



Junior National Champion and NVRC member Joe Sczur shares his F3a competition experiences.

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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

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President's Report:

By Mark Franke

Folks,

I have **good news** to report.

Poplar Ford Field will open on **weekends at 7:30 in the morning for electrics only**. This is a trial with the county through September. **Saturdays and Sundays only**. We must self-police and make sure there are **no fuel powered airplanes during that time**.

The field opens for all aircraft at 9 AM as usual. We have a great relationship with the county and we need to make sure if they give us a opportunity like this we are respectful of its limits.

Please be aware there is a new housing development going up on Bull Run Post Office Road. I expect there will be construction traffic on the road shortly. As always be careful of horses on the tractor path. If you meet a horse on the road please stop your vehicle and let them pass.

Bob Freas continues work with the Lorton saga. We are working on the final phases of getting a permit to start setting up the field. We have been held up again by some red tape. However we are optimistic. We are also waiting on the permit process for the shelter at Poplar Ford. The shelter has been ordered we are waiting final permit and delivery.

As we enter a new phase with the club with quad copters, it reminds me of starting having electrics at the field. This is a newer area of our hobby that we should embrace along with the new membership that we attract.

Carl points out we were all beginners at some point and a helpful and respectful attitude is incredibly important to our new members.

We have a host of events coming up over the next season. We will need member support at these events. Volunteerism in the club is what drives our success. The Leesburg airshow is of particular importance as it demonstrates the very positive aspect of our hobby to thousands of people who otherwise have no idea what we are about.

Clearly we are drawing membership as the last meeting had close to 40 attendees. We will try and continue to keep the meetings interesting and also listen to your suggestions openly.

Thanks all the people who volunteered over the past several months including Gary Quinn and Bob Burnett. Without your support our events would fall flat.

NVRC has a more than 50 year history success. The board and I all look forward to continuing that tradition.

Thanks

Mark Franke

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Fall Auction Announcement:

The Northern Virginia Radio Control Club & West Potomac High School STEM Program



Auction

Saturday, October 15th, 2016

at

West Potomac High School

6500 Quander Road, Alexandria Virginia, 22307

(Auction in Main Gym – Use Door #13 for entrance)

Setup and Viewing 8-10 a.m. – Auction Starts at 10 a.m.



R/C Airplanes, Helicopters, Cars, Boats, Supplies

Buy and/or Sell

Auction Tags Provided

Fixed-Price Tables Available



Admission and Door Prize Entry- \$5

\$20 Auction Minimum; Fixed Price Table, No Minimum

10% of All Sale Proceeds to Club; Computerized Accounting

Credit Cards Accepted

NO PRIVATE SALES

Food and Drink Available



For more information, contact Bob Freas (703) 395-9503
More details available on our webpage www.lnvrc.com



Leesburg Air Show: NVRC Members Needed!!!

By Gary Quinn

Leesburg Air Show, Sept 24th

MEMBERS NEEDED to PARTICIPATE

Members, this is your chance to participate in a full scale air show at the Leesburg Executive Airport. We need volunteers for the following:

- Pilots to fly as the opening act. You will have the opportunity to fly in front of a crowd of nearly 10,000 people! You will fly off of the runway or taxiway. You will have the sky to yourself.
 - Large and giant scale planes are preferred and you MUST be a proficient pilot. Can you do 3D flying? Have a routine? Just want to fly? Let me know so you can be added to the pilot registry. For those who can fly Jets, replacement fuel can be provided by the airport. Hurry and secure your position today!
- Work the NVRC tent and talk to people about the club and the hobby. Hand out flyers and information to interested visitors. Sell items available to raise funds for the club. Bring your plane for a static display area and let people see what you fly.

This just takes time and you DO NOT have to stay the entire day.

Show hours are 11am to 4pm with the main show at 1pm. RC flying starts at 11am and goes to around 12 or later. Pilots need to be at the airport by 8am so you can drive onto the tarmac and set up. First come are first served by allowing some vehicles to stay on the field. Others need to be moved to the staging lot.

This is a fun event. There are a lot of people. Really cool planes. Bring the entire family. Lots of food and drinks.

Please call Gary at 703-581-4857 or send an email to garydquinn@gmail.com with any questions.





Biplane Contest:

Results provided by Bob Burnett

Thanks to all the NVRC members who came out and participated in the annual Biplane Contest, and a special thank you to **Bob Burnett** for coordinating and running the event! Events included Taxi Races, Loops & Rolls, Touch and Goes, Spins, and a Spot Landing.

There were many close calls, including one amazing recovery from below the tree line, but all planes survived and everyone had a great time. At the end of the day **Colin Quinn** took home first place and many other members went home with gift cards from Hobby Hangar.

Thanks again to all who participated!



Scott demonstrating an unconventional way to taxi



Don't pop the balloons!

Results

1st	Colin Quinn	9th	Roger Hammel
2nd	Pat Dunlap	10th	Scott Fisher
3rd	Ken Bassett	11th	Roger Coffman
4th	Yang Joe	12th	Terry Engler
5th	Bob Burnett	13th	Herb Weinberg
6th	Tony Claridge	14th	Gary Quinn
7th	Terry Terrenoire	15th	Ajen Vo
8th	Jim Coffman		



Peanut gallery waiting patiently in the shade.



Lorton/Burnett Field Rules—DRAFT:

Provided by Tony Claridge

1. This property is owned and operated by Fairfax County Public Works. Flyers must be AMA members. Additionally, they must be Bob Burnett Field and NVRC club members. Flyers must be on the access list and sign in and out at the main gate.¹
2. All field operations must follow the AMA safety rules.²
3. New club members will qualify for unsupervised flight status in accord with the current NVRC Pilot Training and Qualification Guide. Qualified pilots will attach the current “qualified” band color to their transmitter. Unqualified pilots will attach the appropriate “unqualified” band color to their transmitter until they become qualified. At that point, they will receive a “qualified” pilot band.
4. All flying will be done from designated pilot stations.
5. All take offs, landings, fly bys, and touch and goes shall be called clearly for all other pilots to hear.
6. Flyers will not stand on the airfield and/or the taxiways when flying.
7. Aircraft in the air are limited to two in the air when at least one of the aircraft are giant size.³ Otherwise, no more than four (4) aircraft, when none are giant size, may be in the air at the same time.
8. When more than one aircraft is in the air, the flight pattern will be followed determined by the direction of the wind.⁴
9. No 3D flying over the runway if more than one aircraft is in the air.
10. For flyers using the FM band, a single red pin will be obtained (located at the flight line) on a first come, first served basis. A FM transmitter shall not be turned on unless the flyer has possession of the red pin. Any FM flyers coming later will coordinate amongst themselves for the use of the red pin. All other bands (2.4 Ghz or Ham radio) do not require pins.
11. Radios will be range checked prior to a maiden flight.
12. All engines larger than 0.10 cubic inches must be fitted with an effective muffler.
13. No multicopter or helicopter flying at the field at this time (Poplar Ford Field has a dedicated multicopter flight area).
14. Flying will only occur during designated days and times as posted at the site.

¹ NVRC has a memorandum of agreement with Fairfax County Public Works which allows us to operate RC aircraft at this field. NVRC manages and maintains the site for safe operation.

² The official AMA National Model Aircraft Safety Code document #105 is maintained on the AMA website.

³ A giant size aircraft is any single wing of 80” span or greater, or multi-wing span greater than 60”.

⁴ The NVRC flight pattern is a rectangle parallel to the field determined by the take off and landing direction into the wind



August Meeting Minutes:

By John Roach, NVRC Poplar Ford VP

Mark Franke called the meeting to order at 7:30 with 36 people in attendance. As a first order of business, he announced that Joe Szczur had accepted a job at Hobby Hanger. Joe scored sixth at the Nats making this the second year in a row as the Junior Champion.

New Members and Guests – Daniel Wolfolk introduced himself as a new member.

A shed and weather shelter were ordered for Poplar Ford. The shelter will require a building permit. The Carolina contractor who will fabricate and install it has a VA contractor's license, but not a VA business license, so this has delayed shelter installation. It may be up in 3 weeks.

In regard to a member request to open Poplar Ford earlier than 9 am, any change in language of our memorandum of understanding must go to a public hearing. Mark suggested that we do not want to happen with a new subdivision under construction nearby. Frosty suggested that we inquire about a change in operating hours at a low level. Mark agreed to ask if we can change operating hours without modifying our contract with the County. Tony Claridge shared that this was the first year in which the County has not received an email complaint from horse people about our operations.

Poplar Ford Report – Labels were added to the side of Big Red's cutting height selector to identify appropriate cutting heights for the field, pits, and trails. This was done to avoid inadvertently scalping the field. The other red mower, "T Rex," has bogey wheels on its deck which prevent it from scalping turf during mowing.

Archery hunting for deer in Poplar Ford Park begins 11 September and runs thru 25 February. Hunters riding all-terrain vehicles scouted the park 20 August. Anyone authorized to participate in bow hunting deer in the park will be wearing an orange lanyard around the neck and their vehicle will display an appropriate parking pass. Please remember to be noisy if you enter the woods in search of a lost airplane during hunting season. It is unlikely that an archer would mistake you for a deer, but buck fever does strange things to people, so please be careful in the woods.



August Meeting Minutes (Continued):

By John Roach, NVRC Poplar Ford VP

Poplar Ford Report (Continued)– All mowers are in working order and the portable shelter that was broken last week has been repaired. A picnic table now has a hole in it that will accept the shade umbrella. If you want shade but lack the manpower to erect a portable shelter, grab the umbrella from the shed and set a spell.



Picnic Table Umbrella

Thanks again to the members who mow to pass the time while their batteries charge. Everyone certainly appreciates your efforts.

Lorton Flying Site Report – The saga continues. Our minor site plan was approved in the second week of August. We now need the following items to pull a site permit: County and State storm water permits, a pro rata share agreement, a land disturbance agreement, a land conservator agreement, VDOT permit approval. There is a \$2900 fee coming due for which we may have vouchers that will cover it. That will have to be determined. Solid waste is investigating if we need to comply with another requirement. Once we receive an approved site permit, it will allow us to install parking curbs and signage as needed for final inspection and approval. Passing that inspection will get us a use permit. Then we can erect a safety fence and fly. All this may come to pass by September.

Biplane Contest – 20 August. Bob Burnett announced that Hobby Hanger was providing \$250 in prizes. Bob invited all pilots in the crowd to enter the contest. Planned events included a taxi contest, a loop/roll and loop/roll contest, a touch and go contest, and a spin contest described as a flight consisting of takeoff, spin, and landing close to a target. The contest is our recognition of National Model Aviation Day. NVRC will collect donations to Disabled American Veterans (DAV). AMA sent stickers and bracelets for those who donate to DAV.

Fall Auction – 15 October, West Potomac High School. Joe Franco is our contact person at West Potomac. Please plan to attend and support Joe.



August Meeting Minutes (Continued):

By John Roach, NVRC Poplar Ford VP

November meeting— The November monthly meeting will be held on Nov 10th, the **SECOND Tuesday of November, due to a conflict with an event at the firehouse.**

Leesburg Air Show – 24 September. Gary Quinn is coordinating our participation. We need competent RC pilots to fill an hour of air time at the show. There will be full-size Mustangs and jets in the air show. It is an all-day affair. We also need an air boss. Kenny volunteered to be air boss.

Lake Ritchie Float Fly – 1 October. [Click HERE for details](#)

Fall Fun Fly – The NVRC Fall Fun Fly will be held on Oct 8th (Saturday). This will be a fun Fly event. Taxi race, loops and rolls, timed flight and touch and go's. Any qualified flyer can compete. Prizes for all. The club will provide Kentucky Fried Chicken with fixings for all.

Toys for Tots – Perhaps 5th of November, 10AM-12PM.

NVRC Banquet – First or second week of December.

Mark Franke will be stepping down as the physician on call for Fairfax City Firehouse 3 in July. He suggests that we make a donation to the fire department to offset his vacancy of this position because it was thru his position that we were able to regularly meet at Firehouse 3.

Draft Lorton Site Rules have been posted to the discussion forum for comment. This will allow all members to read them before the next membership meeting. The NVRC Board also needs to review them.

Roger Hammel, announced that an LCAA flight instructor passed away 20 June. Roger is helping the family settle the estate and passed out a list of model aircraft related items for sale.

Tony Claridge reported that Hobby Hanger wants to do a "Become a Pilot" event quarterly. They would bring their equipment to Poplar Ford and fly buddy box wirelessly.



August Meeting Minutes (Continued):

By John Roach, NVRC Poplar Ford VP

Paul (Ivanhoe on our discussion forum) is setting up a FPV racing team. Those who race must be AMA and NVRC members. See our discussion forum for details about Multi GP.

Tony Claridge described the Mister RC sound system that he recently installed in the nose cowl of his Sopwith Camel. The system speakers replace a pound of lead ballast that he needed to balance the plane. Hobby Hanger and Motion Hobby sell the sound system. Tony highly recommends this product.

Show & Tell – Terry T showed a Hobby King biplane that looked like a pattern aircraft. It was mentioned that internal cell resistance measurement data were useful battery diagnostic information. This will be discussed at the next meeting. Kenny showed his wing bags and the pattern wings in them. One wing was a composite structure. The other wing was made of balsa. Both wings demonstrated the sophisticated construction required by modern competitive pattern aircraft.

Joe Szczur arrived at the meeting from his new job with one of his competition aircraft in hand. He explained some of its features while recounting his latest contest experiences. Joe won the Junior National Aerobatics Championship and will be competing in the World Championship this year!



Tony's Camel sounds great!



Terry's new Biplane from Hobby King



Joe Szczur, junior national champion, talks about his aircraft



Balsa vs. composite wings



Editors Corner:

By Carl Lydick

Although it has been a HOT August I've enjoyed getting out to the field several times this month. The bi-plane contest was great to watch, and I was even able to play hooky one weekday morning and get some flights in while it was cool. The Hangar 9 Sbach 342 I picked up from Hobby Hangar last month has proven to be a blast to fly and I'll be dragging her out every chance I get.

I'd like to encourage everyone to help **Paul Lucas** out with the [MultiGP Chapter](#) that we just launched. The first week we announced this chapter we had two new pilots join up eager to race (and learn more about RC in general). Having a dedicated multirotor and racing area has the potential to set NVRC apart from nearly every other RC club and to bring in new pilots that might otherwise pass on an AMA club like us.



Pilot Bust from Aces of Iron painted up for the Sbach

I'd also like to share a somewhat related story from the last month. Is your refrigerator running? Well, mine *wasn't* so I had an appliance repairman out to the house last week. I had just returned from the field and was wearing an RC related shirt that caught his attention. He had been interested in RC years ago and *had actually joined NVRC to learn to fly*. This was more than 10 years ago, long before my time. He had bought and built a model and flew it several times via buddy box, but became discouraged from criticism he received from senior members. For example... someone told him his pushrods were bad, so he changed them. Someone else told him the new ones were all wrong and he wouldn't be allowed to fly so he changed them again, only to hear about it again. In the end he quit NVRC and gave up model aviation after finding the club to be unwelcoming.

Obviously I was hearing just one side of the story. Perhaps he was discouraged by the challenge and blamed others for his lack of success. Perhaps he was rude to members or did not take well to needed advice. He seemed nice enough but you never know for sure. But the story is one I hear too frequently and one that I'm afraid keeps people away from great clubs like ours. I watch the foam scratch building communities online and a common complaint I hear is that AMA clubs aren't welcoming to less experienced modelers and pilots. As a result many pilots fly "rogue", and especially in this area that can lead to trouble for the pilot and bad exposure for the hobby.

I made sure to explain that his experience wasn't the NVRC that I know today and that we have a membership that enjoys anything that flies and is always happy to help. In my experience our members have always been friendly and helpful, but I just wanted to take a moment to remind folks to be EXTRA welcoming to beginners and newcomers. Obviously safety comes first, and if you see a beginner doing something dangerous or violating rules it needs to be corrected. And again, my experience is that our members do that as nicely as possible. But a friendly reminder to be friendly can't hurt, right?

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