



Fox Valley Aero Club

Flypaper

April 2019

President:

Dale Gathman

president@foxvalleyaero.com

Vice President:

Dave Murray

vicepresident@foxvalleyaero.com

Secretary:

Debbie Howe

secretary@foxvalleyaero.com

Treasurer:

Paul Jacobs

treasurer@foxvalleyaero.com

Flypaper Editor:

Susan Galle

newsletter@foxvalleyaero.com

AMA Gold Leader Club

Academy of Model Aeronautics

Charter Club #252



PRESIDENT'S MESSAGE

Dale Gathman

president@foxvalleyaero.com



Paul Jacobs.

Paul is foremost on my mind as I write this column. He has been the club treasurer for 13 years and has done so much for the club. It was a very sad day when

he called and let me know that he had pancreatic cancer. Please keep Paul and Dorie in your thoughts and prayers. Paul is a tough guy, and if anyone can beat this, he can. But he still has to go through a lengthy round of Chemo treatments, and that will take strength and resolve. Let us all offer Paul encouragement and support as he takes this journey. I know that he plans on flying as much as possible, so we should be seeing him at the field more often. Paul, you mean so much to the FVAC, and we are pulling for you.

Field Work Day. Spring is here, and as we always do we will be having our Field Work Day - this year on Saturday, April 20. We will be starting at 9:00 am, and I encourage all our members to come to the field and lend a hand. We always have a good selection of tasks to do, and any talent you have will be put to good use. This is our chance to spruce everything up for the flying season. Karl will be sending out a reminder email a few days before the workday, with a list of tools that we can bring. *Note: The field will be closed to flying until the work is done, so the sooner we get done, the sooner we can get in the air.*

Tree Line/Berm Orientation Day.

Saturday, May 4 from 9:00 am – 1:00 pm, we will have a field orientation day. The

plan is to have volunteers posted at the gun range berm, and also at the first tree-line to the west. We will have radios, and will be able to let you know when you are at the berm or at the tree-line. This is a great opportunity for all of us to see what our planes look like when they are at the field boundaries. Please make every effort to attend and get in a flight or two. You may also want to bring a few different size planes to see what different planes look like when at the boundaries.

Hope to see you at the April Member Meeting on the 11th, and please bring your winter projects to show to the group.

Dale

FROM OUR SECRETARY

Debbie Howe

Secretary@foxvalleyaero.com

Fox Valley Aero Club - Member Meeting Minutes

March 14, 2019 @ St Charles Township Hall



President Dale Gathman welcomed everyone, thanked everyone for coming and reminded everyone when you are talking please state your name so that we can credit everyone in the meeting minutes.

Secretary Debbie Howe asked for a motion to approve the February Member Meeting Minutes, a motion was made by **Sal Perno** and seconded by **Bill Suhr**, all approved.

Safety Chairman Jeff Peca and **Dale Gathman** let the membership know that the board has passed the change to the rule 17 to read *“This rectangular pattern will have minimum east and west boundaries of the far edge of the east west taxiways. Pilots must fly parallel to the runway whenever they are inside of these minimum boundaries, when two or more planes are in the air”* Jeff also reminded everyone that the best way to avoid problems is to have a spotter. Jeff also reminded everyone about making sure everyone cycles their batteries and to go over their planes after sitting over the winter. **Mark Knoppkie** said that Radical R/C has a great article talking about cycling all the different battery chemistries.

President Dale Gathman said we would be letting the Norton Creek Stem Rocket Launch use the field on April 18 from 1pm-7pm. They will have a rain day on the 19th for the same hours.

John Turner was up next with the swap rundown of the swap income and he said we made a total income of \$5,635.47, with the breakdown being \$268 on the 50/50 raffle, \$2,005 at the gate, \$3,362.47 table rental, then the money we paid out was \$100 advertising, hall rental \$3,160, a bill is still expected for R/C flight deck fees but as of right now we had a profit of \$2,375.47, which appears to be the highest profit from any swap in the past. John thanked all who helped make the swap a success. John was able to talk to the fairgrounds and secure the same rate for next year as well. JT said that he and Joe are thinking about putting in the vender package for next year a free coffee or free soda so that it would encourage vendors to get something else to go with the coffee to help increase sales to our food vendor who did a great job. There has been some talk also about increasing the price of the wall tables as everyone seems to want them. We will talk about doing a club table again for next year, if anyone has any ideas please see JT or Joe anytime of the year. Great Job Joe Pedone and John “JT” Turner.

Membership Chairman Tony Bahowick thanked everyone for being members of such a great club. At this time about 1/3 of the membership have not paid dues. Tony has asked everyone to get their dues in, as this will stop him from having to send out an email to each member asking for dues payment. We were also reminded to get your FAA numbers to Paul.

Jim Thompson said that Callie Graphics has come up with a small plaque graphic that has the FAA number on it.

Field Chairman Karl Griesbaum said the field work day is scheduled for April 20th, with a rain date of the 27th. As of right now the plans are to clean the windows and floors on the pavilion, bring down the chairs and water seal the bleachers and belt sand the picnic tables that are peeling. We will be using a belt sander on the painted picnic tables and then putting a new coat of opaque sealer on them. We will be rolling the field that day as well and we will be getting some bricks delivered and will be redoing some of the starting tables. Karl also said he wanted to meet with Dale and Tom Flint to go over the shed fence plan, so that he can start getting quotes from companies for getting this done. We will be taking a list of volunteers for the field work day. That is the same day of the Suburban R/C Barnstormers Swap. We ask if you are going to the swap please do so early and then come out and help get our field ready for the season.

Fly Paper Editor Susan Galle is not here but everyone said it looked great, Great Job Susan

Kevin Hersey, got this Carl Goldberg Cub already framed up and he finished it, he put a Saito 65 4 stroke that had been sent away and rebuilt. It was covered in Olive Drab monocoat and as true with the era the invasion stripes were done by hand with a small brush. The insignias were from horizon hobby from decal kits that they sell and the ones on the fuse were from another sheet he ordered as well. The V and the other numbers on the tail were gotten at Hobby Lobby. Kevin said the cubs of the D-Day had these dinky tires on, before the whole balloon tires so he did put the smaller tires on to be more scale. He tinted the windows for about 10-12 hours in Rit dye for synthetic fibers. Nice Job Kevin!

Tom Flint brought a 95% complete parts helicopter a Blade CP. Tom said if you can use it feel free to take it. **Tony Bahowick** said that he would take it but wanted to make a donation to the club for it as he did not want to take it away from anyone else, who might want it more. **Alvin Cole** stepped up and said that he wanted it and then turned around and handed it to Tony and said here this is for you, no fee. A round of applause was had by all.

Jim Thompson brought a box up and said this was his project during recuperating from knee surgery over the winter, it is a wind rider 737, he said the United Airliner that he had took an unfortunate turn so he scrapped her and began this one. He is doing a South

West Airlines color scheme on this one. Jim showed everyone how he used some light weight spackle compound thinned out to slurry in order to fill all the foam lines and bumps and used it as a fill in and then sand before he did coats of polycrylic. He said he would be putting 70mm motors in there and will be switching over to magnetic removal of the nacelle so he can get to the motors easier. Jim said it was painted with water base enamel and minwax clear gloss. He does use foam rollers or foam brush. Jim showed us the parts that he has finished and they look great. He is working on the wings and fuse right now. There are so many decals on the plane that it will probably take about 3 weeks to put the decals on.

Jeff Mrachek was up next and brought his new 16SZ Futaba radio with touch screen interface that will handle 30 planes, after talking to Futaba they said the touch screen would also work in the winter just fine, Jeff said that this radio will hold 30 plane memory so he hopes he should not need to upgrade from there. Looks like fun!

Dale Gathman showed us the new Oratex covering and passed around a sample of it. Dale said it is about \$65 per 5 meter roll and they showed us the temps that you can work with. Made in Germany. Dale said it seems to be high temp usage, sticky as low as 194 degrees and will shrink at 266 degrees and high range would be 302 for shrinkage. The product will melt at 482 degrees. Someone in the back of the room said he heard they were still to come out with the Lozenge color scheme soon. Dale went over the prep directions and said that to use the product effectively on wood it should be smooth in order to get proper adhesion. Dale also showed us an ad for FormUFit, they are a company that makes all sorts of PVC connectors that are not the norm, and said these could be very handy for making airplane racks. The company sells them for use in securing furniture.

Dale asked if anyone was going to the Toledo show, if so could you please bring the save the date cards.

Alvin Cole showed his basement floor with the runway painted on his rug. Alvin assured everyone that don't worry if it is dark then it does have lights on it - very cool Alvin.

Dale said there was a vintage pilot fun fly in Beloit Wisconsin coming up, you have to be 62 or older, born prior to 6/15/1957 to fly, no judging, but they would

love to see some vintage aircraft. They have a 45x350 runway. \$10 landing fee.

Tom Flint was up next with an early version of the Hangar 9 cub. Tom said that when he opened up the box it had no interior so he built the interior, but it did have fabric covering. It also had no door, so he built that as well. Tom said it was very inconvenient as everything on the inside had to put in through the top. He put a scale tail wheel on it and put a pull pull system in with 4/40 rods. He has a G23 in it. Tom said he polished the windshield so much that it was perfectly clear(ok really he just did not have a windshield in it yet so that he can make things easier for setting up the inside workings). Tom said that he retrained his pilot that was in the previous cub and repurposed him in this one. Looks Great, It will be out for cub day.

Tom Flint also reminded everyone to BUY FROM HOBBYTOWN, Jeremy has been a great supporter of our club and a great friend to many of us. We want to make sure he is around for a long time. So if you need parts or planes or radios, shop local at Hobbytown.

Public Relations Chairman Tom Flint also said we are 90% sure we will have the AMA educational trailer at the Warbird event. This event has 5 flight stations that would be used to get both kids and adult involved in the hobby. WE HAVE PREPRINTED TICKETS AVAILABLE FOR THE WARBIRD EVENT, the tickets are 5 for \$20 some may have an extra ticket, but this is a great way to bring money back into the club and bring more people out to our event. Pass these out to family, friends, mailmen, co-workers, everyone!! Tom Flint also let everyone know that he was working with Jesse Kirsch from Channel 7 news and said that he and a member were working at setting up a full scale fly over with a T-6 and then Jesse would then come out and cover the event after doing the aerial fly by.

Dale Gathman said they had another Skype meeting for the WCWB. People can go to windycitywarbirds.com to register and Dale said we have 50 preregistered pilots again. We are hoping for another great year, if we can get Channel 7 out there we know what to expect for Saturday spectators again. **Jim Thompson** said that he is volunteering to co-chair again for the Festival of Flight and looked for **Katie Howe** to be the co-announcer.

A motion to adjourn was made by **Sal Perno** and seconded by **Mike Maciejewski**, all approved.

Fox Valley Aero Club Field Rules

Fox Valley Aero Club (FVAC) wishes to assure a safe, courteous and fun flying environment for its members, guests and spectators. We require that all member and guest pilots adhere to the following rules. Members failing to willfully comply with the rules will be subject to progressive discipline in accordance with the Club's Constitution. Guests failing to willfully comply with the rules will have their flight privileges immediately revoked. Everyone's cooperation and support is greatly appreciated.

1. The Fox Valley Aero Club flying field is open 24 hours a day for flight activity. All aircraft are permitted to fly from sunrise to sunset. Pilots with loud aircraft should be considerate of our neighbors and use discretion as to how early they start flying. If provided with appropriate on-board illumination, electric aircraft are also permitted to fly between sunset and sunrise.
2. To fly at the FVAC field, pilots must be a current FVAC member and must have in their possession a current AMA Adult or Youth membership card, and if a turbine pilot, a current AMA 'Turbine Waiver' endorsement. FVAC member pilots who do not have a current AMA membership are only permitted to fly on a buddy box with another FVAC pilot that has a current AMA membership. A 'Park Pilot Program' AMA membership is not sufficient to be eligible to fly at the FVAC field.
3. Guests that have a current AMA Adult or Youth membership are permitted to fly at the FVAC field if invited by and accompanied by a current FVAC member who has a current AMA Adult membership. Guests that do not have a current AMA Adult or Youth membership are permitted to fly at the FVAC field on a 'buddy box' if invited by a current FVAC member who has a current AMA Adult membership. The inviting member in this case must be the pilot in command using the buddy box setup. A guest may fly at the FVAC field for three days total, after which they are required to join the FVAC to maintain flying privileges at the FVAC field. FVAC members are allowed one guest flying at a time, as the guest must be under the FVAC member's direct supervision while they are flying (the FVAC member must spot for their guest). The FVAC member who invites a guest is responsible to insure that the guest is knowledgeable of and complies with the AMA safety code and the FVAC Field Rules including field procedures and restrictions. It is also recommended that the FVAC member perform a safety inspection of the guest's aircraft prior

to the first flight at our field. GUESTS ARE NOT PERMITTED TO FLY TURBINE POWERED AIRCRAFT AT THE FVAC FIELD EXCEPT AS FOLLOWS: Non FVAC member pilots who are current AMA Adult or Youth members, and have a current 'Turbine Waiver' endorsement if a turbine pilot, are welcome to fly at all AMA sanctioned and club events where there is an open invitation to guests.

4. Introductory Pilot Program – Student pilots who are enrolled as an AMA Introductory Pilot by one of the FVAC Introductory Pilot Instructors as well as student pilots who are already AMA members may fly at the FVAC field for 60 consecutive days starting from their first lesson as an Introductory or student Pilot. These student pilots must be under the close supervision of their FVAC Introductory Pilot Instructor. At the conclusion of the 60 day period, the student pilot is required to join the FVAC to maintain any further flying privileges at the FVAC field.
5. At all times, pilots shall adhere to the Academy of Model Aeronautics (AMA) Safety Code.
6. All pilots not utilizing 2.4 GHz radios shall obtain an appropriate frequency pin from the frequency box. Pilots shall not fly without the pin in their possession.
7. Pitting is to be done at a safe distance from the North edge of the taxiway. Pitting directly in front of the pavilion should be avoided. No models shall be started/energized within the confines of the pavilion at any time when the thrust generating implement is attached (propeller, rotor blades, fan).
8. Before maiden or re-maiden flight, all models shall undergo a thorough pre-flight inspection for airworthiness by the aircraft owner. Thereafter, aircraft owners shall perform a periodic inspection of their models to insure continued airworthiness. When the gun range is active (red flag posted) pilots performing a maiden or re-maiden flight of aircraft, equipment or software revision must take off to the west, and attempt to keep the flight pattern on the west half of the field until the aircraft proves to be in control and operating sufficiently for safe flight.
9. Engine tuning other than a brief high speed tweak, and all break-in running is not permitted in the pit area and shall occur only in the designated areas. All engine run-up shall be done with the aircraft restrained.
10. Pilots shall use extreme caution when taxiing in the pit area. Wind can cause an aircraft to weathervane and strike people or other models.
11. Pilots are expected to fly responsibly at all times. If at any time a person's safety or property is at risk, a pilot is expected to sacrifice their model to avoid causing injury or property damage.

12. All pilots must fly from behind the East-West safety nets. Standing in front of the safety nets while flying or spotting for a pilot is not permitted. Spotters are not required for everyday flying but pilots are encouraged to use one whenever possible.

13. Spotters shall be completely focused on their responsibilities. Spotters shall not use their cell phone or take pictures. They must be focused on all airborne traffic and communicating the status of other aircraft to their pilot.

14. All pilots shall call out to other pilots their intentions for take-off, touch-n-go, low pass and landing. Constant communication between pilots is key to avoiding collisions.

15. Take-off is permitted East/West from the paved runway or grass runway; from each taxiway facing in a southern direction and from the grass in a southern direction in front of the pilot stations. Landings are permitted only to the East/West on the paved runway or the grass runway.

16. Pilots shall operate their models within the flight envelope. The flight envelope is as follows:

North Boundary - The paved runway.

West Boundary - The first tree line to the West.

East Boundary - The west (closest) gun range berm.

South Boundary - There is no boundary line to the South; however, good judgment should be exercised not to go out too far.

17. Pilots who are flying without any other aircraft flying may set their own flight direction and pattern, including aerobatic routines. If two or more aircraft are flying at the same time, all pilots must fly a typical rectangular pattern with the direction down the runway set so that the aircraft are flying into the wind if possible. This rectangular pattern will have minimum east and west boundaries of the far edge of the east and west taxiways. Pilots must fly parallel to the runway whenever they are inside of these minimum boundaries. The direction will be indicated by the pattern direction arrow posted at the center of the flight station area. If agreed upon between the pilots flying the pattern and the aerobatic pilot, an aerobatic pilot may fly aerobatic routines that do not conform to the pattern being flown. These routines should be to the south and at a much higher altitude than the planes in the pattern being flown.

18. First Person View (FPV) flying with goggles is permitted only when the primary pilot is accompanied by another pilot with a current AMA Adult or Youth membership who is proficient at flying the FPV aircraft. The secondary pilot must act as the spotter for the primary pilot, and must maintain the aircraft within

his unaided line-of-sight at all times. If at any time, the primary pilot loses orientation, or the spotter sees that the aircraft is in danger of coming into contact with something that the primary pilot cannot see through the goggles, the spotter is responsible to take control of the aircraft immediately until the primary pilot can safely retake control. The two pilots may use either the 'buddy-box method' or the 'radio transfer method'.

19. Rotary Wing Aircraft pilots may elect to fly from one of the flight stations if able to comply with rules 12-17. If flying the pattern with multiple aircraft, it is very important that rotary wing pilots remain in the pattern while coming in to land. The rotary wing pilot should bring their aircraft down the runway while descending to a few feet of altitude, and then hover land. It is very important that these pilots let all other flying pilots know their intentions before landing, so the other pilots will know that the rotary wing aircraft will be hovering over the runway. **THE PREFERRED AREA FOR ROTARY WING AIRCRAFT TO FLY IN IS THE AREA NORTH OF THE EAST/WEST RUNWAY AND WEST OF THE PAVILION.** Rotary wing pilots who cannot maintain the pattern direction and approximate speed of other aircraft flying in the main flight area must instead use this Rotary Wing Flying Area. When flying in the Rotary Wing Flying Area, pilots need to be careful to stay North of the runway at all times. Fixed wing aircraft have priority over the main flight area at all times, as hovering aircraft pose a significant threat to fixed wing aircraft. Rotary Wing pilots who see fixed wing aircraft taking off must immediately enter the pattern or move to the Rotary Wing Flying Area.

20. Everyone at the field should help each other insure that the rules are being followed and that we have a safe, courteous and fun flying environment!

21. Dress Code - To maintain a family friendly atmosphere all FVAC members and visiting pilots must wear a shirt at all times when at the field.

22. Pets are welcome at the field under the following conditions:

- Pets must be leashed at all times and under control of someone, or the leash anchored as to restrict pet access to the area South of the fence line.
- Pets must be kept on the North side of the fence line.
- Pets are not allowed in the pavilion.
- Pet waste must be picked up and disposed of as soon as possible.

FROM OUR EDITOR

Susan Galle
editor@foxvalleyaero.com



I was also saddened to hear of what happened to Paul and potentially what he might have to go through as well - cancer is never easy to

swallow and I don't care what type of cancer it is, it's just the word itself that is very difficult and sad to have to hear or expect either. Please know Paul we are all pulling for you and will be throughout it all - stay strong and I hope you beat this. Having experienced cancer through a caregivers perspective, I will say it is definitely not easy. I am sending you and Dorie prayers of healing and strength during this difficult time.

Your faithful editor, Susan



Complexity

Pull stick up, plane goes up. Push stick down, plane goes down.
The buttons? They're there to impress the chicks.
Chicks are COMPLEX

USAF Heritage Formation, Edwards AFB, 2005;
F-117 Stealth Fighter, F-16D Fighting Falcons (Vipers), F-22A Raptor



'There are bold pilots, and old pilots, but very few old bold pilots.'
– 1930s Army Air Corps Sign



JUST RUN THE CREDIT CARD AGAIN

WE ALREADY PUMPED THE GAS

2019 Fox Valley Aero Club Calendar of Events

January 1	Fun-Fly — Frozen Fingers	10:00 am FVAC Field
January 10	FVAC Member Mtg	6:00 Board, 7:30 Member at Township Hall
February 14	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
February 16	FVAC Annual Swap Meet	9:00-1:00 Swap, 1:00-4:00 Indoor Foamy Fly Kane County Fair Grounds
March 14	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
April 11	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
April 18	Norton Creek Stem Rocket Launch	1:00-7:00 FVAC Field
April 19	NCS Rocket Launch (Rain Day)	1:00 - 7:00 FVAC Field
April 20	Field Work Day	9:00 am FVAC Field
May 4	Tree Line/Berm Orientation Day	9:00 am–1:00 pm - FVAC Field
May 9	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
May 18	Cub Scout Rocket Fest	9:00-12:00 FVAC Field
May 19	Fun-Fly —#1 - ?	1:00-3:00 FVAC Field
May 27	St. Charles Memorial Day Parade	Time TBD
May 31	2019 Media Day	9:00-3:00 FVAC Field
June 1	FVAC Cookout (formerly pig roast)	12:00 - FVAC Field
June 13	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
June 20-22	2019 Windy City Warbirds & Classics	FVAC Field
June 23	Open Fly – All Scale	FVAC Field
July 11	FVAC Member Mtg.	6:30 Board, 7:30 Member at FVAC Field
July 20	Fun-Fly – #2 - ???	1:00-3:00 FVAC Field
August 3	Cub Fly - AMA Sanctioned - Open Night Fly - AMA Sanctioned - Open	9:00-2:00 Cubs Only, 2:00 All - FVAC Field 8:00 pm - Midnight - FVAC Field
August 8	FVAC Member Mtg	6:30 Board, 7:30 Member at FVAC Field
August 10	Retro Fly	2:00 pm at FVAC Field
August 24	Family Fly Day	10:00 am – 3:00 pm - FVAC Field
September 7	Festival of Flight	FVAC Field
September 12	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
September 14	Tailgate Swap Meet	9:00 - 3:00 FVAC Field
September 21	Fun Fly #3 - ??	1:00-3:00 FVAC Field
September 28	Night Fly & Chili Dinner	7:00 pm FVAC Field
October 10	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
October 12	Turkey Fry	12:00 FVAC Field
November 14	FVAC Member Mtg	6:30 Board, 7:30 Member at Township Hall
December 6	Annual Christmas Party	6:00 Hilton Garden Inn - St. Charles
December 12	Rookies Christmas Party	7:00 Rookies Sports Bar & Grill-St. Charles

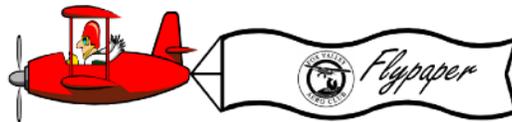
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Jeremy Dale



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



Interested in joining our club?? Go to foxvalleyaero.com and download the FVAC New Membership Form

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