



Great Turnout for the first Giant-Scale Fly-in at Lorton. Lots of pilots and visitors enjoyed watching the big birds fly!

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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. 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!

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President's Report: Don't forget the webbing!

By Jon Pruett, NVRC President

Hello fellow RC flyers!

It's been great RC season its been so far with lots of great events, great weather, and opportunities to share and enjoy the hobby! Thanks to wonderful volunteers like Mike Marr, Scott Fisher, Tung Phung, Bob Burnett, and Bob Freas in just the last month we've had combat events, FPV wing racing, and our first Giant Scale Fly-In at Lorton Burnett Field! And all those events have been held at beautiful flying fields thanks to the tireless efforts of John Roach, Jon Haitzuka, Mark Franke, Bob Freas, Gordon Slaymaker, Dan Breeding, Al Norcott, Dan Porter, and all others who have spend some of their precious hobby time mowing, trimming, and caring for our facilities. Please remember to say "thank you" next time you see these gentlemen, and please join in to help keep our club facilities the nicest in Northern Virginia!

Later in this newsletter you'll see some pictures of the amazing planes on display at our Giant Scale Fly-In, which was a whole lot of fun. We had about 30 visitors and pilots throughout the day, from ages 4 to 80, and the camaraderie and fellowship on display made me very proud to be a part of this club. We spent time with visitors passing through on their way home to West Virginia,

past club members who hadn't been involved in the hobby in over 10 years, and several families whose were interested in the hobby and got to enjoy some fresh popcorn and great flying. Bob Burnett's beautiful Jenny sounded amazing and was so graceful making low passes across the field. Sokha Pann's aerobatics and tight control with his giant Sukhoi was beautiful to watch! But the clear fan favorite (for all attendees under the age of 20) was my "stand way off scale" WW1 fighter plane piloted by Snoopy on his doghouse! In addition to placing very well in the static contest, I had one great flight with early in the day. Unfortunately during the second flight the wings collapsed, and she went down into the hillside hard. Snoopy is still missing behind hostile lines, and the NVRC Accident Assessment Team traced the failure to a lack of sheer webbing in the wing design. If you love to rebuild vintage planes from swap meets or garage rescues, please learn from my experience and make sure there is plenty of sheer webbing in the wing when you replace the covering! And if you happen to have a giant scale plane that's been tucked away in your garage for years gathering dust and hangar rash, let me know - I've got room for another big project now!



Snoopy piloted this WWI fighter valiantly but is still MIA.

See you at the field!

- Jon Pruett



VP's Report: Updates from Poplar Ford and Lorton

Compiled from John Roach's RC Groups Updates

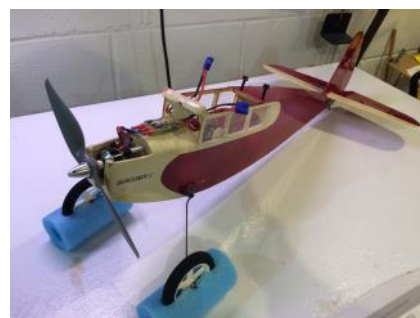
June 14: Al, Carl, Dan, and John took turns mowing at Poplar. A knock-off drone was found and placed in the shed. John asked FCP to move the telephone poles now that the ground is firm enough for traffic.

June 20: FCP have removed the poles from the parking lot at Poplar Ford. Caution is still advised as there is still some standing water in spots. Rain had left standing water on the field as well. John worked to back-fill a low spot from a hillock created by a tow truck last year. Plan to request FCP fill the remaining low area.



Parking lot is back to normal size but beware standing water and soft spots

June 24: Mowed Poplar Ford, paying special attention to the spectator area, pits, and porta-potty area. Maiden-ed the "Burgundy Chief". She was an old .049 bird, likely never flown, and was converted to electric. Flies well enough to be a solid trainer for takeoffs and landings!



July 2: Poplar Ford mowed and potholes filled.

Lorton Giant Scale Fly In: June 23rd

We had a great turnout for the Giant Scale fly in! If you missed it make sure you join us next time!



Impressive Flight Line!



MAMBA!



This crowd favorite met an untimely demise



Beautiful day to fly. We had an excellent turnout of pilots AND visitors who came to enjoy the models.

Lorton Giant Scale Fly In: June 23rd



Bob Burnett's fantastic 1/5th scale Curtis Jenny. At 105" she was impressive to see AND hear as she mad graceful circuits of the pattern and low passes for all to enjoy!



Beautiful F-4U Corsair. That big 3 Blade looks great!



Sokha Pann's Sukhoi flew great!



Giant Scale Sailplane on her cradle, prepping for launch. Lorton provides a great location to fly these BIG gliders!

Lorton Giant Scale Fly In: June 23rd



That's one BIG Hotliner! The Staufenbiel Hyperion stretches out over 133" . She is quick, nimble, and beautiful!



*You can't go wrong with an Ultimate Bipe!
Performance AND looks!*



A beautiful Fokker D.VII prepares for a sortie under the watchful eye of a few NVRC elites. That's a lot of years of experience right there!



NVRC Event Weather Policy: ALERT!!!

By Jon Pruett, NVRC President

Wet weather has been a growing challenge for our fields, especially Poplar Ford. To ensure we are able to consistently make and communicate decisions about event changes due to field conditions we have approved the following policy.

- If due to weather conditions Poplar Ford Field is deemed unsafe, or unable to handle the additional traffic of an event without damage, the event will be relocated to Lorton Burnett Field.
- This policy applies to all events tracked on the <http://www.1nvrc.com> website, with the exception of Multi-GP races which follow their normal weather cancellation policy and will not be relocated to Lorton Burnett Field.
- The relocation decision will be made by the event's Contest Director and one or more of the NVRC officers during the week leading up to the event.
- All members and guests are welcome to attend any regular or relocated event at Lorton Burnett Field, regardless of their Lorton Field Membership status.

Thanks!

- Jon Pruett





NVRC on the WEB

Join us online for up to the minute news!

2019 will be a busy year for NVRC, and we will of course re-cap events here in the newsletter. If you want the latest, up to the minute news and events from the NVRC community you can join us online at the locations below. We encourage everyone to share anything RC related with the club. Beautiful day at Poplar or Lorton? Have a new toy you want to show off? The last landing didn't go as planned and now you've got a trash bag full of parts? We want to see it! (*especially the bag of parts!!*)

NVRC on Facebook



<https://www.facebook.com/groups/1nvrc/>

NVRC on RCGroups.com



<https://www.rcgroups.com/forums/...NVRC>

NVRC on Instagram



<https://www.instagram.com/nvrc.club/>

NVRC



<http://www.1nvrc.com/>



Upcoming Events:

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

July 13th	<u>Streamer Combat Skirmish</u>
July 14th	<u>NVRC Multi-Rotor Racing</u>
July 18th	<u>NVRC Club Meeting</u>
July 21st	<u>Pylon Races</u>
July 27th	<u>Vintage RC Gathering</u>
August 10th	<u>Biplane Fun Fly</u>
August 10th	<u>Streamer Combat Skirmish</u>
August 11th	<u>Multi-GP "BIG" Event!</u>
August 15th	<u>NVRC Club Meeting</u>
August 24th	<u>Lorton Fun Fly</u>
September 8th	<u>Pylon Races</u>
September 8th	<u>NVRC Multi-Rotor Racing</u>
September 14th	<u>Streamer Combat Skirmish</u>
September 19th	<u>NVRC Club Meeting</u>
September 21st	<u>Streamer Combat Event</u>
October 5th	<u>Fall Fun Fly</u>
October 12th	<u>Streamer Combat Skirmish</u>
October 13th	<u>NVRC Multi-Rotor Racing</u>
October 13th	<u>NVRC Club Meeting</u>

And **MORE** to come! Check www.1nvrc.com/events for more details!



June Meeting Minutes

Provided by Carl Hampton and John Roach

The meeting opened at 7:30 PM with 28 in attendance.

New members and visitors included: **Dave Bardash**, who is returning to NVRC after a multi-year hiatus from RC; **Doug Ryal**, who has been a member for 4 or 5 years; **JJ Fisher** and his two sons, **Jacob** and **Michael**, who want to fly RC and want to know how to get trained to fly and what is a good first RC plane; **George Bernero**, who got a drone for Christmas and has already lost a few planes; and last but not least, a young man by the name of **Gavin**, who has just joined NVRC.

Poplar Ford Field Report - John Roach reported that the field is open and in good shape. The parking lot, however, is wet and we need to be careful when going into and coming out of the field. The question was asked whether we can roll the field and whether Fairfax County Park Authority will roll it for us. **Mark Franke** committed to contact the Park staff to see about getting the field rolled with the County's three foot wide roller.

Lorton Field Report – On 29 May, the Washington Business Journal reported that a new indoor ski system has been proposed to be built at the site of our Lorton field

[LINK TO STORY HERE](#)

This is to be an indoor resort that is being developed by a company that has completed other similar resorts in locations around the world. It appears that the process for developing this project began in 2016. There is an 18 month hearing process that will be completed before the proposal can be approved by the County.



June Meeting Minutes

Provided by Carl Hampton and John Roach

If the project is completed, it will include a hotel and 1,700 foot long ski slope, which will be constructed on our flying site. In the 150 page report [60 are redacted] submitted to the Fairfax County Board of Supervisors, page 87 says the company may relocate the NVRC flying field. It remains to be seen whether this can happen and if so, where? This proposal includes many other attractions beyond indoor skiing such as hiking and biking trails, a gondola ride, zip lines, a wave pool, and the 100 room hotel. **Mark Franke** voiced his concern that we may lose Lorton Field in two years and proposed that we engage an attorney to seek remediation. **Jon Haitsuka** asked if an EPA study had been done. **Paul Lukas** suggested that we ask for creation of a County Air Park. **Mark** questioned whether there was enough land still available in Fairfax County to site an air park. In summary, it is possible that our Lorton field may be relocated. It is also possible that we may get our investments in Lorton field back if they cannot relocate us. One possibility if we are shut down at Lorton is to obtain improved access and less restriction on aircraft noise at Poplar Ford. There are many issues yet to be sorted out in connection with this proposal, the NVRC Board will be watching it closely.

Treasurers report – **Bob** was not here this evening, but he left word that we have money.



June Meeting Minutes

Provided by Carl Hampton and John Roach

Events -

Lorton Glider Day: **Jon Haitsuka** reported that there were many kinds and sizes of gliders brought to Lorton for Glider Day. A great deal of fun was had by everyone at this event and there was a good turnout with attendees from as far away as Maryland. We may do glider contests if this event is repeated.

Streamer Combat Report: There were six rounds of combat. **Jon Haitsuka** won the event.

Mystery Model: A 1975 Curare pattern model was the mystery model. It won the 1975 Tournament of Champions pattern contest. Kits of this model in 40 and 60 inch wingspans are now available from Eureka Aircraft.

Top Gun 2019 Report was presented by **Mark Franke, Charlie Koustenis,** and **Ken Bassett**. The event was held in Lakeland, Florida during the first week in May. Participation is by invitation only. **Ken, Mark** and **Charlie** spoke extensively about what they saw as they their showed slides. In addition to Top Gun, they also described their side visit to the Weeks Air Museum, which has a very large number of flying aircraft and a great many interesting fixed exhibits of aircraft and related objects.

Vintage Radio Control Society- **Jon Pruett** asked if there are any members interested in forming a special interest group as a subset of the Vintage Radio Control Society, which is a special interest group of the AMA. There are three general categories of model aircraft which can be flown in Vintage Radio Control Society events: Pioneer Class, which are models designed and published or kitted in 1955 or prior, Classic Class for models designed and



June Meeting Minutes

Provided by Carl Hampton and John Roach

and published between 1955 and 1965, and Nostalgia class, which is for models designed and kitted or published more than 35 years ago.

NVRC News – The first recorded flight of a radio controlled model airplane occurred 83 years ago. Horizon has a new trainer costing approximately \$200. It runs on a 3S 2200 battery. Top-Flite has several different ready to cover planes in an 85 inch wingspan costing approximately \$700 each. Hanger 9 is now selling a 110 inch wingspan Timber for approximately \$700. E-Flite has a new Carbon Cub costing approximately \$400. It is bind and fly with a 2.1 m wingspan. Freewing has a new F-35 powered by 70 mm EDF and an L-39 powered by an 80 mm EDF. The price point on these two models is approximately \$330. Freewing also has a new FA-18 Hornet running on a 90 mm fan that costs approximately \$380. Old-School Model Works has a Javelin 60 inch span laser cut kit for \$150. Manzano Laser Works has a new Hawker Hind scale biplane kit available.

Flite Test has a new P-40 plane priced at \$40 for the precut foam for version. They also offer a printed skin for this model for \$24

A second mystery plane was presented: the Grumman Gulf Hawk 4.



The Grumman Gulf Hawk 4



June Meeting Minutes

Provided by Carl Hampton and John Roach

Upcoming Events - 22 June is the date of the FARM Club's semi- annual Float Fly. A giant scale fly-in will be held at Lorton on 23 June. This flying contest will be judged by onlookers and will allow any style of flying. There will also be a static show and raffle at the fly-in. Other upcoming events include: Streamer Combat on July 13, a Multi-GP event on 14 July, our next club meeting 18 July, Pylon Racing 21 July, and our Biplane Fun Fly 10 August. The Fun Fly competition components include taxi proficiency, loops, rolls, touch and go, spins and a spot landing.

Warbirds over Delaware is scheduled for 10-14 July. It was asked whether any club members would be interested in making a trip to the Virginia Beach plane Museum in October. If so, chat with Bob Burnett if you are interested. The Flight Fest in Ohio event will be held 11-14 July in Malvern, OH. The Edgewater Airpark FPV Festival is 1 August

Show and Tell – Returning NVRC member, **Dave Bardash**, showed his Sig Kiwi that he built in 1992. It is powered by a Super Tiger 40. **Jon Pruett** showed his Dreamweaver Biplane, powered by a UP- 32 electric motor. It is set up with a slide out tray that holds its prop, motor, and speed control. This kit was supposed to come in at a weight of 4 ½ pounds. Its actual all up weight was 3.6 pounds. No wonder **Jon** hid it in the shed during the Streamer Combat event!



Tucked away during the combat!

The 50-50 was won by **Bob Burnett**. The meeting closed at 9:05 PM.

Editor's Corner: Flite Fest 2019

By Carl Lydick

Hello Fellow RC Fanatics!

As happens too often let me lead off by apologizing for the delay in releasing this newsletter. Many of you know I've been in the midst of a career change (I know I shouldn't let reality impact my hobbies, but it can be quite persistent!). I was also frantically preparing for my annual pilgrimage to Ohio and the Flite Fest event. This year did not disappoint. Although myself and the other volunteers worked long hours in the sun (and rain) the event went great! This event is unique in that there are huge numbers of young and beginner pilots as well as what we affectionately call "sketchy" builds. The kinds of planes that are only built for full contact combat and only fly once or twice.

One of the pilots and builders who I met through Flite Fest and have become good friends with is Ben Harber, a modeler who travels from California to Ohio each year to join us at Flite Fest. I want to take a moment to introduce you to Ben's work if you

haven't seen it before. Like most Flite Test modelers his medium of choice is foamboard, but Ben brings something special to his designs. In his "Real" life Ben is an aerospace engineer with Boeing. While much of his work is shrouded in secrecy, it should suffice to say that Ben is talented at making things fly, and fly well! While many of Ben's models retain the Flite Test Folded Foam look, they are carefully considered and designed to maximize performance.

Many of Ben's models are EDF Jets, a platform that is under-represented in foam board models. His A-4, F-16, and F-18 models fly with an authority and presence that many ARF EDFs lack, and are well thought out builds that most modelers can build. Occasionally he takes a step back from screaming EDFs and builds something more "traditional".



Ben Harber and one of his EDF designs. This is a 70mm Viper that flies as well as any ARF I've seen

Editor's Corner: Flite Fest 2019

By Carl Lydick

Ben has recently designed a pair of popular prop planes that also deserve your attention. Flite Test recently released a speed build kit and plans for Ben's Mini Cessna 150, branded as the FT Commuter. The design flies beautifully, and Ben scaled it WAY up to build a big version to honor his grandfather Al, the man who taught Ben to fly!



Ben, his father, and Flite Test's own Josh Bixler show off "Big Al's" Cessna

He has also been working on a PT-17 Stearman design that I have fallen in love with. When I saw Ben's teaser video for this model I knew I needed one, and Ben was kind enough to provide me with a copy of the unreleased plans that I could build from before Flite Fest. I cut it pretty close, but I showed up with a 180%, 72" span version of his Stearman and we enjoyed flying them together.



Ben and I with a pair of his PT-17 Stearmans. Both versions look and fly great!

Not all of Ben's prop planes are docile and lazy fliers. The speed bug has taken a big bite out of Ben, and he has a few blistering designs that leave most of us pilots scratching our heads as to how he can even see them. He and well known free-flight and rocket plane pilot Joshua Finn have pushed each other into crazy fast models, pushing foamboard where few others have gone. In the past we've sat around a camp fire running numbers and found that one of Ben's models, the appropriately named "Angry Bee", has a Wing Cube Loading significantly higher than the Space Shuttle. This year Ben's "Yellow Jacket" flew hard and fast, but ultimately suffered a failure and was unrecoverable. There is always next year!

Editor's Corner: Flite Fest 2019

By Carl Lydick

Finally, while most of Ben's designs are what we would consider "normal" in size, he often delves into BIG models built specifically to meet a challenge.

A few years back Ben decided to tackle a large scale XB-70 Valkyrie project. This model went through 2 revisions and actually flew! (although it did live a short life as a low speed downwind turn induced a stall).



More recently Ben has been playing with a design for a B-52 with a 7ft wingspan. His design used quad motors running small 4 blade props installed in 3D printed ducts, providing him with a low cost alternative to EDFs, and the model flies great! So great, in fact, that at Flite Fest 2019 Ben decided to go BIG. A 17' span version of the model was built in **less than 4 DAYS** during the event.



The model flew beautifully, gracefully lifting off and touching down for 2 flights at the event! It was one of the highlights of the event and something everyone who attended will remember for a LONG time!



Editor's Corner: Flite Fest 2019

By Carl Lydick

In short I think Ben is a modeler worth keeping an eye on. I'm including below a few links to Ben's various projects. If you have any interest in building Foam Board models that look and fly great I suggest you keep an eye on what Ben is up to. It is never boring, I assure you!

 [YouTube Ben's YouTube Channel](#)

 [YouTube Ben's BIG B-52 Flight](#)



[Ben's XB-70 Build Thread](#)

 [YouTube Ben's XB-70 Flight](#)



Until next time I look forward to seeing all my NVRC friends at the field. I'll have Ben's Stearman at the club meeting this month so everyone there will get to see her fly!

I promise you won't have to wait 2 weeks for the July newsletter!

See you at the field!

-Carl Lydick-