

President:  
**Dale Gathman**  
[president@foxvalleyaero.com](mailto:president@foxvalleyaero.com)

Vice President:  
**Dave Murray**  
[vicepresident@foxvalleyaero.com](mailto:vicepresident@foxvalleyaero.com)

Secretary:  
**Debbie Howe**  
[secretary@foxvalleyaero.com](mailto:secretary@foxvalleyaero.com)

Treasurer:  
**Paul Jacobs**  
[treasurer@foxvalleyaero.com](mailto:treasurer@foxvalleyaero.com)

Flypaper Editor:  
**Susan Galle**  
[newsletter@foxvalleyaero.com](mailto:newsletter@foxvalleyaero.com)

AMA Gold Leader Club

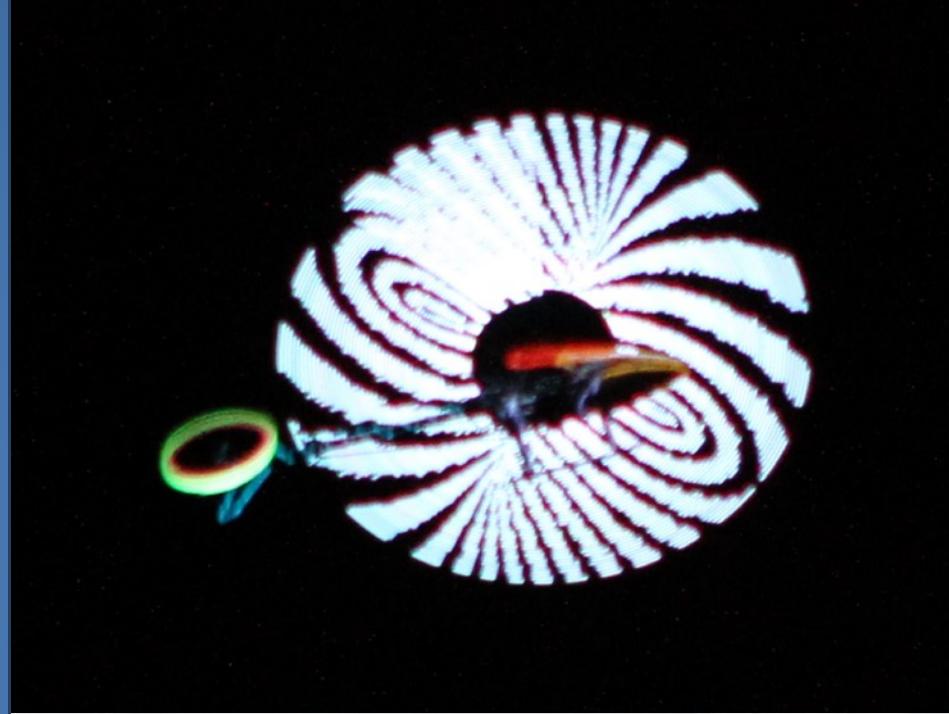
Academy of Model Aeronautics  
Charter Club #252



# Fox Valley Aero Club

## Flypaper

September 2017



# PRESIDENT'S MESSAGE

Dale Gathman

[president@foxvalleyaero.com](mailto:president@foxvalleyaero.com)



**What a great Warbird & Classics season.** I had a great time at the Warbirds & Classics over the Midwest event up in Fond du Lac, Wisconsin. It started out on

Thursday, Aug. 18, with an extremely windy day. I didn't have the confidence to try flying that day, but got my planes set up for the remainder of the event and talked to the other pilots there. A few had the nerve to fly, and did a great job (even some of the WWI biplane pilots). The following Friday and Saturday were great weather, and the event was a huge success. I even stayed for Sunday, which was an open fly with no type or size restrictions. All together I got eight flights in, and had a fun, relaxing time. It is nice to go to an event where I have no assigned responsibilities. The Fond du Lac Aeromodelers are fantastic people (this is the club Carl Bachhuber is a member of), and I plan to attend every year.

**Cub Fly and Night Fly.** Wow, I hope you were able to attend our annual Cub Fly this year. This is the first time that we had an open sanctioned Cub Fly which we held on Saturday, August 12, and visiting pilots from two other clubs joined our pilots for the fun. All in all we had 25 pilots attend, and 40 Cubs total. This breaks our record by a good margin. I look forward to next year, and maybe we can try for 50 Cubs. Thanks to Tom Flint and Cliff Fullhart for coordinating this event and Jeff Peca for being the CD. All this fun was followed by

a Night Fly, which started around 7:00 pm. I believe we had 15 pilots register for that, which is also a great turnout, along with dozens of spectators. Thanks to Jeff Peca for coordinating and being the CD for this event. Also thanks to all of the volunteers who helped out at both of these events. Our event coordinators and club members did a great job of getting the word out. I look forward to having these two events grow every year.

**Festival of Flight.** By the time you read this the Festival will be in the History books. The Team is busily working on the preparations, and we are looking forward to another great event.

**New Permanent Field Boundaries.** At our August meeting the board voted to make the first berm east of the field the new permanent flight envelope east boundary. What this means is that we all must stay on our side of the gun range at all times, not just when the gun range is active. This berm line also extends north and south as far as you can see, so we must not fly behind (south of) the gun range at any time. This new boundary is effective immediately. This change is needed to keep us well and clear of the 911 center, as we have had multiple complaints from them this year. I appreciate and expect your cooperation with this new boundary. We are in the process of revising the Field Rules to include this new boundary, as well as clarifying our stance on visitors flying on a buddy box setup. We will have the revision out as soon as possible. In the meantime, there will be many members who do not read this or attend our meetings, so please explain the new boundary (nicely) to your fellow members who haven't heard of this change yet.

**Don't forget.** Our last Fun Fly (Bomb Drop w/Spot Landing) is coming up on October 7, and our always well attended Turkey Fry is coming up on October 15. Also, remember that the remainder of our meetings for this year will be at the St. Charles Township Offices on Dean Street.

And again, remember Camaraderie - Introduce yourself to someone at the field that you don't know.

Happy Flying, Building, and Repairing!  
Dale

## FROM THE SECRETARY

**Debbie Howe**  
[Secretary@foxvalleyaero.com](mailto:Secretary@foxvalleyaero.com)

Fox Valley Aero Club - Member Meeting Minutes

August 10, 2017 @ FVAC Field



**President Dale Gathman** called the meeting to order at 7:37pm  
**Secretary Debbie Howe** asked for a motion to approve the

meeting minutes from our July meeting, a motion was made by **Alvin Cole** and seconded by **Jeff Peca**, all approved. **Dale Gathman** did the treasurers report since **Paul Jacobs** is having surgery. Dale said the checking account is in good shape. It has come up from last meeting due to 5 new members so we are at 188 members and we are hoping to hit 190 by the end of the year. We all wish Paul well with his surgery.

Next up **Alvin Cole** showed his Die Cast Model of air force one as a diversionary tactic to introduce the arrival of the F-14 escorting Air Force One.

**Jim Thompson** showed **Alvin Cole** the new Wind Rider 737 custom built and painted by **Jim Thompson** and decals by Callie Graphics. It is running on two 70mm fans with 14 blades. Weight is 7.5 lbs. ready to fly.

Safety Chairman **Jeff Peca** showed everyone where the first aid kit is and reminded everyone to let Jeff know what was used so that he can restock the kit.

**Dale Gathman** asked for new members. **Peter Hughes** is a new member and is joining us tonight and just learning from **Dan Compton**. Welcome Peter!

**Greg Jaken** is another new member that came out tonight, he has been flying out at gilberts with Elgin R/C and says he likes our field and has been flying for about 18 years. Welcome Greg!

Field Chairman **Mark Knoppkie** said he will get road reflectors out for our night fly and that we would be painting the wood boards at the end of the shed and the fascia. One member volunteered ladders to be able to get to the top of the peak, (sorry don't have name of that member)

**Todd Culbertson**, our customer relations chairman, made us aware that the reversal of the FAA rules we can fill out a form and ask for a removal from the FAA list and we no longer need to put our FAA number on planes.

**Dale** said that no one missed getting the fly paper, it was just running a little late. Susan has been on vacation and will get it out as soon as she can now that she has returned but this delay has also been a benefit so that it has given Dale a chance to get some of the pictures from Warbirds and Classics events to her to be included so it works out well for all.

**Dale Gathman** said we have been contacted by the 911 center on July 31st. They were asking us to remind our members that **the gun range and the 911 center is a no fly zone**. They also stated on a first call they got that there was a jet flying over the gun range and on another call the following day they said there were more people doing the same. Dale replied, thanking them for calling and letting them know that flying from the car is absolutely not allowed at our club and that in the past the officer had told us we were allowed to fly over the gun range when not in use. The 911 center said that their main concern was if someone flying over the gun range goes a little wide they will be over the 911 center and they are worried about their radio tower, and the grave problems it would cause if that tower were knocked out. A new rule was made that on the east side of the field the west berm is our flight plan limit. If we see other members over-flying the berm, please be nice but let the pilots know to

abide by the flight limits. A sign should be put up on the fence. One of the issues with the gun range is that on certification days each officer has to do a certain number of shots on the targets and the problem is not the shooters - it is the judges not being able to hear the number of shots fired over the airplane noise. There was a suggestion made by **Jeff Peca** to ban jets flying on the days that the range is doing this and **Dave Murray** said that would not be a problem. **Dale Gathman** was going to contact the range and try to get a schedule of those days. The discussion went on that it was not just the jets but also the large IMAC planes, planes with loud engines and planes with props going sonic. So please be respectful, and know that if the flag is up and they are doing testing, **No Loud Planes Will Fly During That Time.**

**Tom Flint** wrote an article for the Daily Herald about our Cub Fly and Night Fly events on Saturday. Tom said the cub fly is coming and other clubs have said some of the junior members will be coming. There will be a \$10 landing fee that will include a pizza lunch. Tom said there will be some fun events for things like spot landing and crabbing as well as a circle of death flight. Event registration starts at 8:30 flying at 9am.

**Jeff Peca** was up next with information on the night fly that directly follows our cub fly. Jeff said he has told the pilots that they are welcome to come out while it is still light to get a feel for the field. There will be a \$5 landing fee and that will include a hot dog cook out and each pilot will get a raffle ticket for a chance to win a hobby king fly beam. The plane was donated by **Bob and Lynn Littlefield**. Tickets will also be sold for 2 tickets for \$5 the night of the event and drawing will be at midnight. The same day is National Model Aviation Day and it has been said that any profit from the event would go as a donation to the AMA Foundation and we will also have a bucket for donations as well.

**Pete Regnier** was next up with a show & tell poster from the 1972 national model airplane championships in Glenview Illinois.

**Dave Murray** was up next showing his BBM F-18 which has a 36lb thrust turbine. It has a brain in it that senses if the air pressure gets low, it automatically lowers the gear or if the battery gets

low it starts blinking the lights on it. He flew it at Kentucky Jets and said it can be out of the box and flown within one night. Everything is already in it as it comes, fuel tank, servos, lights and LED for the after burn etc. Happy Retirement Present. This is sold for \$5600 but without the turbine. Very Cool!

**Tom Spriet** showed us his early birthday gift from his wife. A Convergence by E-Flite vertical flight take off with 3 fans can fly like a helicopter and once put in forward flight mode, the motors incrementally go forward and then all the way down. Tom said it has a crazy switch which he did not use yet but he did maiden it tonight and it really cooks. Hopefully we will hear more once he plays with it a little more.

**A tip** was made that when you are trying to work with those tiny screw heads, put your screw driver in a bit of valve grinding compound and your screw driver will not slip off the tiny screws.

**Jim Thompson** said we need help for our Festival of Flight and the sign-in sheet will be up in front. We are going to limit the flight time to give the whole group a chance to fly. The event is open to all AMA pilots. We will be doing like airplane flying at one time.

**Dale Gathman** also mentioned to please be aware if we have new pilots with small foam planes or just pilots that are scared to fly with the big fast planes, be aware and make time for them to get flights in where they do not need to be intimidated by the big fast planes.

Christmas Party Chairman, **Debbie Howe** said that Paul will be sending our down payment for the Hilton Garden for December 1st so **SAVE THE DATE**. More info will be coming out as we get closer to the event.

**Mark Knoppkie** said that last year he had won a stay at the Hilton Garden and said it was very nice and his wife was very happy with it and they thanked them upon leaving and had a wonderful time.

**Jeff Peca** said that July 22nd we had a fun fly and the event was the whiffle ball touch and go and everyone had a great time and a special thanks to our judges for the day.

A motion was made to adjourn by **Tom Flint** and seconded by **Tom Flint** and all approved.

Respectfully Submitted  
Debbie Howe - Secretary

## FROM OUR SAFETY CHAIRMAN

**Jeff Peca**

[safety@foxvalleyaero.com](mailto:safety@foxvalleyaero.com)



Following the 4th Annual Carousel of Cubs on Saturday August 12, we had our 2nd Annual Sanctioned Night Fly at the FVAC flying field. We could not have asked for any better weather. We had 24 registered pilots fill the sky with planes for most of the night. The bleachers were filled with

spectators that really enjoyed the show. We all enjoyed a twilight BBQ that included hotdogs, chips, pasta salad and watermelon - and for desert we had cookies and homemade brownies. The highlight, without a doubt, had to be when our own Jason Flowers wowed everyone with his night flying helicopter. Now I have seen night flying helicopters in the past but the show that Jason put on was like nothing I have seen before. Not only did he demonstrate some fantastic flying skills but he left everyone amazed when the rotor disk on his helicopter started displaying color images, including images like a heart, batman symbol and of course, our club logo. When Jason completed his flight he received some well deserved applause. It was by far the highlight of the event. This year, as an incentive to get more pilots interested in Night Flying we raffled off a Hobby King PNP Flybeam donated by Bob and Lynn Littlefield. Based on the turn out I think we succeeded. The winner of the raffle was Armin

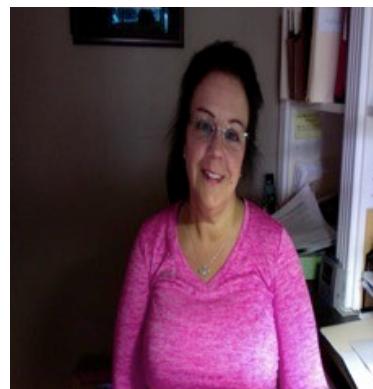
Weber. Congratulations!

Each year we hope the event continues to grow. We had several pilots from other clubs this year and we hope they bring some friends next year. Events like this are only possible because of the donations of time and goods of our members. Among them the Littlefields for the Flybeam raffle prize, Orvil Fluharty for the hotdogs and buns, Hilary and Tom Bean for the pasta salad, Jesse and Scott Stampfli for the watermelon and Kathi and Armin Weber for the Brownies. And of course, thank you to everyone who helped with set-up chores like registration and lighting. Great job.

## FROM OUR EDITOR

**Susan Galle**

[newsletter@foxvalleyaero.com](mailto:newsletter@foxvalleyaero.com)



When Labor day hits, it always reminds me that summer is fading away quickly and our days will get shorter and unfortunately colder too (*both of which I am not a fan of*) however, when you have a hobby and belong to a club, it just seems that both these things don't seem to

matter because hubby has a sign that I really love which says "*I don't always know where I'm going, but I know I'm always going to have fun.*" That to me, about sums it up and I couldn't have said it better - it shines light on an otherwise dreary and long winter too but doesn't change the fact that depending on what you did this summer to your planes, now you have allllllllll winter to repair, replace and fix whatever is wrong with your planes. On a brighter note, there are still some fun things to do in our club - the festival of flight is coming up (*one of my faves*), the turkey fry (*always scrumptious because we have some fabulous cooks and bakers in our midst*) and some other events which I know we are all looking forward to. For me, it is and will continue

to be how can I continue to make the newsletter interesting, intriguing, funny and something to look forward to - so trust me, the wheels in my head are always spinning as I try to come up with stuff that you will enjoy reading and I have gotten a lot of positive comments from our members that you are enjoying the paper - that makes me feel all warm and fuzzy inside and I am very happy that you are still enjoying whatever little tidbits, info, and other things I can think of to add into this paper as well. Again, as always, if there is something that I have missed or something else you would like to see or if you have an idea, please feel free to share it with me as I will do my best to include them in the next edition.

Something new I thought of and I think it might be helpful (esp. to our new pilots who are just getting into the hobby) are: TIPS regarding our hobby so here for your perusing enjoyment are some. I was also able to walk around at the Festival of Flight and talk to a lot of the guys and got some other tips as well. I will include those in upcoming issues. For now, here are some "How To" tips:

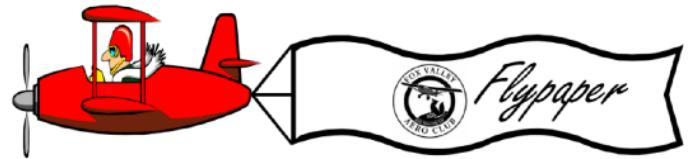
#### - Installing Blind Nuts;

Here's an easy way to avoid frustration when doing this esp. in areas where you cannot reach, such as inside the nose of the airplane. Insert a threaded rod matching the thread of your blind nut through the hole from the outside. Thread the nut a little way onto the rod and then pull the rod out so that the blind nut is at the hole.

Thread a washer and a nut from the outside of the airplane and tighten it down while holding the rod to keep it from turning. The nut pulls the blind nut into the hole and seats it. Then loosen the nut and remove the rod. That's it you're done

(and of course, I have to give credit, where credit is due from the RC pilot who shared this - David Lutzow) - I got this from Model Aviation in their "How To" issue (July 2017) which of course, can be referenced from the AMA and you can see for yourself. But I thought this one might be esp. helpful since certain planes seem to have a lot of these areas.

That's all for now,  
Susan



**Newton's Law states that what goes up, must come down. Our Company Commander's Law states that what goes up and comes down had damn well better be able to go back up again.**

— sign in the Operations Office of the 187th Assault Helicopter Company, Tay Ninh, Viet Nam, 1971.

The strength of the turbulence is directly proportional to the temperature of your coffee.

— Gunter's Second Law of Air Travel

Nothing said I had to crash.

— R. A. 'Bob' Hoover, after hitting a telephone wire and losing two feet of wing in his P-51.

In the Alaska bush I'd rather have a two hour bladder and three hours of gas than vice versa.

— Kurt Wien

If helicopters are so safe, how come there are no vintage/classic helicopter fly-ins?

— Anonymous

## **SPECIAL MENTION: FROM JOHN**

**FISCHER: (See Spitfire below)**

### **FINISHING TECHNIQUE:**

1. Glass as described earlier
2. Primer- Rustoleum automotive rattle can or an automotive primer
  - a. 1 coat- wet sand to determine imperfections- 400 grit
  - b. re-coat and sand as necessary
  - c. Panel lines
    1. 1/64th drafting tape
    2. Apply using scale documentation
    3. Apply primer coat heavy around tape
    4. pull tape before primer dries
    5. Lightly wet sand- 800 grit
  - d. Canopy- use liquid masking film use 3 coats
  - e. Rivets
    1. 3/32 sharpened brass tube
    2. Chuck it into a wood burning tool plugged into a rheostat.
    3. Adjust rheostat for appropriate temp
    4. 1/5th scale burn every 1/4th inch
    5. Raised Rivets: yellow glue use stylus to apply
  3. Wet sand 800 grit paper
  4. Color Coat
    - a. Match colors Home Depot- Behr Latex Premium Plus 8 oz sample
    - b. Add 15 ml Floetrol per 8oz paint.
    - c. Mix 2:1 paint to windshield washer solvent
    - d. shoot at 30lbs with jam gun and or air brush
    - e. Tape hard lines using yellow Frog Tape
  5. Wet sand 1200 grit paper- be very gentle
  6. Dry Transfer
    - a. Aeroloft designs
    - b. Clean plane with alcohol lightly sprayed on rag then wipe off
    - c. Burnish transfer onto plane using heat gun sparingly
  7. Weathering
    - a. Wash- Vallejo product to be found at Hobbytown
    - b. I used European Dust wash.
    - c. Apply liberally with a chip brush let dry.
    - d. Add water to a rag and wipe most of it off until you get the desired look.
    - e. Apply other weathering products: Engine soot, rain marks, fuel spill etc.
  8. Let dry 1 to 2 weeks
  9. Clear
    - a. PPG automotive flat clear Fox Valley Paint
    - b. Shoot 40 lbs; mix 6:1:1, clear, hardener, reducer.
    - c. Clean model with alcohol spray on rag lightly then wipe it off
    - d. Dust Coat over dry transfers
    - e. Follow with 2 medium coats, let dry about an hour between coats
    - f. Fully cured in about 24 hours
  10. Admire your latest work of art!









## 2017 Fox Valley Aero Club Calendar of Events

January 1	<b>Fun-Fly — <i>Frozen Fingers</i></b>	10:00 am FVAC Field
January 12	FVAC Member Mtg	7:30 Regular at Township Hall
February 9	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
February 18	<b>FVAC Annual Swap Meet</b>	9:00-1:00 Kane County Fair Grounds
March 9	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
April 13	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
April 15	<b>Field Work Day</b>	9:00 am FVAC Field
April 22	<b>Tree Line/Berm Orientation Day</b>	9:00 am – 1:00 pm - FVAC Field
May 11	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
May 20	<b>Fun-Fly —#1 Climb &amp; Glide</b>	1:00-3:00 FVAC Field
May 29	<b>St. Charles Memorial Day Parade</b>	Time TBD
June 3	<b>Rocket Fest &amp; Kids Fly</b>	FVAC Field
June 4	<b>Pig Roast &amp; Fun-Fly</b>	FVAC Field
June 8	FVAC Member Mtg	6:30 Board, 7:30 Regular at FVAC Field
June 9	<b>2017 Media Day</b>	9:00 am – 3:00 pm - FVAC Field
June 22-24	<b>2017 Windy City Warbirds &amp; Classics</b>	FVAC Field
June 25	<b>Open Fly – All Scale</b>	FVAC Field
July 13	<b>Retro Fly</b> FVAC Member Mtg	2:00 pm at FVAC Field
July 13	FVAC Member Mtg.	6:30 Board, 7:30 Regular at FVAC Field
July 22	<b>Fun-Fly – #2 Whiffle Ball Touch &amp; Go</b>	1:00-3:00 FVAC Field
August 10	FVAC Member Mtg	6:30 Board, 7:30 Regular at FVAC Field
August 12	<b>Cub Fly – AMA Sanctioned - Open</b>	9:00 am – 8:00 pm - FVAC Field
August 12	<b>Night Fly – AMA Sanctioned - Open</b>	8:00 pm – Midnight - FVAC Field
September 9	<b>Festival of Flight</b>	FVAC Field
September 14	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
September 16	<b>Night Fly</b>	9:00 pm FVAC Field
October 7	<b>Fun-Fly #3 - Bomb Drop w/Spot Landing</b>	1:00 - 3:00 FVAC Field
October 12	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
October 15	<b>Turkey Fry</b>	FVAC Field
November 9	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
December 1	<b>Annual Christmas Party</b>	6:00 Hilton Garden Inn - St. Charles
December 7	<b>Rookies Christmas Party</b>	<b>6:30 Rookies Sports Bar &amp; Grill-St. Charles</b>

Revision 04-25-2017

The scientific theory I like best is that the rings of Saturn are composed entirely of lost airline luggage.

— Mark Russell

*Henry Jones: I didn't know you could fly a plane.*

*Indiana: Fly yes... land no.*

— Harrison Ford, in the 1989 movie Indiana Jones and the Last Crusade.



The Flypaper is a monthly publication of:

The Fox Valley Aero Club

P.O. Box 837

St. Charles, IL 60174-0837

[www.foxvalleyaero.com](http://www.foxvalleyaero.com)

An Illinois not-for-profit Corporation

*The viewpoints in this newsletter are solely those of the individual authors. They may not necessarily represent those of the Editor, Officers, Board or Membership of the Fox Valley Aero Club.*



Jeremy Dale



HobbyTown USA

HobbyTown USA  
2061A Lincoln Highway, St. Charles, IL 60174

Interested in joining our club?? Go to [foxvalleyaero.com](http://foxvalleyaero.com) and download the FVAC New Membership Form.