>	United States	2	6
27	<u>Artoo</u>	United States	1	5
28	<u>Architect J</u>	United States	1	5
29	<u>Huppo</u>	United States	3	4
30	<u>rigarma</u>	United States	1	2
31	<u>Toecutter</u>	United States	4	1
--	<u>Taylor fpv</u>	United States	1	0
--	<u>Crash-2-Win</u>		4	0
--	<u>NesutahFPV</u>	United States	1	0
--	<u>DinoSoar</u>	United States	2	0
--	<u>crashmore</u>	United States	1	



July Meeting Minutes:

Provided by John Roach, NVRC VP

The meeting was called to order with 36 present. New member, David Ashoo, introduced himself and his mom. Roger Parker, a member who has not been to a meeting in a while, also introduced himself. Bob Freas, NVRC Treasurer, was unable to attend, but sent word thru Mark Franke that we are solvent and that our money is safe.

VP Report – “Paint the Shed day” is proposed for a Wednesday in August at Poplar Ford. Al Norcott proposed purchase of a new mower for Poplar Ford. The membership voted 35-1 to purchase a new mower for Poplar Ford. Mark Franke explained that a 12x20 sun shelter for Lorton could be purchased and installed for \$1200 or for \$1400 if we wanted it rated to withstand 130 mph winds. He indicated that he did feel that a wind rating of 130 mph was not necessary. The membership voted 35-1 later in the meeting to purchase a weather shelter for Lorton.

President Report – Mark described receiving an interesting email that led him to attend a Board of Supervisors meeting in support of a proposal to expand sites for recreational UAV in Fairfax County. Testimony described the need for additional UAV sites and suggested possible sites including indoor sites such as the indoor soccer field at South Run when those indoor sites were available. Mark told the County Board that NVRC would support recreational UAV as much as possible but expressed concerns that FPV rules are much more lax than AMA flying site rules. He learned that the FAA considers the collaboration between NVRC and Fairfax County to be a model of County and club collaboration. Paul Lukas pointed out that the group petitioning the County for additional UAV flying sites was almost exclusively multi-rotor. He made the point that the group should not forget fixed wing flyers in the negotiations. Mark replied that the devil was in the details. Brian Stewart said that the group seeking additional flying sites might obtain access to indoor facilities by Christmas. A member responded that the County charges user fees for use of their facilities.



July Meeting Minutes:

Provided by John Roach, NVRC VP

President Report (Continued) – Any organization planning to use County facilities will probably have to pay a user fee. Mark continued by reminding us that the FAA registration regulation has been struck down by the courts. The AMA is not requiring FAA registration at this time. Jonathan Pruett replied that there were bills in committee requiring the FAA to re-impose registration. A member asked when the Lorton hours would be expanded. Mark replied that NVRC is expected to demonstrate responsibility after which the operating hours would be considered.

Upcoming Events include 29 July Multi-GP Practice at Poplar Ford, 19 August Bipe Contest (Bob Burnett coordinating), 30 September Leesburg Air Show (Gary Quinn coordinating). The Lake Ritchie Float Fly is the same day. The Fall Fun Fly is 7 October. It is the Chicken Fly.

Results of Current Events were numerically dissimilar. The T-28 races attracted 3 pilot participants. They flew against the clock for 10 laps rather than each other. Thirty pilots participated in the Multi-GP race event. The second Sunday of every month is FPV multi-rotor practice. The Sunday at the end of each month is open class fixed wing FPV. There was some discussion of organizing multi-class FPV racing. This led to Mark presenting two **FPV field rules**: **1)** All FPV pilots must be at the flight line so that they can communicate with one another. **2)** Every FPV pilot must be accompanied by a Line of Sight (LOS) spotter. Everyone at the field is expected to talk to people and respect one another so that we continue to be considered as a welcoming club. Mark admitted that transmitter bands are an insufficient way to identify experienced and novice pilots members. He solicited the membership for other means to identify members. Bob Burnett noted that the LCAA uses a lanyard worn around the neck. Paul Lukas suggested that we kill two birds with one stone by issuing membership cards that we can place in one of four slots on the frequency box when it is our turn to fly.



July Meeting Minutes:

Provided by John Roach, NVRC VP

Carl and Eric described Flight Fest. It grew out of the Flight Test You Tube program. Over 1000 pilots attended the latest Flight Fest. The event lasted 4 days and received over 1300 registrants. They gleefully described the “full contact” air combat that prevails at the event. The organizers of this Malvern, OH event tell everyone to “Bring the people you love and the airplanes you don’t.” Malvern is a 5 hour drive from here.

Pat Dunlap described programming computer radio transmitters. Pat first mentioned the excellent article by Tony Stillman, “*Radio Programming Basics*,” in the July 2017 issue of Model Aviation and the many videos available on You Tube. He acknowledged that radio manuals fail to provide examples of simple set ups that can be modified by users. To offset this, he gave kudos to spectrum SPM files which are programming setups for each airplane they sell. He adjusts them to suit his flying style and if he has a similar airplane, he will copy its setup file and tweak its settings. Pat recommended Getting Airborne, Volumes I and II by Harry Higley as a good aircraft setup reference. In closing, he reminded the audience to always remove the aircraft propellers while setting up flight controls on the bench and to program a motor kill switch into your radio.

Show and Tell – Jon Pruett showed off his newly purchased “Spinster,” a discus launched glider (DLG). Pat Dunlap showed his Diamond Dust Wing, describing it as a “go fast” delta airplane. He explained the advantage of a delta wing is a flight envelope that has a high top end but slow landing speed. Pat Dunlap won the Show and Tell drawing.



Upcoming Events:

See the Events Calendar at www.1NVRC.com for more details!

August 17th	Monthly Meeting
August 19th	Biplane Contest
August 26th	MultiGP Practice
September 9th	T-28 Racing (Click HERE for details)
September 10th	MultiGP Race Day
September 21st	Monthly Meeting
September 23rd	MultiGP Practice
	Pattern/Quad Contest (Maples Field)
September 30th	Leesburg Air Show
October 1st	<u>MultiGP BIG event! (Click HERE for Details)</u>
October 7th	Fall Fun Fly
October 8th	MultiGP Race Day
October 14th	Fall Auction
October 19th	Monthly Meeting
October 28th	MultiGP Practice, Air & Scare (Udvar Hazy)
November 4th	Toys for Tots Fly In
November 12th	MultiGP Race Day
November 16th	Monthly Meeting

Editor's Corner:

By Carl Lydick

I want to start off with an apology to the NVRC members for taking so long to get a newsletter out. A busy summer at work, family vacation, and life in general have conspired against my RC habit the past few months. I did get a chance to attend Flite Fest East 2016 and shared some of that experience at the July club meeting. While muddy and tiring it was still a great experience.

Since the last newsletter I was able to sneak in a maiden flight in with the Wow-planes T-38 Talon. The CG was close but could stand to be a bit further forward. The elevator throws proved to be too much and she was a handful, but she came down in one piece and adjustments are underway. I hope to have her back up for another shakedown flight this month.



One flight in the books. Hopefully many more to come!

I also want to thank NVRC member Jon Pruett again for his excellent Caudron C-460 design. I had a blast building and flying it in the air race events at Flite Fest. While I came in second (maybe third?) in the big race the model itself flies fantastic and I expect she will now accompany me to Poplar Ford any time I can make it out.



Jon Pruett's design... Can't wait to see his NEXT project!

Again I want to apologize for the delay and I hope to be back on track to get these newsletters out monthly. If you have something you'd like to share with the club please send it my way! Happy Flying everyone!