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AMA Gold Leader Club



Academy of Model Aeronautics
Charter Club #252

Flypaper

November 2015

Fox Valley Aero Club

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The Fox Valley Aero Club
P.O. Box 837
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Dale Gathman photo

PRESIDENT'S MESSAGE

Alvin Cole

president@foxvalleyaero.com



'Tis the season. We have had a great flying season, great events and lots of fun. Thank you to all that have contributed to make this a fun and safe year. Soon we will be sharing in our holiday party. This is a time to share with others in our annual toys for tots donations. More details to follow. Our party will be December 4th this year on that Friday evening. Please plan to attend. It has been my pleasure to serve you as club president and if chosen this year I will continue to work to help make this a great club to be a part of.

See you at the field.

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.

FVAC *Flypaper* – November 2015

TREASURER'S REPORT

Paul Jacobs

treasurer@foxvalleyaero.com



As the flying season starts to close and we turn our attention to the Holiday season I want to remind everyone to get your checks to John Turner for the FVAC Christmas event on December 4th. See the invitation elsewhere in this Flypaper. The other mini-party is held at Rookies on December 10th our usual meeting night. The club provides the pizzas and beer and

the members get to contribute to the Salvation Army's toys for tots program. Unwrapped gifts are welcome as well as cash. I've noticed quite a few members give gift cards which they really appreciate for the older kids. Any amounts are welcome \$10, \$15, \$25 or \$50 and the Salvation Army really appreciates and looks forward to our contributions to their program.

My fleet has already been put into the hanger for winter and each airplane will receive its annual inspection. My DC-3 has already been taken off the bench after some minor repairs and is ready for spring. I hope to have a dozen airplanes ready to go as I will be able to fly every day next year due to my retirement in April.

The club's treasury is in its' usual great shape going into the year end and we are accepting dues payments for 2016. We are having the Big Dog raffle at the Christmas Party and you must purchase a ticket for \$25 to be in. Last year Kevin Kessler won \$900 which I'm sure he put to good use.

Until next month,

-Paul



SECRETARY'S REPORT

Dale Gathman
secretary@foxvalleyaero.com

Fox Valley Aero Club Member Meeting Minutes

October 08, 2015

@ St. Charles Township Hall

Photos by Jason Boettcher

President Alvin Cole called the meeting to order at 7:33 pm and welcomed everyone.



Dale
Gathman

Secretary Dale Gathman asked for any additions or corrections to the September 10, 2015 Member Meeting Minutes. **John Fischer** mentioned that in the paragraph about the Festival of Flight, it said that the 2016 event will be in September. It will actually be in August. Dale said that he would correct the minutes to reflect this. Dave Murray moved that the minutes be accepted as corrected. John Fischer seconded. Motion passed unanimously.

Treasurer Paul Jacobs reported that the treasury is in great shape for this time of year. There were no major expenses this month, and we picked up a couple of new members.



Paul
Jacobs

Safety Chairman Jeff Peca reported that Debbie Howe volunteered to get a new first-aid kit, and we do have it now. Jeff will put it out at the field this weekend. Jeff asked that if anyone uses something from it that they either replace the item(s) or let Jeff or another board member know so that the item(s) can be replaced. The kit even has



Jeff
Peca

a couple of bottles of water for washing out a wound. Jeff said "If you need it, use it. That is what it is there for". Alvin Cole thanked Jeff as well as Debbie for getting the new kit. The members showed their appreciation with applause.

Field Chairman Mark Knoppkie reported that the new parking lot has been worked on, and as far as he knows we are supposed to drive on



Karl
Griesbaum

it to help pack it down. Someone put some orange cones at the entrance, and Mark is going to check why they were put there.

Karl Griesbaum said that he put the cones up thinking that it was not ready for cars. Mark said that as of a few days ago, **Jim Gnutek**

said to have people drive on it as this would help pack it down. Mark said that fine grindings will be spread on

the new lot next spring to fill in any holes. He is not sure whether the connection road will be put in this year or if it will have to wait till spring. Mark explained that the new lot does not have a gravel base, and will not be strong enough to support large motor homes. Cars and small trailers should be fine. The blast shields will be removed during the Turkey Fry, and volunteers will be cleaning and organizing the storage building this Saturday. Mark will be placing the marker posts along the road during the Turkey Fry this year while the weather is nice. Mark next asked what we thought of the lawn care service this year. Most responded that it was great. **Gary Stephens** asked if the grass runway area can be cut shorter. There was discussion on this, and Gary said that the Shoe Factory Road field is consistently cut shorter than ours. Mark said that it may cost more to get it cut shorter. **John Turner** was asked to weigh in on the issue. JT said that a grass growth regulator is available, which significantly slows the grass growth. He said if the regulator is applied, we pretty much wouldn't have to mow for weeks. JT said that bluegrass can be cut to a length of 3/4". If using the growth regulator, we should cut it to 1 inch. If we use the regulator, there is a risk of the grass going dormant. We will discuss this further before the 2016 mowing season.



Mark
Knoppkie



Alvin Cole

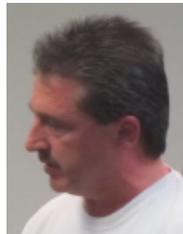
Alvin Cole announced that the Turkey Fry is next Sunday, October 18. This is an annual event where we deep fry turkeys and the members bring a dish to pass. All members are welcome to bring their family and friends. It is a great time to just hang out and enjoy each other's company. The turkeys will be ready to eat at 12:00 noon. We will also fly, weather permitting, as well as have the Limbo fun fly during the event. The Limbo will start at 1:00.

Membership Chairman Tony Bahowick announced that we have 191



Tony Bahowick

paid members this year, which was followed by a round of applause. Tony asked if there are any new members here, and **Vince Colella** introduced himself. Vince said that he pretty much has one of everything. He is currently working with Dave Murray on a jet F16 painted in the Thunderbirds scheme. He has an Extra 260, and an Eclipse. Vince is also a member of the Tri-Village club. The members welcomed Vince with a round of



Vince Colella

applause. Next **John Howe** introduced himself and said that he is now a member, and he also coerced his wife **Debbie** and daughter **Katie** to join too. They



John, Debbie, and Katie Howe

were also welcomed with applause. Welcome Vince, John, Debbie and Katie. Tony then said that he had gotten asked where members can purchase the FVAC apparel. He responded that men's shirts and hats are available through **Karl Griesbaum**

karl.griesbaum@yahoo.com 630-762-1438, and women's shirts are available through **Susan Galle** sgalle@comcast.net 630-697-0474. Alvin then announced that he believes that 28 new members joined the club this year, which was followed by applause.

Flypaper Editor Jason Boettcher announced that the Flypaper is doing good. Alvin mentioned that the board discussed adding photos of the FVAC apparel, along with prices and contact information to the Flypaper so that members have a reference to see what is available.

Government Relations Chairman Todd Culbertson (Rocket Man)



Todd Culbertson

announced that a request came in through **Doug Swanson** from a small Cub Scout group (about 10 scouts) who would like to have a mini Kids Fly at our field on October 24. The board has approved this, and the field will not be closed to members during the event. More details will be obtained and the members will be emailed the details. Todd asked for volunteers with trainers and buddy box setups to help out with this event. Todd mentioned that he also requested to the board that we spruce up the main sign near the monument at the field entrance, to make it look more

appealing.

Festival of Flight – Alvin Cole announced that the Festival of Flight 2016 date is being changed from August 20 to August 6, to avoid conflicting with Warbirds over the Midwest in FonDuLac.

Mike Maciejewski mentioned that a couple weeks ago while he was flying, a member took a drone off from behind the flight line, and then flew the drone from inside the pavilion. Mike was wondering if this was allowed. Alvin responded that the board is aware of the drone issue, and they are working on what the club's policies will be in regards to drones. At this time, drones are included in the helicopter rules, but they also bring a lot more issues that have to be addressed.

Alvin Cole then opened the floor for board nominations for 2016. **Dale Gathman** reported that the 2015 officers, as well as all the directors at large with the exception of Joe Pedone have agreed to serve again if nominated. The following board nominations were made and accepted:

- Alvin Cole** for President (incumbent)
- Dave Murray** for Vice President (incumbent)



Alvin Cole

Dale Gathman for Secretary (incumbent)
Paul Jacobs for Treasurer (incumbent)
John Fischer for Director at Large (incumbent)
Rich Gabrys for Director at Large (incumbent)
Sal Perno for Director at Large (incumbent)
Rob Sampson for Director at Large (incumbent)
Armin Weber for Director at Large (incumbent)
Gary Stephens for Director at Large
Bill Suhr for Director at Large
Kevin Kessler for Director at Large
John Howe for Director at Large

Alvin Cole closed nominations until the November meeting, at which time we will open nominations for the final time.

Show and Tell – **Bill Suhr** showed his Jet Legend Global Jet Club F-15B. It is 1/8 scale, and is 96" long with a 65" wingspan. This plane with the header tank full weighs 34.5 pounds. With fuel the weight will obviously increase, but the plane has a 34 pound thrust turbine on board. Bill then powered up the controls.



He showed that it has ailerons and elevators like most planes, but as he lowered the flaps to take-off position, the intakes also rotate down. This helps the air go straight into the intake while the plane is at a higher alpha during take-off. He also showed off the awesome afterburner lights. Bill explained that one really unique thing about this jet is that the landing gears are hydraulic. It has an onboard hydraulic pump which provides the pressure. Bill switched all of the gear doors to servo, to eliminate the spaghetti mess of tubes he would have otherwise. The



plane at present has 21 servos. The hydraulic system hardly added any weight, and is much more reliable than air. Because the gear have very large cylinders, Bill thought the gear would never have worked once in the slipstream if they were operated on air. To convert them to hydraulic, Bill removed the air nipples on the cylinders and replaced them with Festo fittings. The system runs at 150 psi, and has a little pump motor, reserve tank and reservoir. The hardest thing was to find a reliable valve. The valves that came with it from India didn't work at all, they would bind. He finally found a valve out of Italy that works like a champ. Bill powers the hydraulic system with a LIFE 2100 mAh, and an 1800 mAh LIFE runs the afterburner lights. The receiver runs off of two 3200 mAh LIFE batteries and the turbine uses a 3800 mAh LIFE. Bill started with all of the batteries in the nose, but ended up moving them all back to get the correct C.G. Bill installed a 20 oz. taxi tank into the airplane, so that he doesn't have to mess with an external tank while getting ready for take-off. The plane does have an air tank for the brakes and the speed brake. The whole plane was painted by Bill using Tamiya rattle cans and the paint job looks fantastic.





wells come fully sealed, so the jet will not be susceptible to FOD damage. The thrust capability is anywhere between 16 and 28 pounds, and the flying weight is about 32 pounds. The plane uses one fuel tank which holds 160 ounces of fuel. Dave explained that they made it SIMPLE, they made it AFFORDABLE, they made it SO YOU CAN SEE IT. The instruction manual has color photos. The servo covers have pre-made cut-outs where the servo mounting blocks go to provide ease of install and extra strength.

Dave Murray explained that the turbine jet plane he brought tonight started as a project with Global Jet Club about two years ago. After touring the country hearing many requests for an easy to build, affordable turbine jet plane, Dave and the Global Jet guys put their heads together and designed this plane.



Dave said that he got the plane on Monday, and if he didn't have to go to work tomorrow, he would be flying it on Sunday. Everything fits perfectly. The price for the size that Dave brought is \$1800.00, and they also have a smaller one that goes for \$1400.00. The large plane has a 92" wingspan and is 95" long. The thrust range on the smaller plane is 10-16 pounds. Both planes have pneumatic gear. The booms and wings are covered in Ultracote and the fuselage is painted fiberglass. The large model can be ready to fly for about \$5000.00. The plane has a great speed range, and can fly very slow.

It looks something like a boomerang, but they put a lot of pizzazz into it. The plane has full functioning intakes and is grass capable. The wheel

Bob Boen showed his new B-2 Bomber and Horton 229. Bob said that he is blessed with many good friends in this club.



Cliff Fullhart has been teaching him how to fly biplanes. **John Howe** has been spending half the summer teaching Bob how to fly heavily loaded prop driven warplanes. Bob said that his Corsair was clocked at 140 mph at FonDuLac, followed by a flight of 125 mph into a 30 mph headwind. And now, **Dave Murray** is going to teach him how to fly jets. Bob said that the B-2 bomber will be his trainer to get him ready to fly his new 1945 Horton 229 German flying wing. The only full scale Horton 229 in existence that survived the war is in the Smithsonian. Bob plans on tackling this project sometime in November or December. The Horton will have an 82" wingspan, and twin EDFs at 70 amps each. Dave Murray will fly it. This one will be built for team scale, and if everything goes well the next two years, Bob plans to blow the plans up to 150% and make a 129" wingspan version which will have dual Jetcat turbines. Bob hopes to have the 82" plane flyable sometime in April 2016. The B-2 that Bob brought is from Banana Hobby, is all foam, and has a 1400 mm wingspan. Bob said the quality and finish leave a little to be desired. The plane comes with flaps and retracts and twin 60mm EDFs at 30 amps each. Bob already burned out



one of the retracts. Bob said that if you buy one of these, but plenty of spare parts for it. He also mentioned that the instructions are written in early Sanskrit, and have no data on balancing or throw settings. The plane sells for \$360.00, and the batteries sell for \$119.00 each (two required), and are 6400 mAh 4-cell 65C. Total cost to get it flying is about \$600.00. The plane uses 7 channels. Bob said that the plane taxis straight. He said the prototype model was clocked at 200 mph.

Alvin Cole showed a picture on his iPad of a helicopter that he got to fly in while in Las Vegas. The helicopter took him on a tour of the Grand Canyon.



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 8:31 pm.



Sal Perno

Respectfully Submitted
Dale Gathman – Secretary FVAC



Member Meeting



SAFETY CHAIRMAN'S MONTHLY TOPIC

Jeff Peca
safety@foxvalleyaero.com



First of all I would like to thank all of the club members that have welcomed me and other new club members. The club has far exceeded my expectations. Second, I would like to thank Alvin and the Board for asking me to take over the Safety Chairman position. I wanted to get more involved with the club and this was a perfect way to get started. I will try to keep everyone up to date with AMA safety concerns and provide little safety tips that will keep us all a bit safer. Debbie Howe has acquired a new First Aid kit for our field. It will be

kept on top of the Juice Bar. If you use items from the kit, please contact me so they can be replaced. If you have any safety concerns please don't hesitate to ask.

FVAC Membership Renewal 2015

Dues are now due

Annual Dues are \$125.

Family Members are \$25 each, must be an AMA member and live in the same household.

Children must be under 18.

Make all checks payable to FVAC and send to:

Fox Valley Aero Club
P.O. Box 837
St. Charles, IL 60174-0837

Paul Jacobs
or 1010 Bankfield Ct.
Naperville, IL 60540

FROM THE EDITOR

Jason Boettcher
newsletter@foxvalleyaero.com



One project I'm working on that has fallen behind is publishing our FVAC attire that is available for purchase. I'll be working with **Karl Griesbaum** to sort out what is what and we will have a 'catalog page' in our

newsletter. Here are a couple of examples. We should have something more formal to publish next month.

Hopefully you were able to attend the Turkey Fry. **Karl Griesbaum** and **Tom Spriet** did a fantastic job deep frying the birds, and **Cliff Fullhart** carved them up. There were tons of delicious side dishes to choose from.

The Limbo fun-fly was also a success, thank you **Dale** for coordinating it!

Hope you enjoy this issue. -JB



Turkey Fry and Limbo Fun Fly





Editor Photo



Dale Gathman Photo



Dale Gathman Photo



Doug Swanson Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Editor Photo



Editor Photo



Doug Swanson Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Doug Swanson Photo



Dale Gathman Photo



Dale Gathman Photo



Meet the New Members

By Tony Bahowick



The Howes

John, Debbie and Katie Howe are all involved in RC. They had been very active in the Suburban Barnstormers, all three took responsibilities to help the club function. John's been active in the hobby since he was 14. Debbie started flying RC when she met John 18 years ago. (Their wedding cake had a P51 on top). Katie was 8 years old when she built and flew her first plane (a giant scale!). Current planes include a giant scale Spacewalker and Tele-master.



Vince Colella

Vince Colella's been flying RC for about 10 years and is a member of the Tri Village club (Barrington IL). Vince is flying turbine jets (F16 Skymaster with King Tech 100 turbine) and 3D-Pattern planes (Extra with 30DLE power). Vince is an all weather flyer and enjoys flying a glow powered Escapade when the weather cooperates in the winter months.

Please give them a warm welcome.

SHOTS from the Field



SHOTS in the Air: Limbo Fun-Fly



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo



Dale Gathman Photo

SHOT OF THE MONTH



Dale Gathman photo

Once again Cliff Fullhart, Tom Spriet, and Karl Griesbaum teamed up and "Got 'er Done" for our Annual Turkey Fry



Fox Valley Aero Club
Annual Christmas Party
Friday, December 4, 2015

HILTON GARDEN INN
4070 EAST MAIN STREET
ST. CHARLES, IL

Cash Bar 6:00 P.M - ??

Hor D'Oeuvres 6:30 P.M.

Dinner served at 7:30 P.M.

Music provided FVAC President: Alvin Cole

Raffle Prizes including spouse gifts and "Big Dog Drawing"

Bring an unwrapped toy for the St. Charles "Toys for Tots" sponsored by the Salvation Army

SINGLE: \$30.00 COUPLES \$50.00

R.S.V.P. WITH ENTRÉE CHOICE(s) BY 11/20/15
john.turner@bayer.com or call (630) 443-7807 or (630) 215-6110

*Payment: Cash or check payable to **Fox Valley Aero Club***
Send payment to: John Turner's address in Elburn, IL

DINNER CHOICES including Tomato Soup and Appetizers

-Pecan Crusted Breast of Chicken with honey Dijon sauce topped w caramelized pecans

Or

-Roast Beef with Cabernet Red Wine Sauce

Or

-Penne Pasta with Portabella Mushrooms

Or

- Grilled Salmon grilled in Champaign Dill Sauce (New)

Twice Baked Potato

Salad: Mix Greens w Cranberries, Mandarin Oranges, Feta Cheese & Candied Walnuts

Broccoli Vegetable

Rolls & Butter

Carmel Apple Pie

Coffee, Tea, Iced Tea

John Turner

40W 665 Campton Woods Dr.

Elburn, IL 60119

2015 Fox Valley Aero Club

Calendar of Events

January 1	Fun-Fly — Frozen Fingers	10:00 AM FVAC Field
January 8	FVAC Member Meeting	7:30 Regular at Township Hall
February 12	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
February 21	FVAC Annual Swap Meet	9:00-2:00 Kane County Fair Grounds
March 12	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
April 9	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
April 11	Norton Creek STEM Rocket Contest	1:00-7:00 FVAC Field
April 12	Alternate Norton Creek STEM Rockets	1:00-7:00 FVAC Field
April 18	Field Work Day	FVAC Field
May 3	Batavia Loyalty Day Parade	Time TBD, Parade Begins at 1:30
May 14	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
May 23	Fun-Fly - Two Minute Flight	1:00-3:00 FVAC Field
May 25	St. Charles Memorial Day Parade	Time TBD
June 6	Rocket Fest & Kids Fly	FVAC Field
June 7	Pig Roast & Fun-Fly	FVAC Field
June 11	FVAC Member Meeting	6:30 Board, 7:30 Regular at FVAC Field
June 25-27	2015 Windy City Warbirds & Classics	FVAC Field
June 28	Open Fun-Fly for any AMA member	FVAC Field
July 9	FVAC Member Meeting	6:30 Board, 7:30 Regular at FVAC Field
August 1	Fun-Fly - Timed Loops 5 Inside, 3 Outside	1:00-3:00 FVAC Field
August 13	Cub Fly and FVAC Member Meeting	Cub Fly 2:00; Meetings- 6:30 Board, 7:30 Regular at FVAC Field
August 22	Festival of Flight	FVAC Field
September 10	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
October 8	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
October 18	Turkey Fry & Fun-Fly - Limbo	FVAC Field
November 12	FVAC Member Meeting	6:30 Board, 7:30 Regular at Township Hall
December 4	Annual Christmas Party	6:00 Hilton Garden Inn-St. Charles
December 10	Rookies Christmas Party	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