

President:  
**Alvin Cole**  
president@foxvalleyaero.com

Vice President:  
**Dave Murray**  
vicepresident@foxvalleyaero.com

Secretary:  
**Dale Gathman**  
secretary@foxvalleyaero.com

Treasurer:  
**Paul Jacobs**  
treasurer@foxvalleyaero.com

Flypaper Editor:  
**Jason Boettcher**  
newsletter@foxvalleyaero.com



AMA Gold Leader Club



Academy of Model Aeronautics  
Charter Club #252

# Flypaper

May 2016  
**Fox Valley Aero Club**



In this issue:

<b>Field Work Day.....</b>	<b>page 15</b>
<b>Batavia Loyalty Day Parade.....</b>	<b>page 24</b>
<b>Shots From the Field.....</b>	<b>page 29</b>
<b>Updated Field Rules.....</b>	<b>page 33</b>

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

## PRESIDENT'S MESSAGE

**Alvin Cole**

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



### Flying season is finally here!

The world class field is prepped and ready thanks to the numerous volunteers during this year's work day. Thanks to Greg Bohler for stepping in to help organize the efforts. We all look forward to a safe and fun season at FVAC. Please plan as I have to support the upcoming events as well as getting lots of flights in this season.

See you at the field,

Alvin

*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.*

## TREASURER'S REPORT

**Paul Jacobs**

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

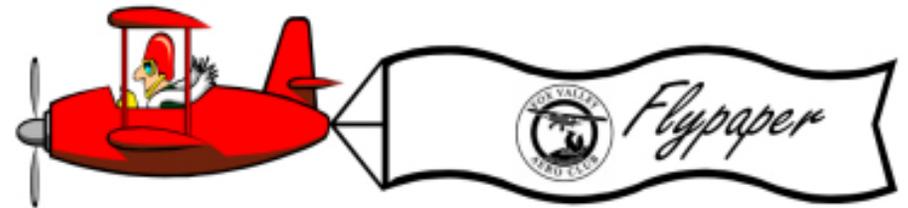


I'm still showing about 20 members that have not paid their 2016 dues and they will be dropped from the roster following the next meeting. Some of you have not yet paid your AMA dues and others have not sent in your FAA registration numbers as well. It is your responsibility to get this done so please take care of it today. In spite of this, the treasury is in good shape and on budget.

I thought I would share some history of the club as there are many new members that are not familiar with how our field came to be. Pictures are worth a thousand words so let's go back to 2005 and see how many of these guys you can recognize.

Until next month,

Paul







Paul Jacobs Submission





## SECRETARY'S REPORT

**Dale Gathman**  
secretary@foxvalleyaero.com

# Fox Valley Aero Club

### Member Meeting Minutes

**April 14, 2016**

**@ St. Charles Township Hall**

*Photos by Doug Swanson*

**President Alvin Cole** called the meeting to order at 7:42 pm and welcomed everyone.

### Retro Night Coordinator Doug Swanson

announced that we are going to put on a Retro Night this year on Thursday, July 14. The idea is for everyone to bring out their old equipment, sort of a 'blast from the past' and have some fun. Doug said that he has been in the club since 2009, but that he started in the hobby back in 1985 when he was in junior high. He started his retro equipment collection with a Futaba FG radio. He recently found one at our swap meet a couple of years ago and he purchased it. He never intended to use it, but just to put it on the shelf. He then started thinking that it would be cool to have the first radio model that he ever owned, which was a four channel Conquest 4NL. He was able to find one on EBay, and he purchased it. He then got to thinking that he would like to collect every model of radio that he had ever owned. He proceeded to collect them. Doug was also able to obtain a radio model like the one used in the Back to the Future movie. He showed these radios to the crowd. He then showed a couple of airplane models that he was able to collect, one that was the same model of plane that he first owned. He also displayed two engines that he found that are the same models that he used 'back in the day' (20FP and 25FP). Doug explained that this collection of items is what is retro to him, and that retro is a relative term to everyone based on how long they have been in the hobby. Doug plans on flying this stuff, and he thought it would be cool to have



*Doug Swanson Photo*

a retro night, where members bring out planes and equipment that is retro to them. Members are encouraged to bring out whatever they consider retro too. The only restrictions are that all radios must be narrow band certified if the member is planning to use it to fly on retro night. Retro night will start at 2:00 pm on Thursday, July 14, prior to our member meeting.



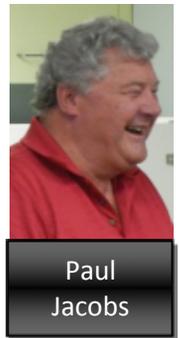
**Secretary Dale Gathman** asked for any additions or corrections to the March 10, 2016 Member Meeting Minutes. None were voiced so the minutes were accepted as presented.

**Treasurer Paul Jacobs** reported that the checkbook balance is in great shape.



*Doug Swanson Photo*

**Safety Chairman Jeff Peca** said that there was not much to say from a safety standpoint. He did remind that when using wood props we should check them periodically as they can loosen up. He also reminded everyone that we are holding a sanctioned Night Fly this year on August 13, which will allow members from clubs that fly in areas where night flying is not allowed the opportunity to join us, with the hope of attracting some new members. He ended by reminding the members to "Be safe out there".



*Doug Swanson Photo*

**President Alvin Cole** recommended that because **Mark Knoppkie** was not going to be able to attend the Field Workday this Saturday that we move it to two weeks from Saturday. Consensus from the crowd was that we leave it as scheduled, as the weather is projected to be great, and we need to get it done. Greg Bohler graciously volunteered to be there and oversee the day's projects in Mark's absence.



Mark  
Knoppkie

Doug  
Swanson  
Photo

**Field Chairman Mark Knoppkie** reported that during the workday this Saturday we will be replacing two of the field table tops with the new synthetic wood. **Dave Brustle** and **Tom Bean** have volunteered to do that. Mark also said that he needs a couple of volunteers to sink the missing flag pole sockets and cement them in. If the weather is good we will paint the pavilion roof. Tom Bean and Mark have already patched all of the large holes in the roof, and the paint, which is very viscous, should seal up all of the remaining holes which are smaller. The

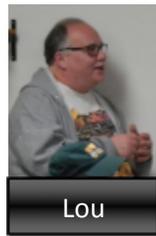
plan is to also move one fence post at the west fence opening to widen the opening. Mark then showed the new cornfield pennants which will be much easier to see as they are much larger. **Paul Jacobs** announced that all workers will be fed pizza for lunch, provided by the club.

**Membership Chairman Tony Bahowick** was absent. Alvin Cole asked if there were any new members present. A potential new member, **Lou**, introduced himself, and was welcomed by the group. Paul Jacobs also announced that we have a new member, **Jeffrey Antonelli**, who recently joined the club. He then reminded everyone that the 2016 club membership dues are due and requested that those who have not paid their dues yet to please do so as soon as possible. Alvin Cole reminded everyone that 28 new members joined last year, and part of the reason they joined is because of the:



Greg  
Bohler

Doug  
Swanson  
Photo



Lou

Doug  
Swanson  
Photo

1. SAFETY
2. MENTORSHIP
3. CAMARADERIE

Alvin reminded the members to make sure we take every opportunity to mentor new members.

**Flypaper Editor Jason Boettcher** was busy welcoming their new baby into the world and was not present. Doug Swanson filled in for Jason by saying the Flypaper is "Doing Good".

**Government Relations Chairman Todd Culbertson** (Rocket Man)



Todd  
Culbertson

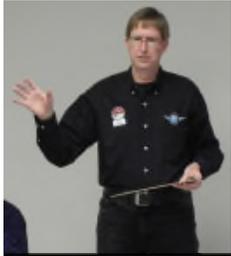
Doug Swanson  
Photo

announced that he was reading the obituaries in the now weekly Kane County Chronicle when he came across the following: This guy was born in 1921. He died April 8. He lived in St. Charles and graduated from St. Charles High School. He was married in St. Charles. He became the second full time fire chief in St. Charles. He served in Europe in the Army Air Force during WWII as a B-17 waste gunner. The man's name was **Karl Madsen**. The street our flying field is on was named after him. Karl was also one of the founders of the 911 center. Todd next requested that we all look at the latest email from the AMA requesting that we contact our senators to ask them

to support the rights of model aviators. The government officials are currently thinking about adding or changing some of the protections afforded to model aircraft. **Paul Jacobs** said that they are thinking about adding a requirement that all model aircraft designs pass a design review through the FAA. This would also include airplane models that our members build from scratch. This is why it is important that we all send a letter asking our government officials to protect our rights. The AMA email has a link that makes it easy to comment. Todd then announced that he supplied all of the FVAC board members with business cards tonight. He then displayed the flyer that he handed out for the Cub Scout Rocket Fest coming up on June 4. He also reminded that the Kids Fly day is also coming up in the afternoon on June 4, and we need to be getting our trainers and buddy boxes ready for the event. Todd said that we had 73 Cub Scouts attend the Rocket Fest last year, and about 90 kids attend the Kids Fly. He then showed the sample card that he will print up for

handing out at the Batavia Loyalty Day Parade. This card advertises our Windy City Warbirds & Classics event on one side, and the Festival of Flight event on the other. Todd plans to print about 1200 of these cards for the parade. Todd encouraged everyone to participate in the parade.

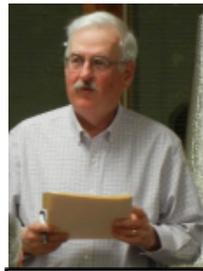
**Parades – Dale Gathman** announced that our first parade of the season will be the Loyalty Day Parade in Batavia on Sunday, May 1, 2016. We need planes to display on the float, and we will be getting the float ready for the parade on Saturday April 30. Dale said that Jeremy is going to let us use his Hobbytown truck to pull the float. Everyone in the club is invited to walk in the parade, and anyone who wants to drive a ducted fan jet down the street may also do so. This parade is long, and they feed the participants at the end. Last year we handed out a lot of flyers advertising the WCWC event during the parade. **Brian Wituk** will be coordinating the parade. We also are going to be participating in the St. Charles Memorial Day Parade on Memorial Day.



Dale  
Gathman

*Doug Swanson Photo*

**SGMOP Chairman – Tom Flint** announced that for the last two years, **Jerry Wika** has been kind enough to head-up the Short Grass Mowing Program (SGMOP) group. Tom asked us to thank Jerry for his efforts whenever we see him. This year, Tom Flint has taken over the reins, and he is looking for additional volunteers to mow. The volunteers mow our short grass areas to 1.5" on Sunday night or Monday. Then the professional service mows the entire field on Thursday morning. This is why the field stays in such great shape, as it is being mowed twice a week. Tom's goal is to have enough volunteers so that no one person has to mow too often. So far, **Tom Flint, Tom Spriet, Pete Regnier, Jason Walsh, Don Froula, John Turner** (alternate) and **Jerry Wika** (alternate) have signed up.



Tom Flint

*Doug Swanson  
Photo*

**Tree Line/Berm Orientation Day – Dale Gathman** announced that we are going to have our first ever Tree Line/Berm Orientation Day on Saturday, April 23. We plan to post volunteers at the west tree line and east gun range berm. These volunteers will have walkie-talkies and will let pilots know when their planes reach the tree line or berm so that they can see what their planes look like at those distances.

**Todd Culbertson** mentioned that **Karl Griesbaum** was at the field last Saturday rolling the field, and Todd edged all of the concrete blocks around the tables. **Mark Knoppkie** mentioned that **Steve Baker** also helps roll the field.

**Windy City Warbirds & Classics – John Fischer** announced that we currently have 46 pilots registered for the WCWC event. Last year, we had a total of 54 pilots register. John said that with everybody's help, we should have a great event again this year, hopefully even better than last year. We are making some modifications this year, and John said he is really excited about that. **Paul LeTourneau** is coming, but has not registered yet. The guys from **Electro Dynamics** who sell the A123 batteries are also coming. They will have a booth and will be selling their batteries at the event. **Tom and Hillary Bean** worked the booth at Toledo, and handed out many flyers for the event thanks to **Todd** who printed them. John said that there was not much interest in pre-ordering the Warbird Warrior shirts, so those who want to purchase one can do so at any of the Warbird and Classics events. **Tom Flint** showed the new t-shirt design for the 2016 WCWC event. It is a Sopwith Camel with a Fokker DR1 Triplane in the background. The shirt will have a dark blue background. The shirts will have a different aircraft each year, and will be collector's items that will be able to be sold for \$20.00 every year. The hats this year will have the WCWC logo in four colors. John then questioned the group whether there is interest in continuing the WCWC event through Sunday. To do so, we need planes and



John Fischer

*Doug Swanson Photo*



*Doug Swanson Photo*

volunteers for Sunday as well. We would be able to charge admission. FonDuLac runs their event for four days, with the fourth day being an open fun fly. The consensus of the members present was that we do not plan on having anything official for Sunday, but we will allow any of the pilots from the WCWC event to stay and fly at the field. It will be an Open Fly, with no food and no admission charge.

**Festival of Flight** – **John Fischer** announced that the Festival of Flight is a one day event being held on August 6, 2016. All aircraft are welcome at the Festival. Admission will be \$5.00 each for adults and free for kids. There are no pilot fees to register for the Festival.



Dale Gathman

Doug Swanson Photo

**Secretary Dale Gathman** presented the newly revised Field Rules to the crowd. He started by thanking the Committee who volunteered their time working on the new rules:

**Alvin Cole, Dave Murray, Jeff Peca, Tony Bahowick, Rich Gabrys, Mariano Rosales, Dale Gathman**

He then reviewed the rules that were revised from last year (see the rules elsewhere in this issue), followed by a period of questions and discussion.

**Show and Tell** – **Dave Murray** showed his new Aviation Design Super Scorpion jet, which he explained is his fifth one. He stated that one had a mid-air down at Winamac, and he sold the other three. This one has a display which shows the bus voltage of the receiver. The plane also has landing lights. It is powered by a 160 turbine engine.



Doug Swanson Photo

Dave then showed his new ‘baby Scorpion’, which is a Freewing retractable gear foamy 80mm ducted fan jet that only cost \$269.00. Dave purchased it from Motion RC. Dave then displayed the new 2016 Air Supremacy over Elkhart t-shirt, which features his T-33 jet.



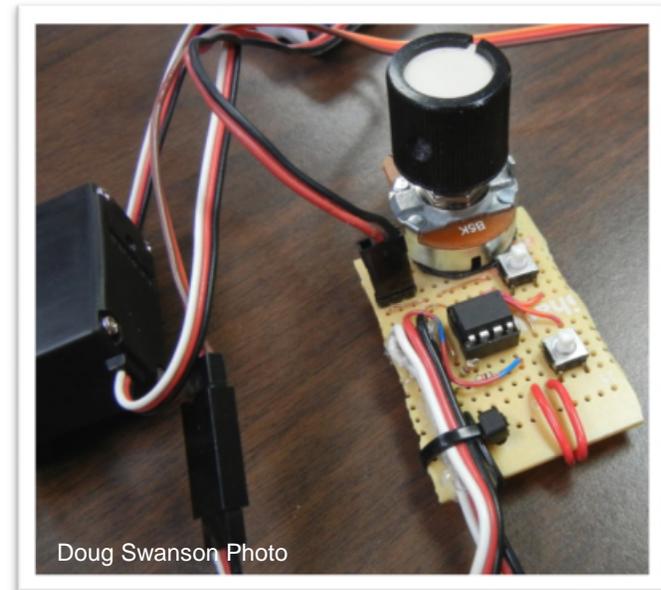
Doug Swanson Photo

**Armin Weber** displayed his new Carbon Z T-28 from Horizon. The plane is all foam, and there is probably about an hour’s worth of assembly required. Armin said that you could probably buy this plane, take it to the field, and have it flying in an hour. He on the other hand took two nights putting his together. Part of the reason was that he plugged in the battery, and the steering servo went up in smoke. He had to replace that. He then said that there were some posts on the internet about the pushrods being kind of flimsy, so Armin replaced all of them with 2-56 hardware and clevises. A few other people have lost the flaps, which are attached with only a thin sheet of foam. He cut his flaps off and secured them in place with Robart hinges. The plane has a 78” wingspan, and weighs 12 pounds. It has a 60A ESC. The recommended battery is a 6S 5000 mAh. He may fly it on Sunday.

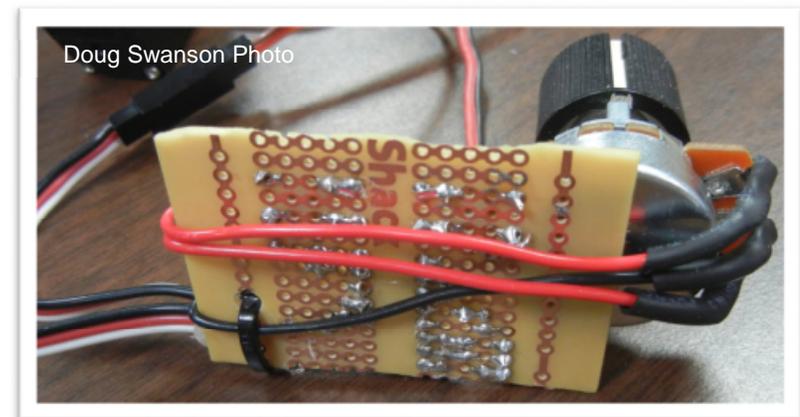
Armin then showed his bar stool that he accidentally melted the seat cover on with his heat gun. He took an old FVAC sweatshirt and recovered the stool with the FVAC logo from the sweatshirt.



**Don Froula** introduced himself, and said that he just rejoined the club last year. He originally joined in 2000. While building foamies, he wished for and designed a device to exercise his servos. Don, being an employee at Motorola for the last 35 years, found a bunch of old microcontrollers in his junk box. He explained that servos are sent a fixed pulse width which sends them to a certain position. He took a chip and developed a servo exerciser circuit board.



It has two buttons and a knob. One button returns the servo to center. The other toggles between two operating modes. The first mode sets the absolute position of the servo based on the position of the knob. The second position will start sweeping the servo from -100% to +100% travel, which is a pulse duration of 1-2 msec. For most servos, this is about a 90 deg. motion. Don explained that most servos will go to about 180 deg if asked to.



Don programmed 25 of the chips, and attached them to an instruction sheet, which also explains how servos work. He made them available to any member who wanted one.

**Kevin Kessler** showed his new giant Super Decathlon. It is a Hangar 9 plane, has a 144" wingspan, and a 100cc engine. He hasn't flown it yet. It has smoke installed, and is ready to go. He said that he got it out of the basement tonight, and it is not going back down. It barely fits in his car.



Doug Swanson Photo

**Joe Pedone** showed his new Hangar 9 Extra 330SC. It just came out, and they showed it at Toledo this year. It is electric, and uses a Power 60 motor. It uses a 90 amp ESC and a 6S 5000 mAh. battery. It is very light, and weighs only 5 pounds, 7 pounds with the battery. Joe used Savox servos all around. He has been using them in a few planes lately and really likes them. He hopes to maiden it this weekend.



Doug Swanson Photo

Hearing no further business, President Alvin Cole asked for a motion to adjourn. Sal Perno moved to adjourn. John Fischer seconded. Motion passed unanimously. The meeting was adjourned at 9:18 pm.

Respectfully Submitted  
Dale Gathman – Secretary FVAC

# SAFETY CHAIRMAN'S MONTHLY TOPIC

**Jeff Peca**  
safety@foxvalleyaero.com



**Reminder! We have a BBQ before the Fun-Fly event this month on May 21.**

It's that time of year again. No, not flying season. Skin cancer season. Here are some facts:

- Each year in the U.S. over 5.4 million cases of nonmelanoma skin cancer are treated in more than 3.3 million people.
- Each year there are more new cases of skin cancer than the combined incidence of cancers of the breast, prostate, lung and colon.
- Over the past three decades, more people have had skin cancer than all other cancers combined.
- One in five Americans will develop skin cancer in the course of a lifetime.
- Between 40 and 50 percent of Americans who live to age 65 will have either basal cell carcinoma or squamous cell carcinoma at least once.
- Organ transplant patients are approximately 100 times more likely than the general public to develop squamous cell carcinoma.

- About 90 percent of nonmelanoma skin cancers are associated with exposure to ultraviolet (UV) radiation from the sun.
- The annual cost of treating skin cancers in the U.S. is estimated at \$8.1 billion: about \$4.8 billion for nonmelanoma skin cancers and \$3.3 billion for melanoma.

Please remember sun screen and limit your exposure to the sun.



# FROM THE EDITOR

Jason Boettcher

newsletter@foxvalleyaero.com



I'd like to extend special thanks to Doug Swanson and Dale Gathman for all the extra effort they have put in to make sure our club still gets content in our Flypaper. Doug has been attending events and submitting all sorts of pictures for our newsletter. Dale not only attends every event, but he also takes the time to snap and submit photos, all in addition to serving as our Club's secretary.

For the remainder of the year or at least the next several months, 'From the Editor' will include **Microsoft Word** tips and techniques that I've learned while editing our newsletter over the past couple years. There are very powerful tools in Word, and I'd like to share what seems to be important when writing documents such as the *Flypaper*.

I also use **Nuance's 'Create Assistant'** program from **Nuance Power PDF Advanced** to 'assemble' the Newsletter's Word document with other PDF and Word documents such as the membership form and various flyers that are often included in the *Flypaper*.

When I stepped up to serve as Editor, I met with my friend Ray Luchetti who is the Propmaster's newsletter Editor. He uses and recommends the Nuance tool and showed me his work flow process. I also met with Doug Swanson and he showed me the program he used for the Flypaper, which I think was QuarkXPress. I opted to use Microsoft Word instead simply because I was already familiar with the application. The learning curve for QuarkXPress seemed a bit steep for my taste at the time, although I think it is a superior application for the job. Armed with this knowledge, maybe **you** could become the next Flypaper Editor as I'm ready to pass the pen in order to spend time with my new Baby.

FVAC *Flypaper* – May 2016

Name	Size	Date Modified	Type
may 2016 5.docx	68.69 MB	5/5/2016 10:38 AM	Microsoft Word D
FVAC Field Rules (rev 201...	24.93 KB	5/5/2016 9:02 AM	Microsoft Word D
Retro Flyer.pdf	50.46 KB	4/4/2016 9:05 AM	Adobe Acrobat D
Warbird Warrior Shirt Pack...	1.96 MB	3/14/2016 10:09 ...	Adobe Acrobat D
FVAC Calendar 2016 rev20...	25.38 KB	1/13/2016 9:49 AM	Microsoft Word D
FVACMembershipForm201...	57.72 KB	5/12/2014 11:30 ...	Adobe Acrobat D

Supported File Types      Online Help

Combine files into one PDF document      Options...

Standard Quality      Profiles...

Query the file name; If file exists: Query;      Saving...

Always on Top     

Name	Size	Date Modified	Location
May_2016_Flypaper.pdf	13.75 MB	5/5/2016 10:...	D:\FP\May_201

Creation Status

Doing post-handling on D:\FP\May\_2016\_Flypaper.pdf...  
Post-handling on D:\FP\May\_2016\_Flypaper.pdf is finished.  
Job finished.

View Log      Work in Background      Close

### Tip: How to force one image to be 'on top' of another

Sometimes it is handy to be able to lay one image on top of another, and be able to choose which one is 'on top'.

Here is a case where the photo on the left is covering the photo on the right. It would be better if the photo on the right was covering the other, because it would only cover some trees.



Right click on the photo on the right, choose 'Bring to Front', select 'Bring to Front':



Ta-da!

To rotate an image to get that look that I stole from Doug's work, select the photo and left click on the rotate symbol on top of the image:



While holding the left mouse button, move the mouse left or right to rotate the image to the left or right:



We will continue to publish tips each month, some will be more basic while others will be more advanced. **-JB**



**Please Support our  
Local Hobby Shop!**



**Jeremy Dale**



**HobbyTown USA**

**2061A Lincoln Highway, St. Charles, IL 60174**

# Field Work Day 2016



Photos by Dale Gathman

Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



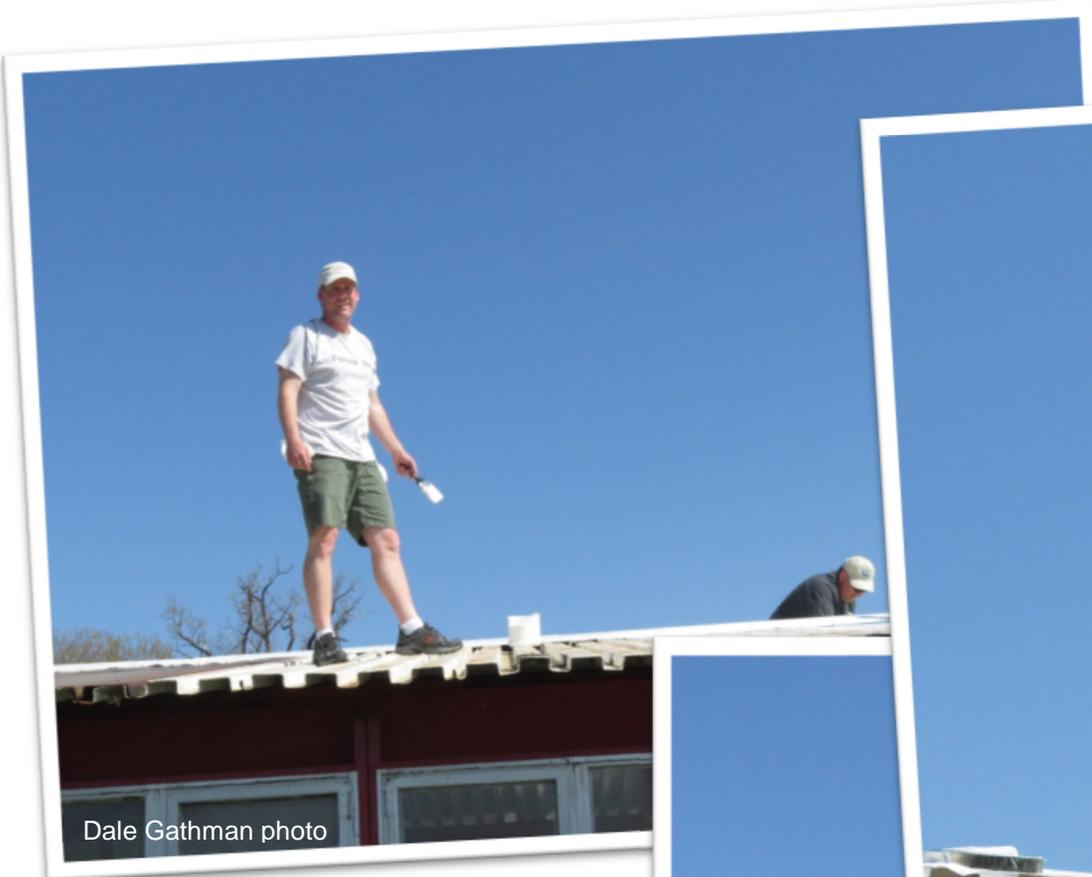
Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo

Dale Gathman photo

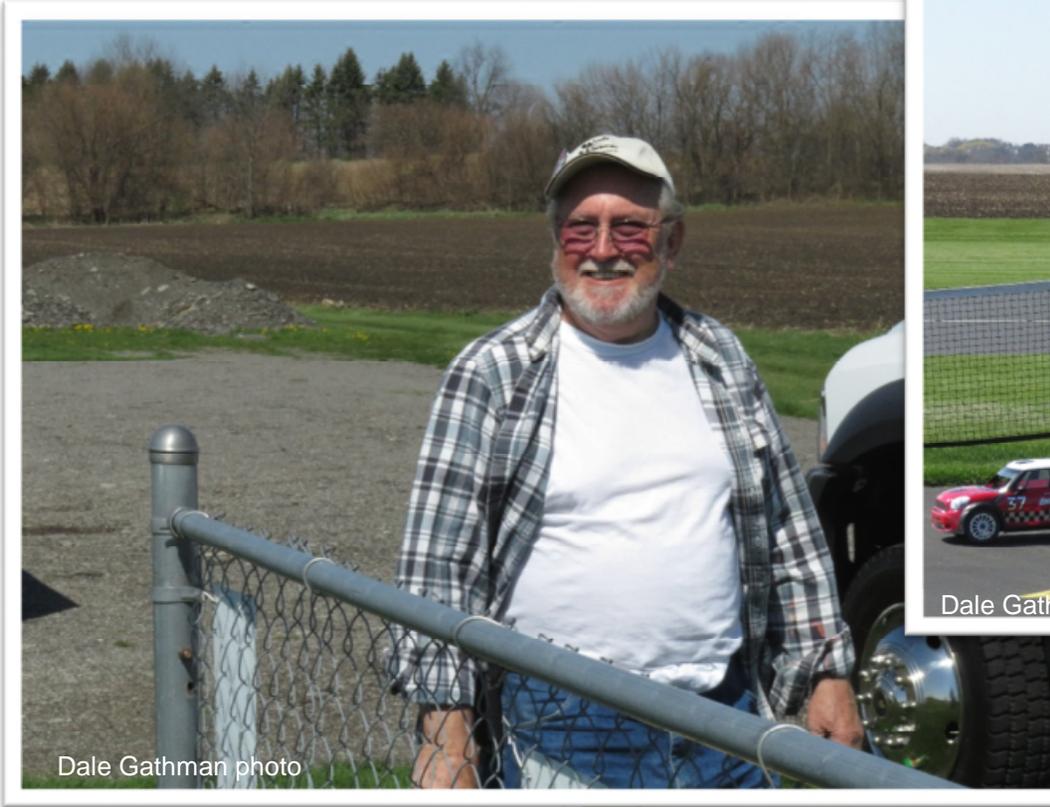


Dale Gathman photo

Dale Gathman photo



Dale Gathman photo



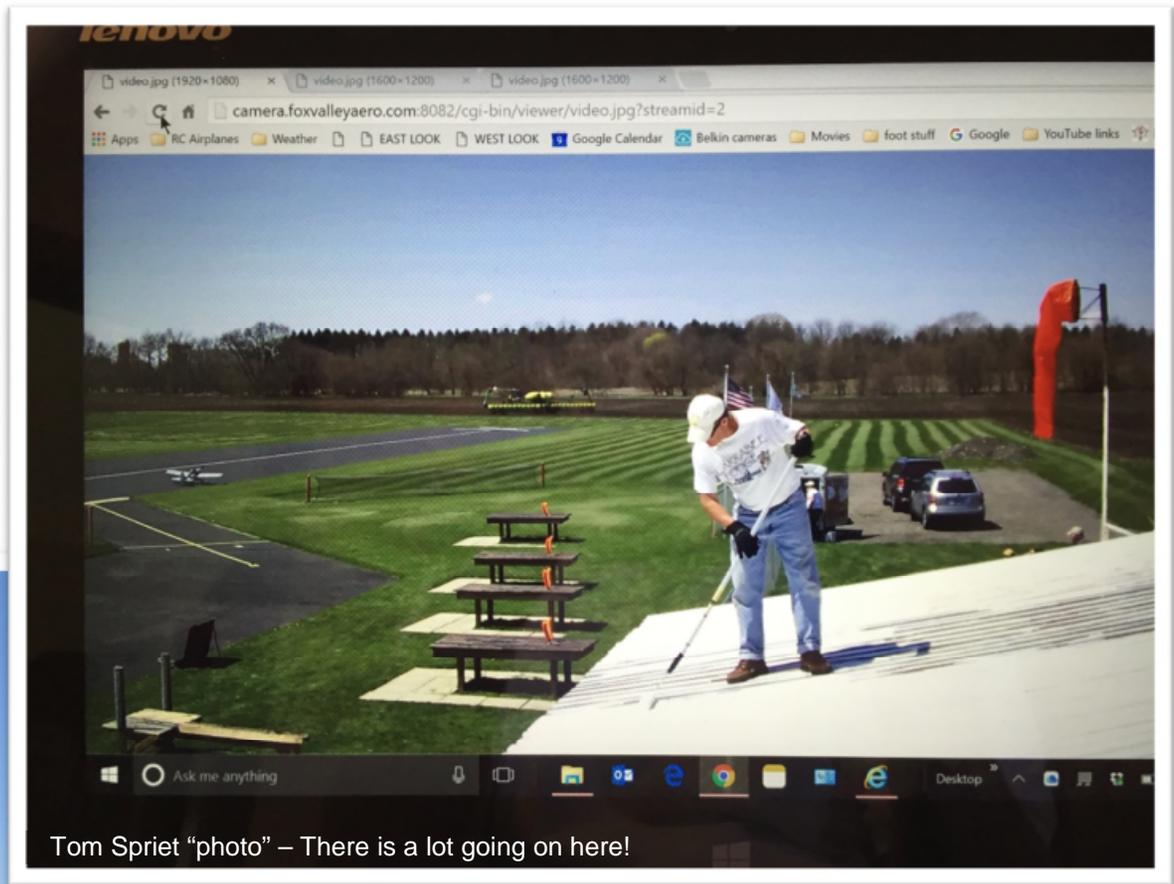
Dale Gathman photo



Dale Gathman photo



Dale Gathman photo



Tom Spriet "photo" – There is a lot going on here!



Dale Gathman photo



Dale Gathman photo



Dale Gathman photo

# Batavia Loyalty Day Parade



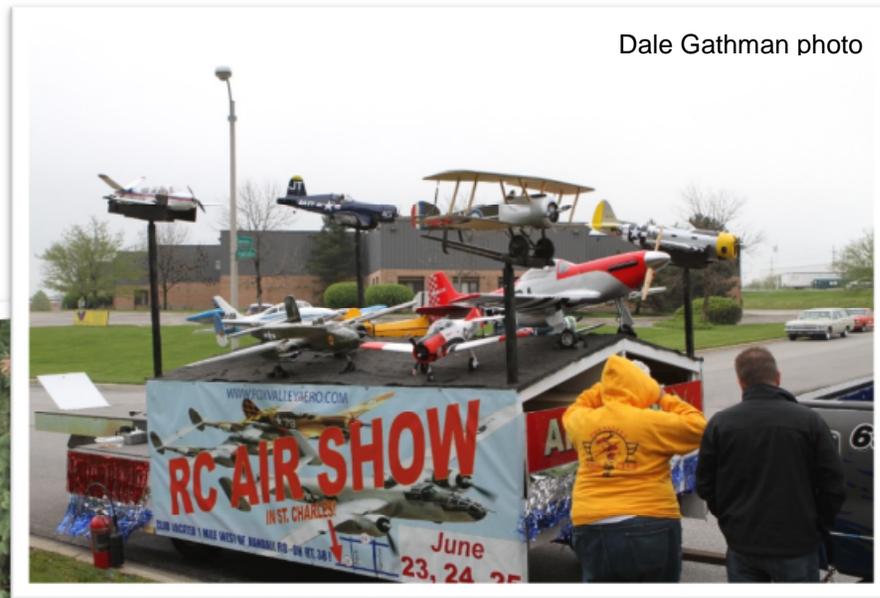
Photo submitted by Doug Swanson



Dale Gathman photo

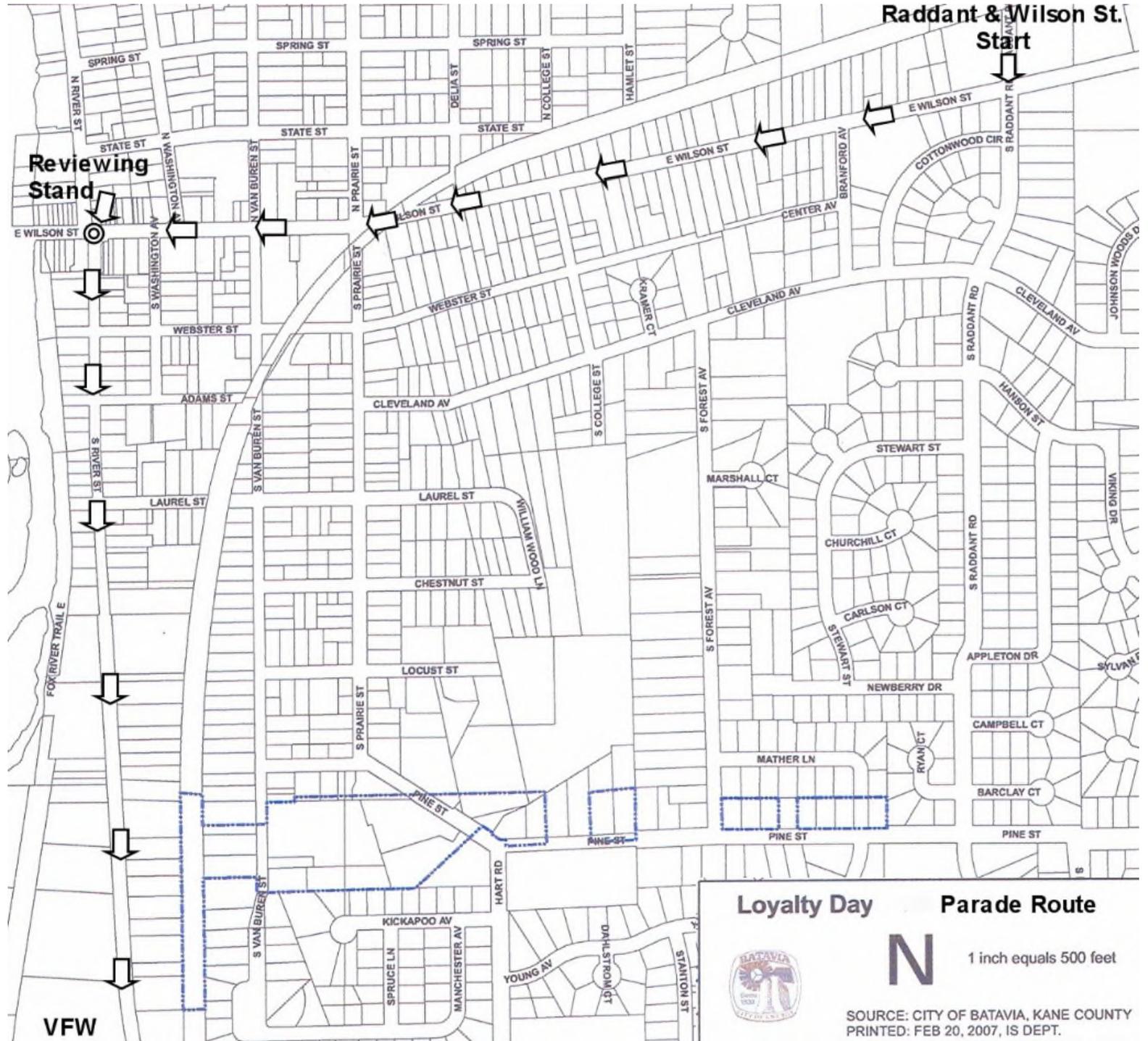
**The Batavia Loyalty Day Parade was Sunday, May 1 and started at 1:30 on the corner of Raddant Rd. & Wilson St. and ended at the VFW on Rt. 25.**

Dale Gathman photo



Dale Gathman photo

**Here was the Parade route. It was reported that the weather was chilly and breezy.**





Dale Gathman photo

# SHOTS from the Field



Alan Galle  
Pilot RC Decathlon

Dale Gathman photo



Bill Sponsler  
J3 Cub

Dale Gathman photo



Vic Miller  
Balsa USA Taube

Dale Gathman photo



John Fischer  
EFLite Beechcraft  
Bonanza

Dale Gathman photo



Rey Ortiz  
FMS Zero

Dale Gathman photo



Tom Flint  
Hangar 9 Cessna 182

Dale Gathman photo

# SHOT OF THE MONTH



Dale Gathman photo

Representing FVAC at the Batavia Loyalty Day Parade on Sunday, May 1 are (left to right) Todd Culbertson, Paul Jacobs, John Fischer, Dave Murray, Dave Cotton, Sal Perno, Joe Pedone, Dale Gathman, Brian Wituk, and Doug Swanson.

# 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 'Open' AMA membership card, and if a turbine pilot, a current AMA 'Turbine Waiver' endorsement. FVAC member pilots who do not have a current 'Open' AMA membership are only permitted to fly on a buddy box with another FVAC pilot that has a current 'Open' 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 'Open' AMA membership are permitted to fly at the FVAC field if invited by and accompanied by a current FVAC member who has a current 'Open' AMA membership. 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 should 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 'Open' AMA 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 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.
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:
  - The runway to the North.
  - The first tree line to the West.
  - When the gun range is in operation, the first berm to the East. When not in operation, the second berm to the East.
  - There is no borderline 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. The direction will be indicated by the pattern direction arrow posted at the center of the flight station area.
18. First Person View (FPV) flying with goggles is permitted only when the primary pilot is accompanied by another pilot with a current "open" AMA 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. Models utilizing live WiFi camera feeds from their models may fly solo after placing the "Live WiFi" sign on the flight line by the pattern sign. When other models are in flight, the pilot utilizing the live WiFi shall do the following:
  - Notify all airborne pilots of their intention to fly with a live WiFi feed.
  - Give all pilots that have elected to land the time to do so.
  - Confirm that all pilots that elected to land have done so before turning on the live WiFi feed.
  
20. Rotary Wing Aircraft pilots may elect to fly from one of the eight 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.
  
21. 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!
  
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.

# Fox Valley Aero Club

presents...



Organized by Doug Swanson  
Questions? email: [photos@foxvalleyaero.com](mailto:photos@foxvalleyaero.com)

# Retro night

## Dust off your old gear — for a blast from the past!

Come on out to the field early (2:00 p.m.) on meeting night, July 14, for some old-school flying fun.

Bring out that old trainer. Still have your first radio? Maybe there's a certain kit that you always wanted when you began in the hobby, but never had the chance to build...

Resurrect some old gear or get online and purchase something from the past. You may be surprised to see what is available on ebay or other classified ad websites.

“Retro” is a relative term. We've all been in the hobby for different lengths of time. As long as it's retro to you, bring it out and show it off!



### A few important safety points:

- Any old radio gear shall be legal for use today. Transmitters and receivers need to be 1991 narrow band certified (gold sticker). Remember the frequency board? It will be in use!
- Make sure your radio system batteries are still up to the task. Cycle your TX and RX NiCads to check for proper capacity and be sure to load test.
- Old airframes should be inspected and questionable parts re-built or replaced.
- Please take the time to get any maiden or re-maiden flights in before the day of the event.



# WARBIRD WARRIOR



## 2016



**Black Ultra Cotton  
with Pocket**

**Printing on Front, Back & R Sleeve**

Shirts can be picked up at the  
Weak Signals Toledo Show and  
at any Alliance Event.

Order Date \_\_\_\_\_

Event Name \_\_\_\_\_

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

**Package of 12 \$204**  
8 - X Large  
4 - Large

**Package of 24 \$408**  
16 - X Large  
8 - Large

**2 X-Large**  
# Ordered \_\_\_\_\_ @ \$19.50 each

**Package Total** \_\_\_\_\_  
**2 X-Large Total** \_\_\_\_\_  
**Total Order** \_\_\_\_\_

Pick Up Location Requested \_\_\_\_\_



**Payment**

**Checks:** made payable to Linda Crooks

Mailing Address: 2628 S. 1200 E., Rockville, IN 47872

# 2016 Fox Valley Aero Club Calendar of Events

January 1	<b>Fun-Fly — Frozen Fingers</b>	10:00 am FVAC Field
January 14	FVAC Member Meeting	7:30 Regular at Township Hall
February 11	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
February 20	<b>FVAC Annual Swap Meet</b>	9:00-2:00 Kane County Fair Grounds
March 10	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
April 14	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
April 16	<b>Field Work Day</b>	9:00 am FVAC Field
April 23	<b>Tree Line/Berm Orientation Day</b>	9:00 am – 5:00 pm - FVAC Field
May 1	<b>Batavia Loyalty Day Parade</b>	Time TBD, Parade Begins at 1:30
May 12	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
May 21	<b>Fun-Fly – 30 Second Climb/Target Land</b>	1:00-3:00 FVAC Field
May 30	<b>St. Charles Memorial Day Parade</b>	Time TBD
June 4	<b>Rocket Fest &amp; Kids Fly</b>	FVAC Field
June 5	<b>Pig Roast &amp; Fun-Fly</b>	FVAC Field
June 9	FVAC Member Meeting	6:30 Board, 7:30 Regular at FVAC Field
June 23-25	<b>2016 Windy City Warbirds &amp; Classics</b>	FVAC Field
June 26	<b>Open Fly – Small Scale</b>	FVAC Field
July 14	<b>Retro Fly</b> and FVAC Member Meeting	Retro Fly 2:00; Meetings- 6:30 Board, 7:30 Regular at FVAC Field
July 16	<b>Fun-Fly – Bomb Drop</b>	1:00-3:00 FVAC Field
August 6	<b>Festival of Flight</b>	FVAC Field
August 11	<b>Cub Fly</b> and FVAC Member Meeting	Cub Fly 2:00; Meetings- 6:30 Board, 7:30 Regular at FVAC Field
August 13	<b>Night Fly – AMA Sanctioned - Open</b>	8:00 pm FVAC Field
September 8	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
September 17	<b>Night Fly</b>	9:00 pm FVAC Field
October 13	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
October 16	<b>Turkey Fry &amp; Fun-Fly - Limbo</b>	FVAC Field
November 10	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
December 2	<b>Annual Christmas Party</b>	6:00 Hilton Garden Inn-St. Charles
December 8	<b>Rookies Christmas Party</b>	Rookies Sports Bar & Grill-St. Charles



# FVAC NEW MEMBERSHIP FORM

**New Member Assessment Fee: \$300.00** (For new memberships only.)  
Does not include dues.

- Dues for Senior Members (18 years and over)** ..... \$125.00 per Member
- Dues for Junior Members (17 years and under)** ..... \$ 25.00 per Member
- Family Membership** ..... \$125.00 per Member  
*(\$25 for each additional family member with an AMA card, either a spouse or a child under 18 years old.)*

**Yes** Include me in the member only phone book       **No** Do not publish my information

PLEASE PRINT

Your Full Name:	AMA Number:	Age: <small>(Junior Members only)</small>	Dues Amount:
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

Your Complete Mailing Address:

\_\_\_\_\_  
\_\_\_\_\_

Please list the R/C channel(s) you use:

\_\_\_\_\_

Your Phone Number/s:

Home: \_\_\_\_\_

Your Work Mailing Address:

\_\_\_\_\_  
\_\_\_\_\_

Work: \_\_\_\_\_

Cell: \_\_\_\_\_

Your E-mail Address:

**Total Payment Enclosed:**  
\$ \_\_\_\_\_

What is Your Occupation? (Please provide details)

**Complete and mail this form to:**

**FOX VALLEY AERO CLUB**

**P.O. BOX 837**

**ST. CHARLES, IL 60174-0837**



**Make checks payable to:**  
**"Fox Valley Aero Club"**

Signature

Date