

AIRPORT DIAGRAM

AL-252 (AMA)

FOX VALLEY AERO (FVA)
ST. CHARLES, ILLINOIS

88°22.5'W

March 2023

FLY PAPER



ELEV
747

800 X 50

ELEV
739

VOCAL DECLARATION OF TAKEOFF &
LANDING INTENTION IS REQUIRED.

The Flypaper is a
monthly publication of

The Fox Valley Aero Club

An Illinois not-for-profit
Corporation

P.O. Box 837
St. Charles, IL 60174-0837

www.foxvalleyaero.com

AMA Gold Leader Club



Academy of Model Aeronautics
Charter Club #252



FVAC Annual Swap Meet 2023

President:
Dale Gathman
president@foxvalleyaero.com

Vice President:
Dave Murray
vicepresident@foxvalleyaero.com

Secretary:
Armin Weber
secretary@foxvalleyaero.com

Treasurer:
Scott Stampfli
treasurer@foxvalleyaero.com

Flypaper Editor:
Paul Martin
newsletter@foxvalleyaero.com

Doug Swanson Photo



President's Message

Dale Gathman

president@foxvalleyaero.com

Swap Meet 2023 – Wow, what a fun and successful Swap Meet. Our swap meet, held on February 18, was a great event. Thanks go to JT and Joe, and all of the members who volunteered their time. Thanks to you, our swap was a huge success. It was good seeing some of the 'repeat' sellers come together with some new ones this year. Many of our members were able to sell some of their stuff that they no longer needed or wanted, and some of those items were just what someone else was looking for.

We are still looking for a Field Chairman for 2023 – We still need a field chairman this year. I will temporarily be handling the scheduling with the help of volunteers. If you have an interest in taking over the Field Chairman duties, please contact me to discuss. You would be doing your club and fellow club members a great service.

FAA Remote ID— I am happy to report that we have sent in our FRIA (FAA Recognized Identification Area) application to the AMA. They have reviewed it and helped me accurately report our field location and flight area. The next step is that the AMA will submit the applications to the FAA for us. After that, we wait to get word back on our club's field approval.

This approval will likely take months, as the FAA will be getting a large number of applications to review. Once our club field is approved as a FRIA site, our members and other guest pilots who are AMA members will not be required to comply with the Remote ID requirement for our aircraft while flying at our club field. The Remote ID requirement is scheduled to go into effect on September 16, 2023. Be assured that we will be keeping a close watch on this situation as it progresses and will keep you informed on what we learn.

I hope that you can make it to our Member Meeting on Thursday, March 9 at 7:30 at the St. Charles Township Hall. I look forward to seeing you there. Make sure to bring any projects you have been working on. Your fellow members would love to see them. Show and Tell is always the highlight of the evening.

Dale





Secretary's Report

Armin Weber

secretary@foxvalleyaero.com

Fox Valley Aero Club
Member Meeting Minutes
February 9, 2023 at
St. Charles Township Hall

1. **Welcome Members and Guests** – Dale Gathman.

Dale Gathman called the meeting to order at 7:35pm.

Dale Gathman received merchandise from RTL fasteners. Raffle was held. Several members received Servo screws, and 20% discount certificates.

2. **Approval of Member Meeting Minutes from January 12, 2022** – Armin Weber.

Dale Gathman asked for a motion to accept the January Member Meeting minutes. Motion made by Bill Suhr, second by Dave Cotton. All approved.

3. **Treasurer's Report** – Scott Stampfli.

Scott reported we are doing good. Balances are similar to this time last year. Recent income includes swap table sales and dues. Expenses include field lease and swap.

Dale Gathman asked for a motion to accept the Treasurers report. Motion made by Dave Cotton, second by Rob Sampson. All approved.

Dale Gathman reminded members that March 1 was the deadline for Dues. After that it is an additional \$25.

4. **Safety Chairman's Report** – Jim Thompson. Nothing to report.

Members reported that items in the First Aid Box received water damage. We will replace items as needed.

Jeff Peca suggested we look into purchasing an AED Defibrillator machine. The machine would be housed in the pavilion during the summer and removed during the winter months. Jim Thompson will look into it.

Mark Beezhold suggested mowing services for the Monday morning mowings in Lieu of member dues. Dale Gathman explained we cannot do that. The dues are required to maintain the club/field.

Dale Gathman reminded members that the runway will not be seal coated until after the Lease is renewed.

Dale also reminded members to post FVAC events in their local Patch web sites.

Members reported that the East field camera is non-functional. Further testing will be done to determine the cause.

5. **Government Relations Chairman's Report**

– Dale Gathman for Tom Spriet. Nothing to report.

6. **Membership Chairman's Report** – Dave Cotton.

Member count at 206.

Welcome new members: John Shultz and Jeff Hughes.

7. **Field Chairman's Report** – Dale Gathman.

Projects for workday will be:

- a. Painting of Pavilion roof (top only, inside is ok).
- b. Raise Tennis Net poles.
- c. New plywood on parade float and epoxy paint.

Still looking for a volunteer for Field Chairman. Contact Dale Gathman if interested.

8. **Flypaper Editor's Report** – Paul Martin.

No report.

9. **Public Relations Chairman's Report** – Todd Culbertson.

No report.

10. **Swap Meet Report** – John 'JT' Turner.

119 Tables sold. Setup will be Friday 2/17 at 4pm. \$5 entry fee. Food will be available.

Doug Swanson will run the Micro fun fly in the afternoon.

11. **Windy City Jets Report** – Dave Murray.

Dave Murray reported: The flyers and posters are in process. These will be displayed at the swap and local businesses. The roster of 40-45 pilots is nearly full. Two more sponsors have been secured and donations are coming in.

Dave Murray is considering Kabobs instead of Buona Beef. We will get more food for less money.

Volunteers will be fed.

Jim Thompson and Dave Murray are coordinating WCJ and Festival of Flight events.

12. **Festival of Flight Report** – Jim Thompson.

Jim Thompson reported: There will be no car display this year due to space restrictions. The sanctioned event will be advertised in RCU & RC-Groups. Food Truck will be available.

Jim also reminded members of the electric event scheduled for July 1.

13. **Flight Trainers** – Dave Jacobsen Chief Flight Instructor.

- a. Tom Blassick, Paul Martin, Matt DiPietro (ducted fan), Art Alvarez.
- b. Any others interested in training contact Dave Jacobson.

14. **Sanctions Needed** – Dale Gathman.

- a. Windy City Jets – 9/8, 9/9 - Gary Koester.
- b. Festival of Flight – 9/10 - Jim Thompson.
- c. Electric Only Fly – 7/1 - Jim Thompson.
- d. Cub Fly – 8/12 – Doug Swanson.
- e. Night Fly – 8/12 – Mark Knoppkie.
- f. Tailgate Swap – 9/16 – Dale Gathman.

15. **Status of all members who are CD or EM.**

No discussion

Show & Tell:

Kevin Hersey brought his Mr. Mulligan from the Bud Nosen kit. The ¼ scale model is covered with white iron on fabric finished in Bendix Air Race colors.

Graphics are from Callie Graphics. Power is a Zenoah G38.



Mark Beezhold commented he procured a new Cirrus SR22T.

Motion to adjourn by Dave Murray, second Patrick Lavigne, all approved. Meeting was adjourned by Dale Gathman at 8:50pm.

Minutes submitted by Armin Weber – Secretary

From the Editor

Paul Martin

newsletter@foxvalleyaero.com

Hello everyone,

As we work our way through the tail end of winter I am sure that everyone is "chomping at the bit" to get out to the field and fly their new projects, or old, in some warmer temps.

In this issue, John "JT" Turner gives us a synopsis of a very succesful FVAC Swap Meet and Indoor Foamy/Micro Fly.

If you are still looking for some additional RC items, Armin Weber has included the flyer for the Propmasters Auction. The event will be held March 28 in Naperville. In addition, Armin Weber submitted some pictures of a very handy workshop airbrushing hood.

The real star of the issue is Todd Culbertson and his built from plans SR-71 Blackbird. Todd has written and arranged a spectacular article detailing the construction of this very interesting subject. If you are interested to learn more about this plane, Todd is planning on bring it to the meeting on Thursday. I hope I can see this airplane fly sometime in the future! I am sure it will impress!

Paul



Watcha got?

The *FlyPaper* is always looking for content! Send your builds, tips, and tricks for inclusion in this newsletter to: newsletter@foxvalleyaero.com

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 Swap Meet 2023 Report and Thank You

Written by John "JT" Turner

Dear Fellow Member/Guests and Volunteers:

The 18th annual Fox Valley Aero Club SWAP finished this year with another successful event at the Kane County Fairgrounds. A huge thank you to all the volunteers who assisted with the many responsibilities before, during, and after the show. A lot of pre-planning takes place and a big thank for Mr. Joe "Tucson" Pedone who continued to step up with logistics, payments, and table commitments up to the final hour. Additional kudo's go to Scott Stampfli (treasury) who helped with PayPal along with Bob Mosinski (Webmaster). Using the links for payments and sign-ups allowed for smoother communications during the reservation period.

Many other members and volunteers contributed with club table registrations, 50/50, signs, and set up/take down. Again, Kevin Hersey and his team did an outstanding job for club table donations and cash sales exceeding \$1,500. The day finished with Doug "Magic" Swanson helping with the annual foamy flying ranging from micros to mini drones. Accounting from revenues and expenses, reflected a record return of over \$3,700 which included a sellout table rental, 50/50, club table, and additional walk-in buyers. This year's 50/50 winner was Tony Sokol's grandson, Anton, who went home with \$350.00 to purchase a drone or apply a down payment on grandpa's Phoenix.

Mark your calendar for February 17th SWAP with some important new opportunities to be announced by your SWAP Team and BOD's. Again, thank you and see you at the field hoping for an early spring.

Sincerely,
John "JT" Turner
Joe Pedone
Scott Stampfli
Dan Vancura



Scott Stampfli

Hillary Bean

Tom Bean

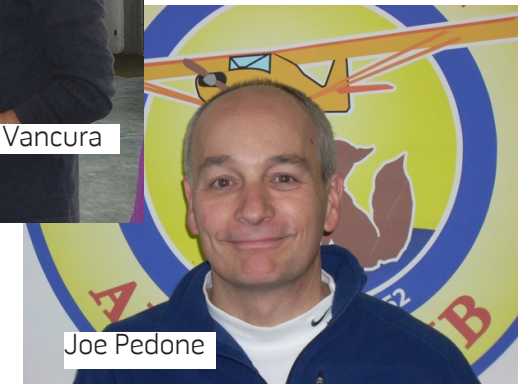
John "JT" Turner



"JT" on the Mic



Dan Vancura



Joe Pedone

(continued)





Dave Jacobsen and Kevin Hersey



Scott Schilling



Steve Haas



Dale Gathman



John Fischer and Dave Cotton



Swap Meet Foamy Fly

photos by Doug Swanson





From Right, Me, my son Andrew, Richard my future son in law. This was Space Shuttle V3 (got video). V4 is on the drawing board

Hi Members!

My name is Todd Culbertson, call sign Rocketman. First of all, it's a privilege to share our great field with all of you here at Fox Valley Aero. I'm submitting to you a picture story of my build(s), but also want to introduce myself as your new Public Relations Chairperson for 2023—thanks Tom Flint for your past years of service to the club. I've been a club member for probably 15+ years, from the former field across 38 to the building of our new field—what an awesome facility! And the best part about our club is it's members—they are friendly, knowledgeable, wise, experienced, teachers, mentors—and some are funny looking and real jokers:) What a great group of people we all are - I'm excited to share 2023 with you.

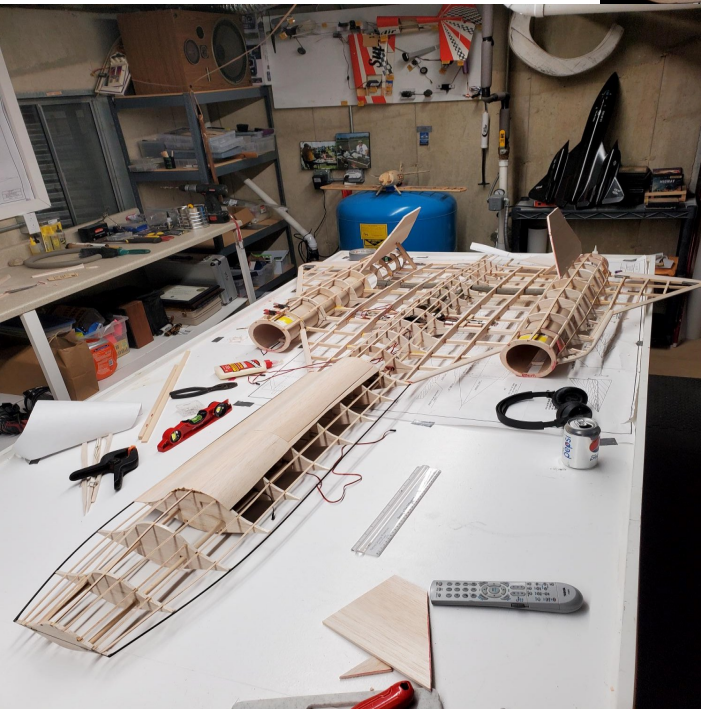
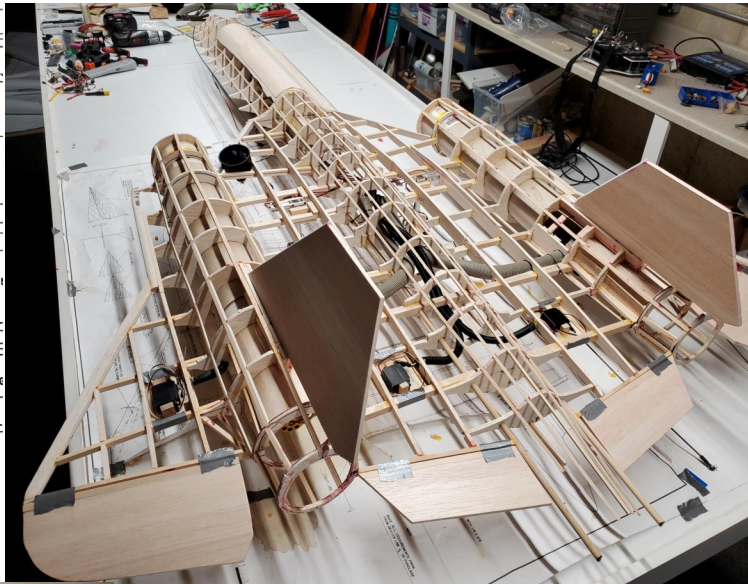
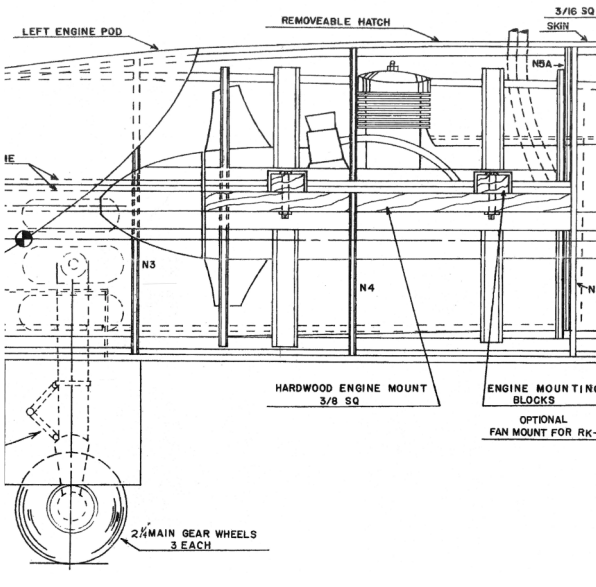
I've lived here in St Charles for 25 years, I have a great wife, three grown kids all doing great, I live off of Lafox Rd in a great custom cedar ranch—with my jet boat, workshop 1 and my hangar in the garage, and workshop 2 in my basement. I'm a 31 year veteran in the copier industry, more than half of it selling the most advanced digital printing equipment serving commercial printers, corporate, and not for profit clients. I built a Production Print Program at Impact Networking, and I have an awesome showroom with the right tools for the job of colorfully getting our name and events spread throughout our community via print. Most importantly is to let the whole community know that they can come to Fox Valley Aero and get excited about flight—especially our youth, inspiring the pursuit of STEM professionals - we need them!

This club is totally worth promoting, I have great plans for this year, we have some great events scheduled. I'm happy to announce that I will be the master of ceremony for the Family

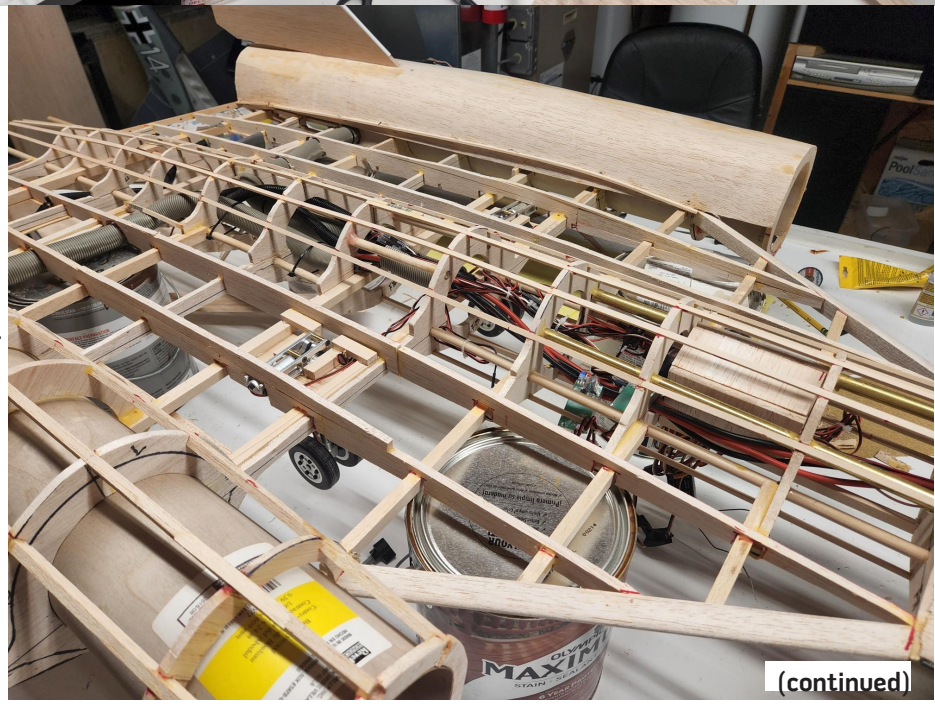
Fly Day AND, the Cub Scout Rocket Fest coming back again after a few years off. I'm sure there are pic's out there on the site from these past events—what a great way to give back to the community. The date is August 26th—to help draw a crowd back to Windy City Jets and Festival of Flight a couple weekends after. I'm going to do my best, because we are all passionate about our hobby—I encourage all of you to continue to give it your all, helping each other way you can. We are all surely rewarded with a beautiful field **So, the pic's.** The first set is my shed / greenhouse and raised garden bed for my wife, built it from a sheet of paper doodle plan —**THE REASON I DIDN'T DO MUCH FLYING LAST YEAR!**



THE SR-71 Build from sheets and sticks to covered to fiberglass to prime to paint! She will be flying in the spring >>>



The plans were bought 5 years ago online for \$20, they were old, you can see the nitro engine in the clip above. I copied the plans onto adhesive label material, cut them out, laid them over 1/4 inch balsa and cut those out using a table jig saw. I cut holes in the stack of templates and inserted dowels and spread out the ribs perfectly straight and glued them in place. I added the sticks to create a strong and flowing surface, then big sheet balsa over the top, it was pretty lightweight just the frame.



(continued)



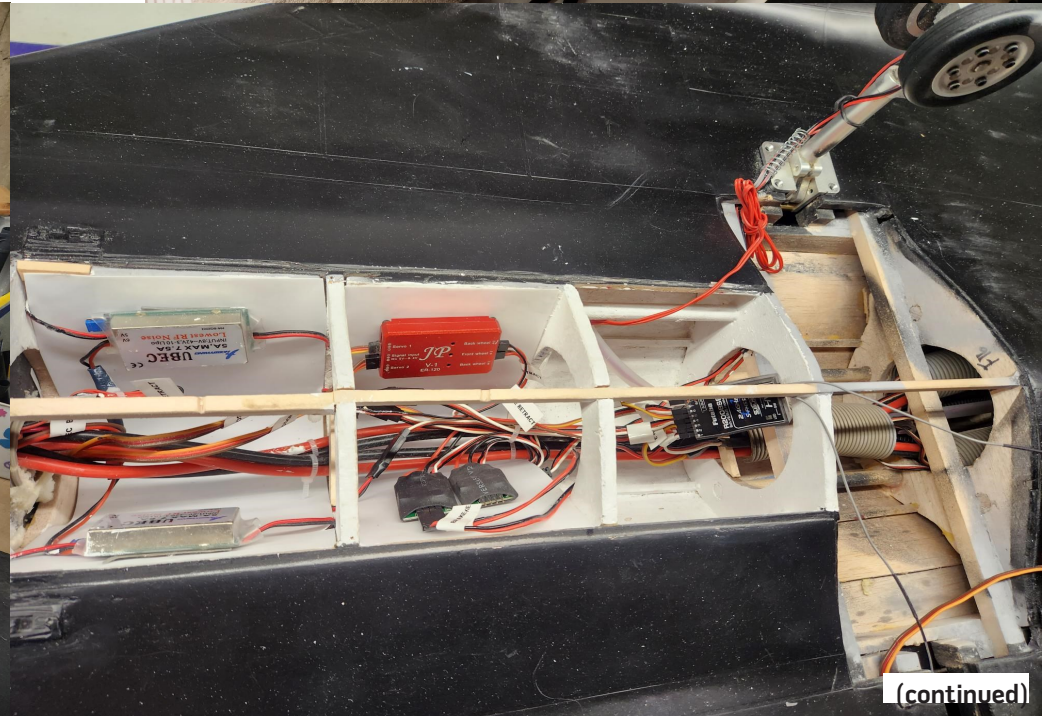
Left: Fiberglass bottom side
Right: Hibatu material, brushed the epoxy on top for large surface areas—very smooth after ripping it off.
Bottom Left: Primed main body.
Bottom Right: All control surface pieces and fuselage. Fans, cones, nozzles, servos, and afterburner lights.
My Man Cave





SR-71 Build

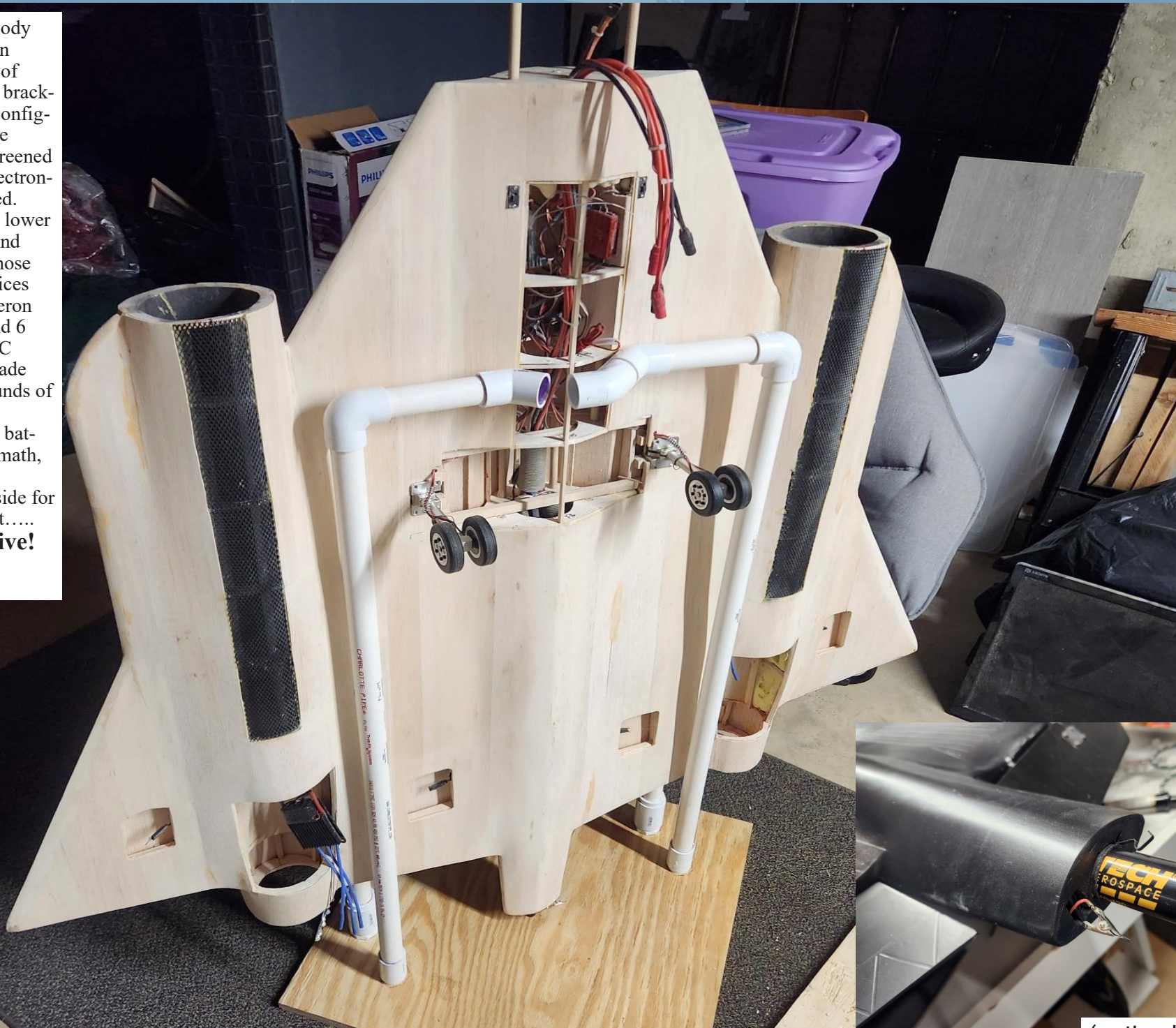
Left: Panel line tape—2mm. Spray and pull em off.
Right: Ribbed affect using 3mm tape, left them and sprayed over.
Bottom Left: Black sprayed, hooking up hardware.
Right: All electronics, bay organized, and wires labelled. Plan on clear acrylic for display





The model is in two pieces—main body and fuselage. I built this stand, its on wheels, breaks down flat. Two sets of PVC pipes are removable fashioned brackets to support the main body while configuring it with the fuselage. Note the cones and long cut outs are metal screened for entry air. Once assembled, all electronics and flight surfaces can be checked. Remove the front PVC brackets and lower the Blackbird to the ground for ground testing all landing gear, brakes and nose wheel. No rudder, four control services set up in Elevon for elevator and aileron functions. 1-2-3-4 plus 5 retracts and 6 brakes. 8s per fan with separate BEC each. 150amp ESC and 90mm 12 blade fan producing approximately 12 pounds of thrust each. Model weight was 17.5 pounds prior to fiberglass and paint, batteries add 5 pounds. Just doing the math, should end up with a 1 to 1 thrust to weight ratio. I have channel 7 set aside for something special—see bottom right.....

Come to the meeting, see it live!
Rocketman



THE MONEY SHOT!

THE MONEY SHOT!





Propmasters RC Auction

Tuesday, March 28th

Join us for an exciting and fun evening...take this opportunity to clear out some of your RC surplus, or add RC items you might need or simply desire. While primarily about Model aircraft/drones and equipment, any RC related items are welcome.

Community United Methodist Church
20 N Center St.
Naperville, IL 60564

Use the Center Street entrance on the west side of the building.

Doors will open at 6:00 PM, auction will start at 7:00 PM.

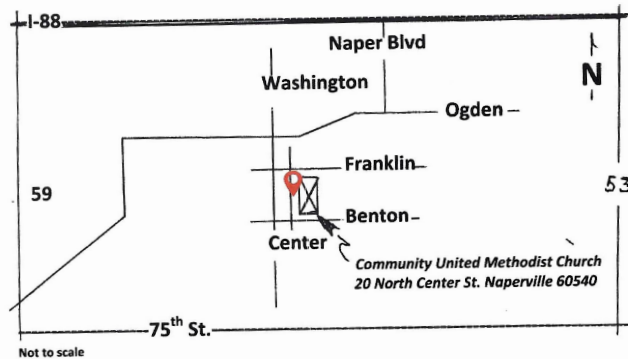
Buyers and sellers: \$5.00 entry fee. Children under 12 free. Sellers: \$1.00 for each of the first 15 items to be sold. The maximum a seller will pay for entry is \$20.00 no matter how many items you bring to auction.

Water, pop, coffee and light snacks will be available for purchase.

Visit our web site at <https://propmastersrc.org/auction> for the most up to date information, or email auction@propmastersrc.org.

You are responsible for protecting the value of your item. If the bidding price is not high enough, it is up to you to bid it up. All sales are final, and money exchanges are between the buyer and seller directly. All proceeds from the sale go to the seller. The club will not be handling the money for the transaction.

Armin Weber has submitted a flyer for the Propmasters RC Club auction. The Auction will be held on March 28 in Naperville. All other information is in the flyer to the left



Workshop Airbrushing Shelter

submitted by Armin Weber

I just wanted to share this handy tool I came across.

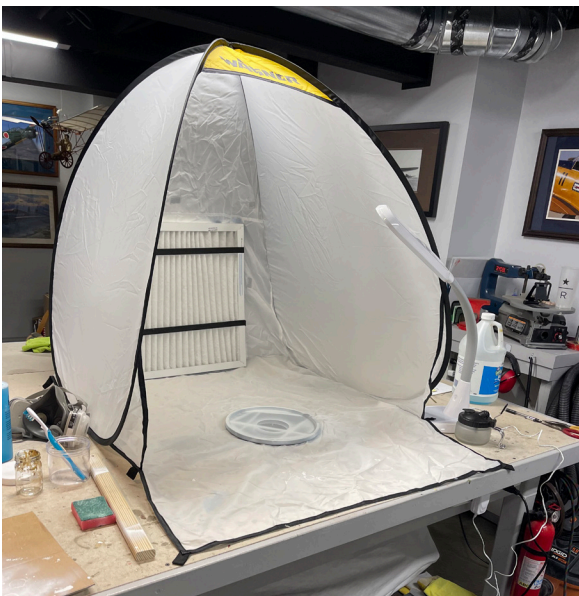
Painting in the winter months has always been a problem. Even small projects can generate a lot of overspray.

I found this spray shelter on Amazon for \$25. It stores in a small pouch and quickly unfolds. Just add a furnace filter and box fan.

It works great. All the overspray is forced into the filter. And virtually no paint smell.

Thanks,

Armin Weber

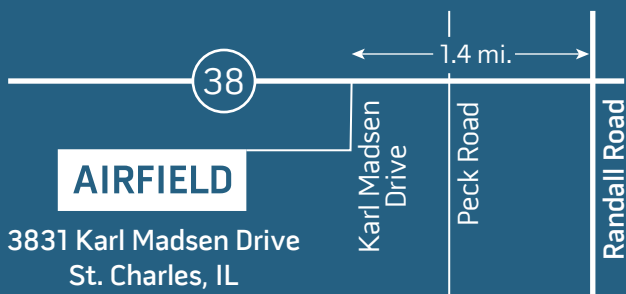


WINDY CITY JETS

Radio Control Jet Airshow



September 8 and 9, 2023
9 a.m. to 5 p.m.



Adults: \$5.00 Kids 12 and under: FREE
Food Vendors Onsite
Incredible Turbine-powered RC Aircraft
Skilled and Safe Pilots

Hosted by: **FOX VALLEY AERO CLUB**

www.foxvalleyaero.com
see website for more information

January 1	Fun-Fly — Frozen Fingers	10:00 am FVAC Field
January 10	FVAC Member Meeting	7:00 Board Zoom
January 12	FVAC Member Meeting	7:30 Member at Township Hall
February 9	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
February 18	FVAC Annual Swap Meet	8:30 – 4:00 - Kane County Fairgrounds
March 9	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
April 13	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
April 22	Field Workday	9:00 – FVAC Field
April 29	FVAC Cookout - Awards and Raffle	12:00 – FVAC Field
May 6	Tree Line/Berm Orientation Day	9:00 – 1:00 – FVAC Field
May 11	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
May 29	St. Charles Memorial Day Parade	TBD
June 4	Fun-Fly – #1	11:00 – 1:00 – FVAC Field
June 8	FVAC Member Meeting	6:30 Board, 7:30 Member at FVAC Field
June 25	Swedish Days Parade	TBD
July 1	Electric Only – AMA Sanctioned	10:00 – 2:00 Electric Only – FVAC Field
July 6	FVAC Member Meeting	6:30 Board, 7:30 Member at FVAC Field
August 5	Retro Fly	9:00 – 3:00 - FVAC Field
August 6	Fun Fly - #2	11:00 - 1:00 - FVAC Field
August 10	FVAC Member Meeting	6:30 Board, 7:30 Member at FVAC Field
August 12	Cub Fly - AMA Sanctioned	9:00 – 1:00 Cubs Only - FVAC Field
August 12	Night Fly – AMA Sanctioned	6:00 - Midnight - FVAC Field
August 26	Cub Scout Rocket Fest	9:00 - 11:00 - FVAC Field
August 26	Family Fly Day	1:00 - 4:00 - FVAC Field
Sept 8, 9	Windy City Jets Invitational	9:00 - 5:00 - FVAC Field
Sept 10	Festival of Flight	9:00 - 5:00 - FVAC Field
Sept 14	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
Sept 16	FVAC Tailgate Swap Meet - Sanctioned	9:00 - 1:00 – FVAC Field
Sept 17	Fun-Fly #3	11:00 - 1:00 - FVAC Field
October 7	Turkey Fry	12:00 – FVAC Field
October 12	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
November 9	FVAC Member Meeting	6:30 Board, 7:30 Member at Township Hall
December 9	Christmas Pizza Party	6:00 Nick's Pizza & Pub - Elgin

Note that starting this month we are back to meeting at Township Hall!

Township Hall

Fox Valley Aero Club Flight Boundary Map

Rotary-wing Aircraft Only Area

Forest Preserve Property

Western Boundary - First Tree Line

Flight Area (unshaded, red boundary)

Eastern Boundary - Base of Police Gun Range Berm

Police Gun Range

9-1-1 Dispatch Center

Red shaded area = No-Fly Zone

FVAC NEW MEMBERSHIP FORM

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

- Dues for Regular Members (19 years and over) \$150.00 per Member
- Dues for Junior Members (18 years and under) \$ 25.00 per Member
- Family Membership \$150.00 1st Member
(\$25 for each additional family member with an AMA card, either a spouse or a child under 19 years old.)

PLEASE PRINT

Your Full Name:	AMA Number:	Birthdate:	Dues Amount:	Include me on the club email list.
_____	_____	_____	\$ _____	<input type="checkbox"/>
_____	_____	_____	\$ _____	<input type="checkbox"/>
_____	_____	_____	\$ _____	<input type="checkbox"/>

Your Complete Mailing Address:

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

Your Phone Number/s:

Home: _____

Work: _____

Cell: _____

What is Your Occupation: (Please provide details)

Your E-mail Address: _____

Total Payment Enclosed:

\$ _____



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 _____