



Fox Valley Aero Club

Flypaper

April 2018



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AMA Gold Leader Club

Academy of Model Aeronautics
Charter Club #252



PRESIDENT'S MESSAGE

Dale Gathman

president@foxvalleyaero.com



Corsair Progress. If you were able to attend our March Member Meeting, you saw my Corsair wing. I am still working on it, and now have both retracts installed. I will

be installing the wingtip light covers next, and then do my best to get working gear doors installed. The instructions are very light on gear door detail, but hopefully I can get them installed successfully.

Field Work Day. Spring is here, and as we always do each year, we will be having our Field Work Day on Saturday, April 14. 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 use. Karl will be sending out a reminder email a few days before the workday. Due to some additional requirements that have come up when we obtained our build permit for the shed doors, we will be postponing the shed doors install project until the board meets and is able to discuss a few options. For this year's Windy City Warbirds & Classics event, we will be renting the large tent again. But don't worry; we still have other work to do on workday.

Tree Line/Berm Orientation Day.

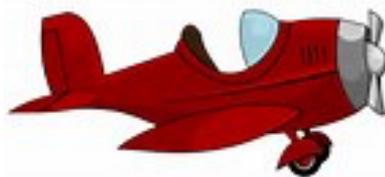
Saturday, April 21 from 9:00 am – 1:00 pm, we will have a flight orientation day. The plan is to have volunteers posted at the gun range berm, and also at the first tree-line to the west. We will have radios,

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 a flight or two in.

AMA Insurance. I was talking with a few of our members at the field on a weekend in mid-March, and the discussion turned to AMA insurance. I was of the opinion that AMA insurance covers AMA members anywhere they fly, and one or two of the pilots were of the opinion that the insurance only covers us when at an AMA club field. I came home planning on going to the AMA site to clarify the issue. To my surprise, while flipping through my April issue of Model Airplane News, a two-page AMA ad on pages 8-9 caught my attention. The ad shows that the insurance coverage we get as part of our AMA membership would cost us over one thousand dollars if purchased individually from a regular insurance company. It also stated "And you're covered whether you choose to fly at an AMA club field, park, backyard or wherever". So, no worries, we are covered wherever we fly.

Hope to see you at the April Member Meeting on the 12th, and please bring your winter projects to show to the group.

Dale



FROM THE EDITOR

Susan Galle

editor@foxvalleyaero.com



I have a pleasant surprise for you - this month we have two additional write-ups - one from a current member Rob Sampson and one from a former - Dennis

McFarlane - Rob is

a retired pilot and is just a lot of fun to be around. Denny (a/k/a Mr. Cindy - He and his wife Cindy no longer live in IL and are now in sunny FL - so trust me you two we're all jealous and wish it would get warm here too (heavy sigh) and hopefully soon). Denny always had something funny to say and the whole time kept such a straight face about it - so sometimes he threw me off but not in a bad way - I'm not alone when I say I miss them both either. There are certain people in life who just add something special to a club without really being in the spotlight and that is what each of them did in their own way. And even though they are farther away now, they are never far from our hearts. What Denny shares may well be something which we might give consideration to. so thanks to both of you for taking the time to send this to me - adding even more interest to our paper.

Lastly and not surprisingly (drum roll please)
I have more tips for modelers thanks in part to Orvil. I hope that they are helpful -Enjoy!

Later,
Susan

FROM THE SECRETARY

Debbie Howe

Secretary@foxvalleyaero.com

Fox Valley Aero Club - Member Meeting Minutes

March 8, 2018 @ Township Hall



President, **Dale Gathman** called the meeting to order at 7:35pm and welcomed everyone and said we have a lot of things to cover due to the last meeting being canceled. Dale asked if **Dan Compton** would come up to the front where Dale awarded him the fun fly award from 2017 for 1st place bomb drop. Secretary, **Debbie Howe** asked for an approval of the January Meeting minutes, **Sal Perno** made motion to approve and was seconded by **Susan Galle**. All approved.

Treasurer, **Paul Jacobs** said the checking account is doing well and to please continue to turn in your dues if you have not done so yet and reminded everyone that at the end of the month if you have not paid yet, you are officially late with your dues and should not fly until those dues are turned in. Paul also gave us a financial run down of the Swap Shop. \$5,302 was our total amount brought in and then with the expenses of \$3,137.30. So there was a profit of \$2154. Paul said the income part of the numbers was the largest ever at \$5,302 but said that the price of the facility has been going up every year and that **John Turner** will be renegotiating that price for next year. Paul explained that the table sales basically cover the hall rental and then our profits actually come from our gate per person fee. It was a great job done by **Joe Pedone** and **John "JT" Turner**. A nice round of applause was had for Joe and John. Thank You!!!

Alvin Cole made a motion to approve the treasurer reports and they were seconded

by **Dave Cotton**, All Approved.

Safety Chairman, **Jeff Peca** let everyone know to make sure to do battery maintenance and to make sure and do cycling and maintenance depending on the type of battery you have. Membership Chairperson, **Tony Bahowick** thanked everyone for being a part of this great club and said that he also is reminding people to get your dues in if you have not. Tony asked new member **Joe Nemec** to stand up and tell us about himself. Joe lives in Algonquin and has been flying at Elgin R/C. He flies electric ducted fans and said we have a great runway for that so he will enjoy coming down here for that. He has been flying since he was in 7th grade and that kind of led to the well known "rc sickness/addiction". He does have a lot of planes in the basement in all stages of completion. He also let us know that he really enjoys the hobby and is looking forward to the flying season with the club. Welcome Joe!!

Next **Dwayne Turner** was introduced and he is now residing in St Charles and was originally from South Carolina. He said **Dan Compton** was showing him around and was strongly considering joining the club. A round of applause was had by all. Welcome Dwayne!!

Dave Bowers and his son Collin were there new to the meetings tonight, they joined the club halfway through last year and he realized he had not done much flying after his father passed away and his son Collin asked why they hadn't been flying and he realized that his dad would have been disappointed if he stopped flying so here he is and he has gotten back into flying. Dave said he was flying a lot of foamy stuff right now and is working on recovering some other planes and loves the feel of the club and looks forward to the upcoming flying season. Welcome Back Dave and Collin!!

Dale Gathman showed us an email from **RJ Monroe**, Dale explained that if you don't know who RJ is, he is the guy that does a great job at announcing at our Warbird and Classics events. The email was from RJ to his own club praising our newsletter to his club. A big round of applause to **Susan Galle** for all the hard work she does with the Flypaper and to all that submit contents as well.

Dale Gathman reminded everyone about the Rock Valley R/C Club Swap Meet, on March 10th. President **Dale Gathman** also showed us the National Model Aircraft Safety Code is now down to a one page document. Dale said there is a book size document that is referenced as well. Field Chairman, **Karl Griesbaum** said that we will be having a field work day coming up April 14th to spruce up the field. We will have a list at the next meeting with things that have to be done that day so we can bring out the right tools for the jobs. Plan on helping out if you can, it's a great day to help get the field ready, kind of that "Opening Day" feel and then **Paul Jacobs** normally goes and gets everyone pizza that has helped.

Fly Paper Editor, **Susan Galle** said she had nothing new.

Government Relations Chairperson, **Tom Spriet** said he had met along with a few others of our members, with the DuPage County Forest Preserve. Tom said that we might have had a real problem that the open land may have been sold off to a housing development and luckily for us that did not happen, BUT.... The land will stay as forest preserve, but the forest preserve already has rules of "no flying over" forest preserve property. Tom did speak to them about submitting special exemption for our two big events. That is being taken under consideration and looks promising. Tom also said that the Forest Preserve seemed like they were very willing to work with us and listened openly to our position. Tom is just asking us to respect our boundaries of the first tree line, and be good neighbors.

Dale Gathman said that he talked to Vicki Gerald from the University of Illinois about the old sprayer that is out at the field and the tipped over tree, as well as the hole in the ground. Vicki said she would have the sprayer removed and the tree would be removed and she would send someone out to check out this hole that appears to be a cistern that may have broke open. Until then we will cover up the hole and rope it off as a safety measure. Dale asked everyone to stay away from that area.

Public Relations Chairperson, **Tom Flint** "also marketing relations" Tom said that we are going to be doing something a little different, he has

been in contact with the Model T car club and they have agreed to bring 20+ cars to the event and now it will be marketed as the "Wings and Wheels, Festival of Flight". Tom is also asking if members can bring any hobby cars that they own as well that day to make the day even more special.

Mike Cannata thanked everyone for all the help selling a lot of his items at our swap shop. He appreciated the help very much.

Rob Sampson was up next with his 90" wing span Waco. He bought this plane at an estate sale and he has looked up a little history of the plane and found that this plane was usually built a two cockpit model but there was one cockpit styles such as this one. It had never been flown and that was a good thing as Rob had a lot of corrections to make on the model to make it flight worthy. Rob said one of the biggest problems he found was the original builder put the fuel tank in backwards and that meant the clunk was facing forward, which meant the minute he would have taken off that clunk, it would be sucking air and killed the engine. The pull pull controls for the rudder and tail wheels were way to loose, so those were reworked. Rob says it weighs about 33.5lbs, he says it was a kit but not sure who the manufacturer was. The struts are welded steel and it is absolutely solid. It looks great Rob!!! Can't wait to see it fly.

Dale Gathman showed us an ad for Sullivan Product, ProRod and it is 6/32 threaded ID rods so these aluminum tubing that can just be tapped and your ready to go.

Doug Swanson was up next with his Cyrus E-Flite Sr22. When **Debbie Howe** asked for Christmas party raffle suggestions, there were only two people who suggested items, one was **Dale** and the other was **Doug Swanson**. Sure enough Doug won the plane at the Christmas party and brought it to the meeting to show us all the cool features. Doug demoed the light system on the plane and the flaps on the plane go back giving it a fowler flap look. Doug did say it went

together pretty smooth. Doug did learn a lesson with the plastic arm that goes over the wheel collar and a set screw that goes in there. So being the modeler he is, he figured he would put

some blue thread lock on there for security and quickly learned that the quick lock will disintegrate plastic parts. Doug said the pilot looks a little out of scale but the plane turned out pretty cool. It has not flown yet but he did let us know that the plane has the SAFE setting but Doug opted to skip that feature. Great Job Doug!!

Jim Clousing was up next with his Decathalon Arf that he has had for about 8 years and decided it was time to build it. It has a Magnum 90, 4 stroke, and 3 ½ Dubro wheels. He did some neat cockpit work to get rid of the raw wood look in the cockpit. He said the only odd thing is the plane needs 2 servos for the elevator, one for each side. Looks great, can't wait to see it fly.

Dale Gathman showed his new corsair 60 that he got started; he showed the new 20channel power safe telemetry receiver that he got from Sal. Kind of looks like a Christmas tree when it is bound; the cool thing is it has a light that turns green when each antenna is bound. A really cool thing is the telemetry tracks the mA hours used on your flight battery. He also showed his DX 18 radio and the electric Robart retracts as well as the 3 piece flaps that came down. He has the evolution 77 radial engine to go in there that he bought after winning the big dog raffle. He also left the new IX12 Spektrum radio up in front for members to see. Dale said the IX 12 takes a little while to start up and basically has cell phone inside and a display that is bright enough to see it in the bright sun, and it does have a touch screen and verbal notification. Can't wait to see her fly!! Nice job!!

Rob Sampson said he also had one of the radios that Dale was showing and said it has a nice template feature that you can put all your throws in the position of your choice and put it on the template feature and it will hold the settings so that you could transfer those settings to any other airplane and have it go to those setting right off the bat. Rob also showed off a D645mw servo and said he was a little confused where a little washer with a bevel on the inside was supposed to go. He said there were no instructions with it but figured out it was a reinforcement ring for where the arm goes on the shaft. This is not on most servos, so something new!

Mark Knoppkie, after watching John's electric start, really wanted one so he bought an electric

start from BME and took it out of the box and used a few pieces and put the rest back in the box and built his own that works great, but now the problem is the cowl needs to be a little bigger and a little bit longer. Mark showed us the cowl that he cut and painted with regular house paint. He used a \$30 sprayer from harbor freight and then the yellow frog tape for masking. Mark said the paint if using a body shop the old way would have been \$66 for the 3 colors and with this way it cost him \$22 including everything. He also showed the way he split the cowl in half on the bottom only and by heating with a heat gun and then let it cool and it stayed there, then he added an inch to the back of the cowl as well. He did a great job of painting and enlarging the cowl. Nice Job!

Tom Flint filled us in on the shed, Tom said we had updated the University of Illinois and got their blessing to put the garage doors on the shed. Then Tom drew up plans for the shed doors and submitted to the city. Tom did a great job of drawing up plans in three layers for the village to see. It would entail walling in the end unit on each side and putting people doors in there and then doing 4 garage style doors in the four remaining openings. These doors would be attached to the pillars that are already there. The cost of the project we are speculating about \$6000 and since the rental of the tent for the war bird event cost the club \$1800 each year, the doors would pay for itself in aprox 3 years.

John Fischer was up next with the Windy City Warbird event update, we have 38 preregistered pilots at this time. There is a slight agenda change, so Thursday night will be the **Boen and Howe dinner** at Tap House Grill and Saturday Morning will be a dawn patrol. Plan on a pizza dinner on Friday night and if people want to fly Friday night they can - the Friday Night flying will not be a controlled event and the field will be open to whoever wants to fly in the evening, giving the staff a chance to go home and get some rest before being back there again early Saturday morning. We have also purchased 2 more

speakers and **Glenn LaRocco** was able to weld up 2 new brackets to hold the speakers firmly on the roof. **Alvin Cole** was able to find 2 used better quality speakers at a great price, in order to extend the sound out further to each end of the field. John also said we also have the pre event

ticket sales starting today. Tickets will be \$5 each or an envelope of 5 tickets for \$20. The hope is, if members buy tickets and pass them out to coworkers, friends and neighbors those people are going to bring others that will pay admission and we will boost our gate sale and the hope is there that all the people will buy shirts and hats and water bottles etc... all with a benefit to our club. John will be looking into any companies about corporate sponsorship as well.

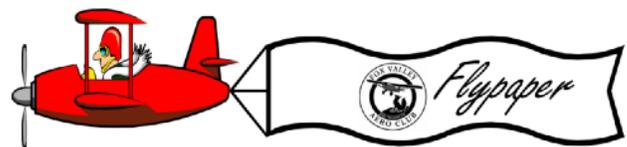
We were reminded by **Tom Flint** that Media Day will be June 8th.

Todd Culbertson said he has some great ideas for some new signage for the Warbird event. We will need new club banners as the old ones got pretty mangled in the wind last year.

Alan Galle asked that we change the date of the 1st fun fly from May 19th due to he is running it and will be out of town. Unfortunately with the next weekend being Memorial Day weekend, the decision was made to have someone else, most likely Dale run the event and leave it on the 19th.

As a final note Dale reminded everyone if there is a snow pile blocking our driveway, please do not drive around it, someone did, not saying it was one of our club members, but... Someone left some big ruts in the grass of the 911 center and we do not want to be responsible for that or get complaints about that.

A motion to adjourn at 9:08pm was made by **Tony Bahowick** and Seconded by **Sal Perno**. All Approved!!!



FROM OUR TREASURER

Paul Jacobs

treasurer@foxvalleyaero.com



As I write this there are still a couple of dozen members that have not paid their FVAC dues and are considered late and forbidden from flying at our field until they are paid. You may pay them by check payable to FVAC and send it to the P.O. Box 837, St.

Charles, IL 60174 or to my home at 1010 Bankfield Ct., Naperville, IL 60540. Remember to keep your AMA dues current as you cannot fly at our field unless they are paid. Most AMA dues expire on December 31st so check your AMA card, Dues for regular member are \$125. Dues for junior members (under 19 years old) are \$25 as well as family members living in the same household.

I got lucky at the Swap and was able to trade a very old Bridi kit (30 years) that was sitting on my shelf for a used Katana. I was able to use all the equipment from my wing tube failed CA Extra to put in it and it is now ready to fly with Smart-Fly/Futaba guidance and DA 100 power.

John Turner and Joe Pedone did another excellent job on the swap to give a good boost to our treasury which stands in great shape and is ready for another flying season which will hopefully come soon.

Until next month,
Paul

FROM OUR MEMBERSHIP CHAIRMAN

Tony Bahowick

membership@foxvalleyaero.com

Meet the New Members -



Dave and Collin Bowers joined mid 2017. Dave first flew with his father years ago but put the hobby on the shelf. When Collin expressed interest, Dave decided to get

back into R/C flying. From Montgomery, they are flying mostly foamies right now



Joe Nemec just joined last month. A United pilot, Joe got into the hobby years ago when his 7th grade teacher gave him a few RC planes. Now his hanger consists of about 25 planes. He's currently flying a Freewing

Eurofighter, J3 Cub and a 30+ year old Sig Kougur. From Algonquin, Joe also flies in Elgin at the forest preserve. He will be using our field for his larger aircraft.

Please give our new members a warm welcome.

Tony

FROM A FORMER MEMBER

Is it time for a new rule?

Dennis McFarlane

Something for the club to consider.

I absolutely detest rules, for as many years as I can remember I've lived by the motto, "Get the govern out of government." That said rules are indeed important, and are generally in place for the good of the whole.

I've had back problems for 30 plus years, this is nothing new, if fact it was about a half dozen years ago they'd flared and it was recommended I try pain management therapy as opposed to having surgery. In my case, not only did it not work, but it wasn't until Doc Ross sent me to a cardioelectrophysiologist (how's that for a handle) that the ticker issues I was suffering were directly linked to the narcotics that had been injected into the lumbar disc spaces.

Enough of the rambling, if someone had told me two years ago I'd be where I'm at now, I would have thought them to be insane. The fact is, I've had two surgeries within the past year and need a cane to walk, or at a minimum have to hold onto a wall just to take a pee.

What this has to do with model aviation is more than a person might think. I belong to two clubs in SW Florida. Cape Coral R/Seahawks (seahawks) and Sarasota R/C Squadron (SRQ). Even though seahawks is considerably closer to our residence and it really is a nicer facility, the trip, especially during the snowbird season is miserable. Between congestion, gawkers and construction, by the time I've made it to the flying field I'm ready for a mental institution, but traffic isn't the real reason I don't fly very often at seahawks.

The SRQ officers and directors realize that some of us have disabilities, that although the disabilities (hopefully in my case temporary) don't prevent us from flying, they do prevent us from standing at the flightline. To this end, the club has provided stools for us to sit on during a flight. There is one stool at every-other flight station, and they can be moved around as needed. Generally those pilots on their feet either

fly from a station without a stool, or they will move the stool away from the station. The stools can be used by the pilot, his spotter or both - completely accepted by every member, they create absolutely no interference, and have provided the enjoyment of our chosen hobby for several of us who would otherwise have to stay home. That said, the stools are put away during events, especially those that draw out-of-town visitors. This is completely understood by all members and there has never been a challenge to or an issue with this policy.

Like most clubs SRQ has a rule that pilots must fly from behind the retaining fence, and this rule is enforced. That means absolutely no leaning against a corner post while flying, and if the pilot needs support he must use the stool from behind the retaining fences. The fences are in place for a reason, and that is to protect the pilot and any spectators.

Having been a past member of FVAC for many years I've been witness to the membership aging. Am I suggesting a change in the club policy? Not at all, that's not my place, but I am suggesting the officers and board of directors take a moment to at least look into it. The cost is marginal, and in the case of Sarasota R/C Squadron, it has kept a number of modelers (active modelers are dues paying modelers) including me, who wouldn't otherwise be able to do so or stay active in the hobby of model aviation.

DM

FROM ONE OF OUR MEMBERS -

Rob Sampson

While driving back from a Florida spring break vacation with my grandkids, I spotted a sign advertising a "Free military aircraft museum " next exit - which is exit 144 on I-75 just south of Macon, GA. I figured it would be a small hangar with a few planes but to my surprise it was at Robins AFB. It is the second largest Air Force Museum in the country, with 85 aircraft, missiles and cockpits. The big ones like B-1B, SR-71, B-52, B-17 etc to fighters, F-86, F-111, P-51,

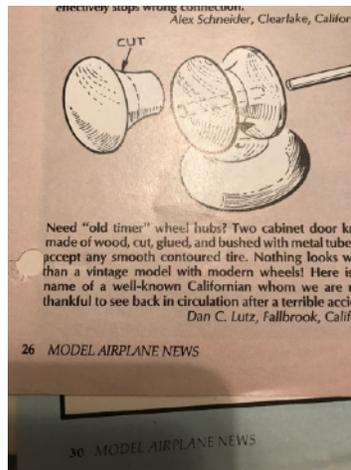
P-40 and trainers, PT-17, PT-19, AT-6, T-37. The list goes on. Check it out at: www.museumofaviation.org. It is worth a stop.

Rob

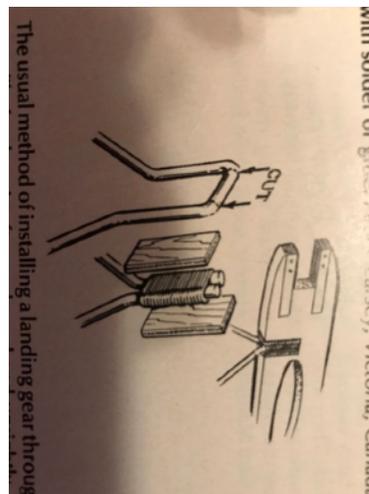


HINTS & TIPS (thank you Orvil!):

Need “old timer” wheel hubs?? Two cabinet door knobs made of wood, cut, glued and bushed with metal tube, can accept any smooth contoured tire. Nothing looks worse than a vintage model with modern wheels! This comes from Dan C. Lutz - Fallbrook, CA.



To make a perfect hole in balsa - place a sanding drum only halfway on your Dremel sanding mandrel - perfect lightening holes can be made. Care must be taken to hold the Dremel motor steady. A speed control can further enhance control.



The usual method of installing a landing gear through a profile fuselage is often awkward and unsightly, If the wire is cut as indicated (see below), bound with wire, and silver-soldered before epoxying between two 1/16 inch ply plates, the complete unit can be epoxyed with micro balloons

into the fuselage slot (it is worth backing up the slot with tape to prevent the epoxy oozing through). When the plywood side cheeks are glued on, the installation is strong - and neat.

Two yardsticks with a pivot bolt at one end create a very convenient tool for checking the alignment of any model, using the trailing edge of the rudder or the tip of the engine shaft as a reference point.

2018 Fox Valley Aero Club Calendar of Events

January 1	Fun-Fly — Frozen Fingers	10:00 am FVAC Field
January 11	FVAC Member Mtg	7:30 Regular at Township Hall
February 8	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
February 17	FVAC Annual Swap Meet	9:00-1:00 Kane County Fair Grounds
March 8	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
April 12	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
April 14	Field Work Day	9:00 am FVAC Field
April 21	Tree Line/Berm Orientation Day	9:00 am – 1:00 pm - FVAC Field
May 10	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
May 19	Fun-Fly –#1	1:00-3:00 FVAC Field
May 28	St. Charles Memorial Day Parade	Time TBD
June 2	Rocket Fest & Family Fly	FVAC Field
June 3	Pig Roast & Fun-Fly	FVAC Field
June 8	2018 Media Day	9:00 am – 3:00 pm - FVAC Field
June 14	FVAC Member Mtg	6:30 Board, 7:30 Regular at FVAC Field
June 21-23	2018 Windy City Warbirds & Classics	FVAC Field
June 24	Open Fly – All Scale	FVAC Field
July 12	FVAC Member Mtg.	6:30 Board, 7:30 Regular at FVAC Field
July 21	Fun-Fly – #2	1:00-3:00 FVAC Field
August 9	Retro Fly	2:00 pm at FVAC Field
August 9	FVAC Member Mtg	6:30 Board, 7:30 Regular at FVAC Field
August 11	Cub Fly – AMA Sanctioned - Open	9:00 am – 8:00 pm - FVAC Field
August 11	Night Fly – AMA Sanctioned - Open	8:00 pm – Midnight - FVAC Field
September 8	Festival of Flight	FVAC Field
September 13	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
September 15	Night Fly & Chili Dinner	7:00 pm FVAC Field
October 6	Fun-Fly #3	1:00 - 3:00 FVAC Field
October 11	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
October 14	Turkey Fry	FVAC Field
November 8	FVAC Member Mtg	6:30 Board, 7:30 Regular at Township Hall
December 7	Annual Christmas Party	6:00 Hilton Garden Inn - St. Charles
December 13	Rookies Christmas Party	7:00 Rookies Sports Bar & Grill-St. Charles

Revision 02-05-2018

"I have to say that flying on Air Force One sort of spoils you for coach on a regular airline."

— *Ron Reagan*

"In America there are two classes of travel—first class, and with children."

— *Robert Benchley*



"I normally scream and
rides, but I'm saving it all up for when
we get on our flight."



More velocity, less wing area Jeffery.





Jeremy Dale



HobbyTown USA

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