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AMA Gold Leader Club



Academy of Model Aeronautics  
Charter Club #252

 *Flypaper*

April 2014

**Fox Valley Aero Club**

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## PRESIDENT'S MESSAGE

**Alvin Cole**  
president@foxvalleyaero.com



Wow! What a successful event! The swap meet that FVAC hosts is like no one else's. Thank you to JT and Joe for your dedication and hard work in planning this event. Also a big thank you to the FVAC membership for their work and support in the success of this event. Working together will

help to make every event the best it can be.

Is spring coming this year? I guess it will be at some point. I did get to fly this year already; for me it was a cub day. Getting in that first flight of the year was gratifying and a reminder of how much fun this hobby is. Flying the cub was just what I needed to help get the bugs out.

Our meeting this month was great and David did an outstanding job running it. There was great participation and the atmosphere was electric. I really liked the interaction between the membership both before and after the meeting. We are well on our way to having a great flying season.

Being courteous, safe and having fun is what makes our club a great place to be.

See you at the field.....

Alvin

## TREASURER'S REPORT

**Paul Jacobs**  
treasurer@foxvalleyaero.com



As I write this I am making the final preparations for the annual trip to Mecca known as "Toledo". I have been going to this show for almost 40 years and it still is one of the best of the year. For those new members that have not gone to this event, I highly recommend that you try to get there as anything new in R/C seems to be announced there.

Tom Flint has sent out the renewal letter for the dues which are considered late if not paid by March 31 of each year. As we stand now there are 194 members on the roster, of which 37 have unpaid dues. Flying privileges are suspended until FVAC dues are current and no one flies without a current AMA card.

The FVAC checkbook is in great shape and we are ready for a fantastic flying season if the weather would ever cooperate. The wind chill has to be above 55 degrees in order for me to bring out a plane to fly which looks like mid-April to me. My target maneuver to practice this year is the rolling circle. Yes, I'm dreaming but it could happen.

Until next month,  
Paul



**Parkzone Sport Cub BNF w/AS3X.**

*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.*

# SAFETY CHAIRMAN'S MONTHLY TOPIC

Tom Siwek

safety@foxvalleyaero.com



## Spring Cleaning

Upwardly creeping temperatures and melting snow have given way to a visible runway and hope that the flying season will soon emerge. Are you ready?

Part of the ritual for readying for the flying season is the “spring cleaning” of our aircraft and field supplies. If we execute this process well, we’ll be ready

when the weather finally turns and we should expect very few, if any, problems with our aircraft or support equipment once we hit the field.

You may be thinking, “I get it. Good topic. What does this have to do with safety?” The answer is - everything. Part of having a safe experience at the field is using equipment that’s in proper working order. Aircraft that fail in flight can create a safety hazard. Field equipment that fails on the bench can create a safety hazard. Anticipating this possibility and exercising good preventative maintenance minimizes these risks. When the weather finally breaks, you want your time at the field to be spent flying, not troubleshooting and repairing. Or worse yet, collecting the pieces of an aircraft that’s has an unplanned union with Mother Earth.

### Inspecting Your Airplane:

- Start by giving them a bath. They likely have either residual exhaust/smoke oil on them from last season or are dusty from sitting in the basement or garage. Not only will they start the season clean, it gives you a great chance to inspect the airframe for damage, loose parts/loose covering. If you find either, fix it

and run an iron over the covering. Also inspect the interior of the fuselage for structural damage.

- Inspect all control horns, clevises, push rods, servo arms and servos. Confirm that these items are secure and in working order. Check the servo for gear slop or binding. If you find any, replace or repair the servo.
- Tug on all of the control surfaces to insure that the hinges are still properly secured and that the surface moves freely. Make necessary repairs if you find any hinges that are not doing their job.
- Check the landing gear components. Gear leg hardware, axles, wheel collars and wheel pants/gear doors should be tight. Tires and wheel hubs should not be excessively worn. This can degrade ground handling. If adjustable, confirm wheel alignment. If the plane is equipped with retractable gear, exercise the gear several times to insure smooth and proper operation.
- Visually inspect the servo wiring. Replace any worn or damaged servo leads.
- Inspect mounting points for batteries, receivers and other interior components. Insure that these are still securely mounted and that foam padding is in good shape.
- Cycle your receiver and transmitter batteries. Insure that they still exhibit appropriate charge capacity. Replace batteries that have poor capacity.
- Cycle switches several times to insure that they function crisply. Any hesitation or intermittent operation signals a worn switch. If you have any doubts that the switches are working properly, replace them.
- Inspect fuel tubing. Replace any tubing that is worn or has become brittle. If it’s been several years since you’ve inspected

the tubing inside of the fuel tank, pull the tank and look at this too.

- Check engine mounts, mufflers, spinners and propellers for securement and damage. Replace any damaged parts and insure all are tight. Also, inspect the glow plug. If it looks to be in rough shape, replace it.
- If possible, range-check your receiver before you head to the field. I don't need to tell you how bad the loss of radio link is.
- If possible, run the engine before you head to the field. Insure easy starting, smooth transition and a reliable idle. Tune the engine if needed.

#### Field Gear:

- Charge field, starter and glow-plug driver batteries. If possible, cycle these batteries and insure they have good capacity. Replace batteries if needed.
- Check electric starters for proper function. Replace the rubber cone if worn or brittle.
- Check fuel for freshness. Properly dispose of any fuel you believe has gone bad.
- Take inventory of your field box. Replace any spare parts or tools that were consumed last season.
- Confirm that starters, fuel pumps and glow-plug drivers are functioning properly. It's no fun to arrive at the field and find any of these not functioning. If you don't use an electric starter, insure that you have your chicken-stick or starting glove in the field box. Don't be tempted to operate your plane without these because you left them at home.

I hope you find these tips helpful. You may know of others that I failed to mention here. If so, share your feedback at the next club meeting. Practicing these tips will insure that you're ready to go when the weather turns and that you have a safe and enjoyable start to the season.

## **April's Topic – Review of the AMA Safety Code and the FVAC Field Rules**

Until then, stay safe.

Tom



**Hangar 9 P-51D Mustang 60cc ARF.**



**Evolution 62GXl 62cc Single Cylinder Gas Engine with Sure Fire Electronic Fuel Injection.**



## SECRETARY'S REPORT

**Dale Gathman**  
secretary@foxvalleyaero.com

### Fox Valley Aero Club Member Meeting Minutes March 13, 2014 @ St. Charles Township Hall

*Photos by Doug Swanson*

**President Alvin Cole** called the meeting to order at 7:37 pm and welcomed everyone. He then announced that **Vice President Dave Murray** would be leading the meeting tonight.

**Secretary Dale Gathman** asked for any additions or corrections to the February 13, 2014 Member Meeting Minutes. None were voiced. Tony Sokol moved to accept the minutes as presented. Todd Culbertson seconded. Motion passed unanimously.

**Treasurer Paul Jacobs** reported that the checkbook is in great shape, thanks to the efforts of John Turner and Joe Pedone in coordinating a very successful swap meet. Paul then recognized Mike Wlodek for the work that he did for the club in getting our field lease renewed, which was followed up by a round of applause to show the club's appreciation.

Paul reported that we made \$324.00 on the pop machine sales last year. Paul reported that we have around 200 members, and about 30 percent



Dave Murray



Mike Wlodek

of the members have not renewed their 2014 FVAC membership yet. We typically lose about 20 members and pick up about 20 new members per year. Paul stated that Tom Flint will be sending a note out this month, letting members know that they must renew by March 31 in order to stay active and continue to fly. Doug Swanson moved to accept the Treasurer's report as presented, seconded by Mark Knoppkie. Motion passed unanimously.

**Safety Chairman Tom Siwek** was absent, but President **Alvin Cole** reported that the Safety Topic for this month will be "Preparation of Aircraft for the Upcoming Season" and that Tom would be covering this topic through an article in the Flypaper. Alvin reminded us that all of our planes need to be checked over thoroughly (servos, batteries, etc.) before we take to the air. Alvin announced that the April Topic will be a review of the AMA Safety Code and FVAC Field Rules.

**Show and Tell - Doug Swanson** displayed three different sized ammo cans that he purchased from Farm and Fleet. The medium size can goes for \$20.00, and the three piece set goes for \$45.00. **Todd Culbertson** mentioned that ammo cans are also available at army surplus stores and American Science and Surplus.

**Doug Swanson** then announced that he wanted to take this opportunity to thank one of our past presidents. He said that there have been a lot of presidents who have done much for the club, but tonight Doug wanted to recognize our current Past President **Tom Spriet**. Doug mentioned that he had wanted to show Tom our appreciation for all he had done for the club during his three year term as president. In talking it over with **Dale Gathman**, Dale mentioned that during his term of service, Tom repeatedly recognized members by giving them signed photos of the Blue Angels team. He recommended that Doug put together a photo montage showing some of the many things that Tom has done for the



Doug Swanson

club over his time as president. Doug then presented Tom Spriet with a beautiful framed photo that he created, and read the inscription - "The members of the Fox Valley Aero Club thank Tom Spriet for his leadership, innovation, dedication, and hard work as Club President 2011-2013".

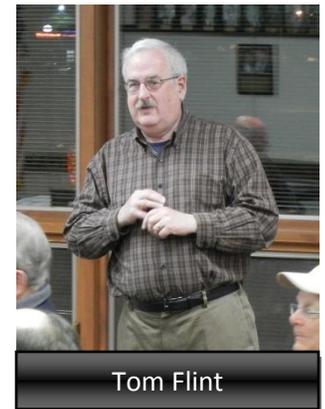


Doug Swanson and Tom Spriet

The attendees erupted into an extended round of applause to show their appreciation to Tom. Tom accepted the photo, stating that "I didn't do any of this for me, I did it for you guys", which initiated a second thunderous round of applause. Thank you, Tom, for your service.



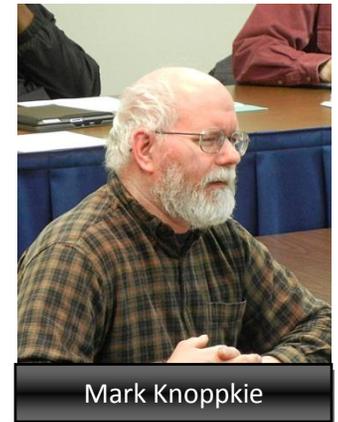
**Membership Chairman Tom Flint** asked if there were any guests present, and there were none. He then announced that Hobbytown in St. Charles has a new owner, and Tom stopped in to assure that our members would continue to get a 10% discount. Tom then mentioned that he had a safety issue to address. He recommends that if we drop a bunch of pins (that we use to glue stuff) on the floor, we make sure to pick all of them up. Tom has one in his toe that he stepped on, and it is painful.



Tom Flint

**Dale Gathman** mentioned that **Dennis McFarlane** has had some issues, and has regretfully decided to resign his position as Flypaper Editor. Dale stated that he would be filling the duties of the Flypaper Editor while we look for another editor to take his place. Dale plans to publish the Flypaper using Microsoft Word software, and all submissions should be sent to Dale in Word or plain text format, with or without photos. If you are interested in the position of editing/publishing the Flypaper, please contact Dale Gathman at [secretary@foxvalleyaero.com](mailto:secretary@foxvalleyaero.com). Submissions can be sent to [newsletter@foxvalleyaero.com](mailto:newsletter@foxvalleyaero.com).

**Field Chairman Mark Knoppkie** announced that volunteers will be needed to set up for the Warbirds & Classics event. Mark said that during the workday (April 12), we will be cleaning the flight tables rather than replacing the tops. There was a suggestion that we make or get some smaller flight tables for electrics. **Bob Boen** recommended that we try out a few 4'x6' folding tables from Home Depot, and the consensus was that would be a good idea. Mark mentioned that we will be replacing the PVC flagpoles which get mounted in the corn field with 1 inch conduit poles, 20 feet long. The workday will mainly be spent doing general cleanup. At this point, there is still a lot of snow on the field. Mark said that something needs to be done with the sink holes on the west end of the field before the Warbirds event. **Dave Cotton**



Mark Knoppkie

mentioned that a quick fix would be to place half-barrels in the holes, and put fill on top of the barrel. Tom Spriet recommended that we talk to the city before filling the holes in hopes that they may fix them for us. **Cliff Fullhart** mentioned that **Steve Baker** volunteered to fix the drain tiles/sink holes for the club. Mark said that he will contact Steve to discuss it before looking into any of the other options.

**Dave Murray** then asked for members through the raising of hands to recite one of the three concepts that Alvin introduced at our January meeting. Three of the members stepped up and reminded that the concepts were **Courteous, Safe, and Fun**. Those members received an envelope from Dave, which he told them not to open.

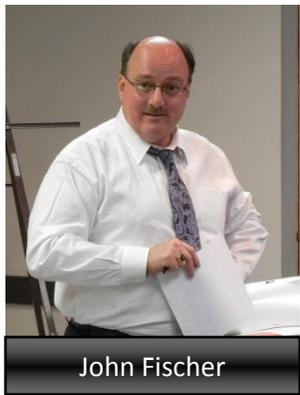
**Windy City Warbirds - John Fischer** first thanked everyone who stepped up to help with the upcoming Windy City Warbirds & Classics event. A few of those helping out are:

**John Fischer** – Event Coordination.

**Armin Weber** – CD.

**Tom Siwek** – RC Flightdeck web site coordination.

**Steve Gawlik, Sal Perno, Cliff Fullhart, Mark Knoppkie, Karl Griesbaum, Bob Mosinski, John Turner, Gary Stephens,** and **Todd Culbertson** have all volunteered their services so far.



John Fischer

At this point, there are 26 pilots registered and the event website has had 750 visitors. John asked any pilot who plans on attending the event to please register, so that the large number of registered pilots will entice even more pilots to come to the event. John mentioned that he and some of the guys attended E-Fest, and handed out flyers. John was able to talk to members of quite a few RC clubs about our event while at E-Fest. The word is getting out. John's main concern is with public awareness, and he announced that

Government Relations Chairman **Todd Culbertson** stepped in and volunteered his time and materials to produce 1600 small flyers, as well as a bunch of the letter size and a supply of large poster size flyers, all at no charge to the club. The crowd gave a round of applause for Todd's generosity. John announced that Todd, in addition to printing, also has a background in community awareness and marketing, and Todd

presented his vision on how to promote the event. Todd mentioned that he is now our Government Relations Chairman, and he plans to expand the responsibilities of his position to include Public Relations and Community Relations. Todd sells printing systems for a living. When he printed the new flyers using the design created by John Fischer's daughter, he made the grass green instead of brown, which makes the field look much better. Todd encouraged everyone to take as many flyers as they want, and to distribute them where they work, play and shop. Todd said that he reached out to the city and the



visitor's bureau that will put our event on their web site. He is talking to the RIVER radio station about possibly having a road crew come out for free and put the event on their web site. Todd then recommended that we tie a donation to the 'Wounded Warrior Project' to the event, based on the AMA recommendation of using an event on National Model Aviation Day to raise money for the Wounded Warrior Project. **Bob Boen** recommended we check to see if there are local representatives of the Wounded Warrior Project that could get involved. John Fischer recommended that we also honor our vets and possibly ask the VFW to supply a 'Color Guard' at the event. The possibility of a full scale flyby of some of the planes from the Aurora warbird museum was discussed. **Dave Murray** said that his daughter works at the museum, so he has contacts there. John Fischer said that Toledo is only three weeks away, and he plans on talking to sponsors and pilots there.

**Show and Tell - Todd Culbertson** displayed a beautiful Nitro Planes T-45 Navy trainer that he bought from Armin at the swap meet. He used components from his F-16 that met up with high speed dirt at the end of last year. The T-45 is NOT FOAM, which is very unusual for Todd. It has



two servos for the ailerons, two for the elevators, and two for the flaps. It has 90mm fans, and runs off of two 3S or 4S LiPo batteries.

Todd then mentioned that he was contacted by Daniel Tosh about his Space Shuttle video (which by the way has over 2 million views on YouTube). Daniel wanted to put the video on a show called 'Tosh.O', in the 'Web Redemption' segment. Todd got to fly to Los Angeles to act in new footage, which will compliment the original video. In the new video, Todd's space shuttle saves the planet in the end.



**Dave Murray** showed the club two engine nacelles from his Hangar 9 B-25 Mitchell that he is working on. He plans on having it done for the Windy City Warbirds & Classics event. Dave hopes we can get three or four B-25s from the club at the event.

**Dave Murray** then thanked **Swap Meet Organizers John Turner and Joe Pedone** for a very successful swap meet, and the crowd offered a rousing round of applause to show their appreciation.

**Dale Gathman** showed his new license plate which reads 'FVAC', along with a couple of custom license plate frames he purchased which say 'Fly R.C.' and 'Fox Valley Aero Club'. They can be ordered from:

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



**Doug Swanson** thanked **Dale Gathman** for printing the appreciation photo that Doug matted and framed for **Tom Spriet**. He then reminded the club that there is an IMAC judging school on April 12 and 13. The classroom will be all day Saturday at Batavia High School, and Sunday morning some guys will be at the field doing IMAC demo flights. The field will remain OPEN to general flying both days. Anyone interested in

learning about how to fly and judge precision flying should attend the class.

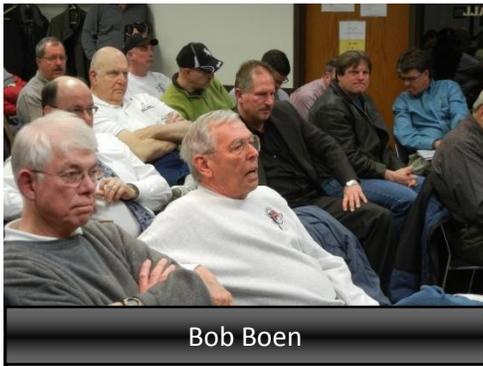


**Dave Murray** then asked the three members who received the envelopes earlier to open them, and to their surprise they found lotto tickets inside.

**Dave Murray** then mentioned that after talking with some of the Suburban R/C Barnstormers members, he found out that they are having

some issues with their field. Their field causes those with larger planes to overfly Stearns Road. The FVAC board has decided to hold a Fun Fly/Open House for any RC pilot to be able to come and fly at our field, as long as they have a current AMA membership. The Open House will be held on April 26, and Bob Boen will head the event. This will be an unstructured event, with open flying from 9:00 am - 5:00 pm. Bob will send an invitation out to all clubs in the area, and also invite anyone interested to attend our next meeting. Alvin mentioned that to be successful, we all need to be at the Open House, and we need to be **Courteous, Safe, and have Fun.**





**Bob Boen** asked how many Gold Leader Club pins we need to order. They are \$3.00 each. Bob will have a sign-up sheet at the April meeting for those desiring to purchase a pin.

**Alvin Cole** announced that **Dave Murray** got tonight's meeting done in less than an hour, and the crowd showed their appreciation with applause.

**Ken Kaiser** was asked about his Hobbytown store, and Ken announced that he has sold the business to Jeremy, who was the store manager at the Rockford Hobbytown for 16 years. After 17 years of running Hobbytown, Ken hopes to have more time to enjoy his hobby now. Alvin thanked Ken on behalf of the Fox Valley Aero Club for what he has done in this community and for what he has done to help the club out over the years. The members showed their appreciation with applause.



**Sal Perno** asked if we are going to get All Season Flyer patches. Dale Gathman replied that we can get them, but we have to pay for them. All Season Flyers who desire a patch should contact Dale Gathman with the number of years they have flown all seasons (must have flown at least once during all twelve months of the year).

Hearing no further business, Vice President Dave Murray asked for a motion to adjourn. **Mark Knoppkie** moved and **Bill Mikesell** seconded. Motion passed unanimously. The meeting was adjourned at 8:35 pm.

Respectfully Submitted  
Dale Gathman – Secretary FVAC

## NOTABLE QUOTES



“One of the greatest lessons I’ve learned in life is that it’s difficult to grow smart, skilled, and wise unless you’re exposed to someone who’s intellectually, spiritually, or emotionally bigger than you. If you feel you have nothing to learn from anyone or that no one has anything to teach, it’s unlikely that you’ll progress much beyond the moment you adopted that point of view”.

*Rod Machado*

*(Reprinted from AOPA PILOT magazine – January 2014)*



E-Flite UMX Pitts S-1S BNF Basic/BNP w/AS3X.

# SHOTS from the Field

By Dale Gathman



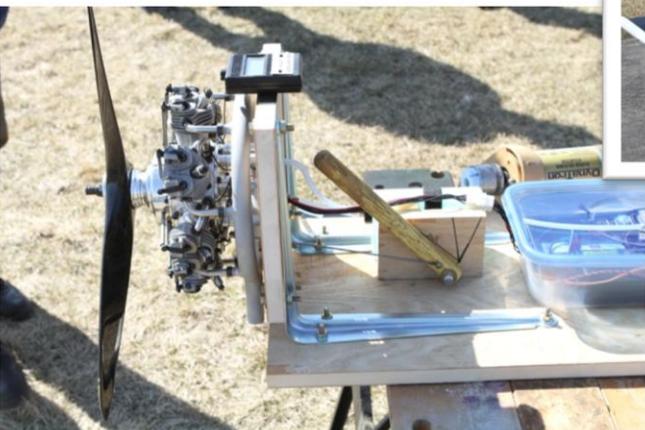
**Mark Knoppie**  
Evolution E777 – 77cc Radial Engine.



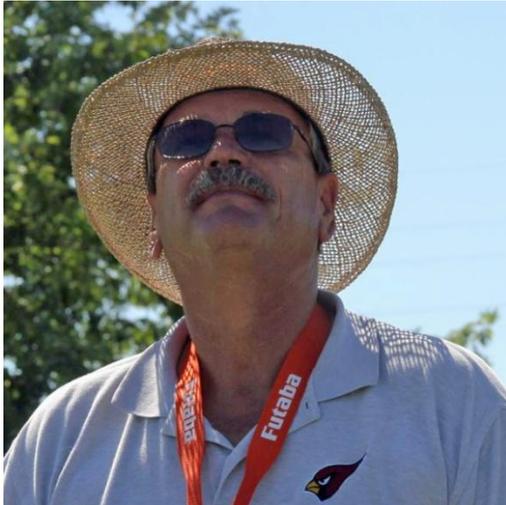
**Sebastian Kowalski**  
Eurofighter – P160 Jetcat



**Nick Mitrakos**  
Eurofighter w/Mig paint scheme.  
Kingtech 180 – 34lbs. thrust.



**Shirish Shah**  
Byron F15 – Kingtech 140.



## Taking Photos from an Aerial Platform

Dennis McFarlane

*Aerial photography is a whole lot of fun, just play smart.*

There has been quite a bit of hoopla lately about the use of sUAS (small Unmanned Aerial Systems) for photographic purposes. Honestly most of what has been read and seen, especially on different websites which claim our rights to privacy are being violated, is pure nonsense.

Model airplanes have been used as aerial platforms for years, ever since



the first guy figured out how to mount a Kodak Brownie to his free-flight model. Heck, when I was in Jr. High School, many more years ago than I care to admit, I built an Estes model rocket that had a nose cone which was actually a camera. The idea was when the motor back-fired and blew the nose off the model, thereby releasing the parachute, it also tripped the camera's shutter.

With the advent of

what is commonly referred to as the "quad copter," even though some of the products have three, six or eight rotors, aerial photography has again been brought to the forefront. That said, the first thing a person needs to understand is he does not need a quad to take aerial photographs. E-Flite includes a GoPro Hero action camera mount with its Giant Carbon Cub. This is an ideal setup for the modeler who is not interested in either the expense, or learning how to fly multi-rotor platforms.

In concept it should be simple, and in its basic form it is. Mount the camera to the airframe, turn on the camera and go fly. And provided this is all that is done the process is no more complicated than stated. The only thing left is to remove the SD from the camera load it into a computer and edit the video. It sounds simple and it is.



The standard Blade 350QX comes with a "Jello" mount, so called because the anti-vibration balls jiggle when the quad is flown.

The problem arises when the modeler wants to use the real-time Wi-Fi that is part of most action cameras now sold. Unfortunately **Wi-Fi operates on 2.4GHz**, the exact same frequency as our models. Considering we can have multiple models flying at the same time a person would not think this should be a problem but it is. To over simplify, the systems used in action cameras are broadband, they don't "hop" frequencies. Basically what this means is anything within range of the camera can receive the signal. This means smart phones, tablets, laptops, and yes, our airplane receivers are also susceptible to interference from the camera's signal.



One of the more sophisticated of the hobby quality sUAS is the Walkera QXR. The stabilized gimbal is as smooth as silk, and when equipped with a camera that streams on 5.8GHz the transmitter's programming screen turns into an FPV OSD.

I'm not a radio technician; a person doesn't have to be to understand what's going on. When we turn our systems on the transmitter and receiver bind (or link depending upon the brand, it's the same idea) to each other, and are constantly, multiple times every second, hopping around the 2.4GHz band maintaining specific communication, it's what the acronyms that are part of your radio control system mean. This isn't the case with the action cam. It simply floods the 2.4GHz band, so anyone with an app. who is in range of the camera can pick up the signal. The bottom line is **don't use real time 2.4GHz Wi-Fi** when taking aerial photography. You'll lose bind with your model and may cause others within range to lose bind with theirs also.

The AMA has embraced FPV (First Person View) as technology that has become part of model aviation. In an article published in the April edition of *Model Aviation* the author specifies avoidance of the 2.4GHz band, and he is very specific in pointing out an alternate frequency, 5.8GHz, as an option.

A number of companies are offering micro transmitters, about the size of a small book of matches, designed around the action camera. These devices simply plug into the video output jack of the camera and transmit a signal on 5.8GHz to a specific OSD (On Screen Display). In the case of the Walkera system, the transmitter's display actually becomes the receiving OSD. Offered by a variety of vendors, I'll be perusing the floor of the Toledo Show in search of the item. Walkera also offers a GoPro clone that operates on 5.8GHz which is another option. Hopefully, with their popularity, I'll find several FPV systems to look over and choose from at the show.

Club members can rest assured if they see me on the flight line with an action camera in use it won't be transmitting on 2.4GHz, in most cases I'll only be shooting some video as I learn aerial photography, and when I do begin playing with FPV it will be on 5.8GHz.

The 2.4GHz Wi-Fi system currently installed at FVAC is not an issue since it is user specific and direct line of sight to the tower. But as a modeler who's become involved with aerial photography, and will quickly be part of the FPV crowd, I am quite concerned about modelers placing action cameras on the flight line transmitting dirty 2.4GHz in a conical pattern, or every direction from the ends of the runway to the cornfield and shelter.

Although I've said I don't feel the sky is falling, this is something that should probably be addressed at the club level. Those of you who stop in at the helicopter fun-fly in June will notice several of the scale guys have gone back to 72Hz. They want to avoid a potential conflict with 2.4GHz at any level.

No matter what the future of 2.4GHz Wi-Fi and 5.8GHz FPV brings, remember this is a hobby, so go out and have some fun. **DM**

|                 |  |  |
|-----------------|--|--|
| January 1       | <b>First in Flight Fun-Fly</b>                 | 10:00 AM FVAC Field  |
| January 9       | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| February 13     | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| February 22     | <b>FVAC Annual Swap Meet</b>                   | Kane County Fair Grounds                                       |
| March 13        | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| April 10        | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| April 12 or 19  | <b>Member Work Day</b>                         | FVAC Field   |
| April 26        | <b>Fun Fly Open House</b>                      | 9:00 AM – 5:00 PM FVAC Field                                   |
| May 8           | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| May 26          | <b>St. Charles Memorial Day Parade</b>         | Time TBD   |
| June 7          | <b>Kids Day &amp; Rocket Fest</b>              | FVAC Field   |
| June 8          | <b>Fun-Fly &amp; Pig Roast</b>                 | FVAC Field   |
| June 12         | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at FVAC Field                         |
| June 20 & 21    | <b>AI's Helicopter Fun-Fly</b>                 | FVAC Field   |
| June 22         | <b>Geneva Swedish Days Parade</b>              | Time TBD   |
| June 26, 27, 28 | <b>2014 Windy City Warbirds &amp; Classics</b> | FVAC Field   |
| July 10         | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at FVAC Field                         |
| August 2 & 3    | <b>Chicagoland IMAC Challenge</b>              | FVAC Field   |
| August 14       | <b>Cub Fly</b> and FVAC Member Meeting         | Cub Fly 2:00; Meetings- 6:30 Board, 7:30 Regular at FVAC Field |
| August 23       | <b>Festival of Flight</b>                      | FVAC Field   |
| September 11    | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| October 9       | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| October 19      | <b>Fun-Fly &amp; Turkey Fry</b>                | FVAC Field   |
| November 13     | FVAC Member Meeting                            | 6:30 Board, 7:30 Regular at Township Hall                      |
| December 5      | <b>Annual Christmas Party</b>                  | Hilton Garden Inn  |

## SHOT of the Month



Nick Mitrakos' Eurofighter coming in for a landing.

Dale Gathman photo



**THREE DAYS OF  
NONSTOP FLYING!**

Fox Valley Aero Club Presents

**WINDY CITY WAR BIRDS  
+ CLASSICS** JUNE 26TH-28TH **2014** RADIO CONTROL

**9 A.M. 'TILL DUSK**  
AMA EVENT • SPECTATORS WELCOME

**\$5 ADULTS  
\$8 CARLOAD  
KIDS FREE**  
(UNDER 12)

**FOOD • VENDORS • RAFFLES**

**AWARDS WWII WWII  
FOR BEST JETS & MORE**  
MULTI ENGINE

**RV PARKING AVAILABLE  
WITH NO HOOKUPS**  
SECURE STORAGE  
FACILITIES AVBL.

PILOT, SPECTATOR AND VENDOR INFO AT [WWW.FOXVALLEYAERO.COM](http://WWW.FOXVALLEYAERO.COM)



**OPEN TO GIANT SCALE MILITARY  
& CLASSIC R/C AIRCRAFT ONLY**

**80" WING SPAN MINIMUM MONOPLANE  
60" WING SPAN MINIMUM BI-PLANE**

**140" JETS OVERALL  
(WINGSPAN PLUS FUSELAGE)  
ANY PROPULSION SYSTEM  
ANY THEATER OF WAR  
CLASSICS - FULL SCALE REPLICA  
1974 OR EARLIER**

**AIRFIELD LOCATION: ROUTE 38, 1/2 MILE WEST  
OF PECK ROAD ON THE SOUTH SIDE OF THE ROAD.  
LOOK FOR THE FVAC SIGN!**



# 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**  
*(\$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:** (Junior Members only) \_\_\_\_\_ **Dues Amount:** \_\_\_\_\_  
 \_\_\_\_\_ \$ \_\_\_\_\_  
 \_\_\_\_\_ \$ \_\_\_\_\_  
 \_\_\_\_\_ \$ \_\_\_\_\_

**Your Complete Mailing Address:** \_\_\_\_\_  
 \_\_\_\_\_  
 Please list the R/C channel(s) you use: \_\_\_\_\_

**Your Phone Number/s:** \_\_\_\_\_

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

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

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

**Your E-mail Address:** \_\_\_\_\_  
 What is Your Occupation? (Please provide details) \_\_\_\_\_

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

\$ \_\_\_\_\_



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



**Complete and mail this form to:**

**FOX VALLEY AERO CLUB**

**P.O. BOX 837**

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

Signature \_\_\_\_\_

Date \_\_\_\_\_