

Hawk Talk

The Voice of the Omahawks RC Club, Vol. 73, Issue 01

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Grant Schulte

Congratulations on your election to President

Club's President's Message for January 2024

Happy New Year, Omahawks!

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Hope you're all doing well and excited for another year of building, flying, rebuilding (hopefully not too much!) and fun with your fellow members. I'm stoked for what 2024 will bring and ready to add a few new planes to my fleet!

For those who don't know me yet, I joined the club about three years ago with an old Hobbico glow trainer that I couldn't figure out how to start. When I asked for help, I was blown away by everyone's friendliness, expertise and willingness to help.

One thing led to another, and pretty soon I found myself eagerly waiting for Thursday nights just so I could come fly and hang out at the field. I was nervous at first and pretty new to the hobby, but the welcoming atmosphere set me at ease. And when I finally soloed that trainer – man, I was hooked!

That's a tradition we plan to continue. I'm honored to serve as your President this year along with your new Vice President, Shaun Brothers; returning Secretary Rick Sessions and Treasurer Kevin Hyde; and President Emeritus/Board Member Luke Hughes, along with the rest of the Board and club leaders. We have a fantastic team, including so many of you who show up at Hawk Field and/or Oakview to help and have fun.

Stay tuned. We have a lot planned for this year – just check the Google calendar on the website! – and hope to see at the field soon.

Omahawks Business Meeting January 2024 Minutes

Tuesday, January 16th, 2024 at 7:00pm via Zoom Link:

<https://us02web.zoom.us/j/88534505732?pwd=U2dudmJ2TjBKalE2YmxpRUdyZ2dqZz09>

Club Officers:

President – Grant Schulte

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- VP – Shaun Brothers
- Secretary - Rick Sessions
- Treasurer - Kevin Hyde

Board

- Doug Sandberg
- Jim Henley
- Luke Hughes
- John Petersen
- Dan Fitzgerald
- Jim Boomsma

Field Chairman

- Cole Meyo
- ### Safety Officer
- Jim Boomsma

Guests: Hague Howie, Paul Edmunds

Officer/Chairman/Editor Reports:

Treasurer Report: (Kevin)

Membership Count: **103** for 2024

Newsletter Report: Editors - Joe/Grant, Safety - Jim Boomsma, Training 'Sessions' - Rick Sessions, 'Julian's Journal', 'Kevin's Corner'

Old Business:

Field Improvements:

Weather station – No decision yet. We'll plan on discussing with Dan, hearing his thoughts/recommendations about prices and features possibly at the February meeting. May approve funding then.

Marketing ideas:

FRIA Status and AMA: Follow AMA suggestions, or comply by March 16, 2024.

Training Night: Rick/Luke and the task force have come up with some good guidelines to improve safety and the training experience. It's a work in progress, we'll plan a soft rollout to see how it works in April. Recommendations include signage to indicate pattern direction, timed flight slots to avoid

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overcrowding/mixing trainers with more aggressive planes. Luke is working on signage, will coordinate with Rick. We're planning our Training Night Planning meeting on MARCH 13.

New Business:

Appoint Field Manager and Safety Manager. The board approved **Cole Meyo** for another term as Field Chairman and **Jim Boomsma** as Safety Officer. Congrats, guys! Jim is planning to hold another safety briefing with AED and tourniquet instruction at the February member meeting. Luke said we were "going out on a limb" with Jim as safety officer, but he was happy to support him as long as Jim doesn't try to climb any more trees.

AMA Field Improvement Grant: We're going to apply for funding to help with our split-rail fence and shed upgrades. No guarantees, but Grant received good initial feedback from AMA. Will apply by late January.

Field Camera: Inoperative right now due to extreme cold. Luke has dealt with this before and will head out to the field to insulate it as soon as he's able to power through all the snow!

T-Shirts, Polos & Jackets: Luke/Kevin - Luke is shopping for the best materials/pricing. He has some samples he'll bring to the member meeting. Kevin has received the eight Carhartt jackets members have ordered. If other members are interested in a jacket, let him know. With enough interest, we could do another order.

Other: Google drive, docs, sheets use for 2024 Events, committee organization, other ideas '24 officer offer alignments. Officers can access.

Develop a standard email to guide new members through the sign up of 1) FAA 2) AMA and 3) Omahawks. Kevin already has some templates.

Add a regular fun fly night every week, weather and wind dependent. Notice to appear on website by Sunday each week. We'll probably start in April, around training season. Rick says we'll need a point person. Is anyone interested in taking ownership and coordinating the weeknight Fun Flies? Also, we should give it a name. Maybe have events featuring certain types of planes? Jets in higher wind, etc.

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New Keys for 2024: Kevin and Luke to coordinate and communicate key swapping, old to new. We now have a database of people who have keys and those who don't. Huge thanks to Luke and Doug for distributing them and Kevin for coordinating and tracking! New keys are numbered 300+, recycled old will be re-cut with second notch. Watch for signs, news article and email. Conversions to be complete by March 31, 2024. (We have 60 outstanding, non member keys outstanding.) Kevin, Luke and Cole will have new keys to swap. We have about 60 new keys cut, got those out and ready for distribution. Good progress so far, we're aiming to get most out to members by end of January/February.

Develop an expert contact list for: a) Foamies b) Spektrum c) Foam repair d) Electronics e) Jets f) Junior learners g) Web site log in h) Remote ID (R.I.D) i) others?

Build Events at Oakview: Jim Henley reports fairly strong interest in build events at Oakview. We have acquired a 1/5-scale Stearman PT-17 biplane that is already framed up and just needs to be covered and some other work.

We also have a partially completed, ¼ scale Hall Bulldog donated to the club by Frank Wisniski that is framed and about ready to cover. It's very well-built. Jim and Luke have talked about covering it. Frank donated it to the club with the intention that the club could finish the build and sell it, keeping the proceeds. Would need to invest in the engine, covering and possibly other materials, but the plane would be quite the looker once finished. Sell via a silent auction? More discussion later.

Hague is starting a Girls and Boys Club and Girls Inc aviation training. Will include a couple training events at Hawk field.

2024 Morning Events: Shifting several from Wednesday morning to Saturday morning to encourage more participation. A pancake brunch a couple times too, donuts and coffee other times.

Rick went through the calendar and switched at least a few Wednesday events to Saturday. It'll be a good to see which day works best for people. We'll designate one early on as a pancake event.

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- Training on basic first aid
- Field signage

Omahawks Member Meeting December and Jan 24 Minutes

As is our tradition, there was no December Member Meeting (*hence no meeting minutes*).

Editors Note: *I did not receive any January 2024 Meeting Minutes so I have none to present here! We'll catch you up next month, I am sure!!*

Featured Articles

Fred Wilke' Winter Project

Seamaster Build (or possibly semester)

Fred provided me with all these pictures and some commentary at several Tuesday Morning Hy-Vee Breakfasts. As you can see, he's been quite busy working on this project. Unfortunately, I can't remember what I had for breakfast yesterday much less any recollection of his commentary. I did ask him for some accompanying verbiage, and he said something to the effect that I should makeup some word to support his pictures!!

He also shared with me that the Engine, Speed Controller and Tail feathers were donated to him by Rick S.

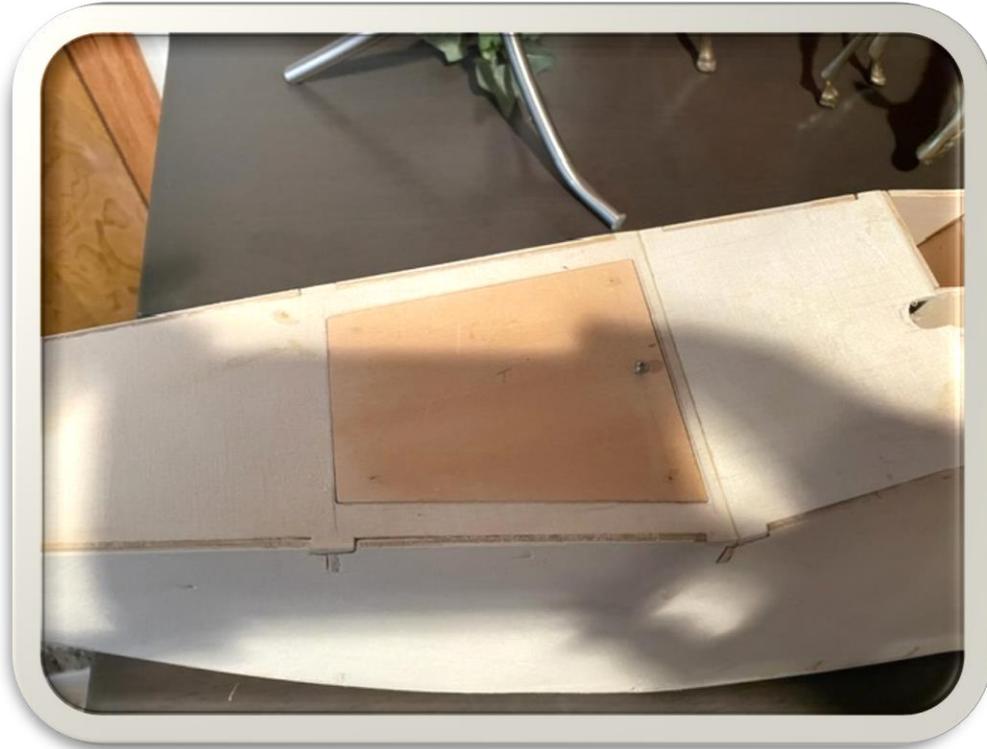
No doubt I will recall some details he shared with me in the captions below, but feel free to call Fred at **2:00 AM** if you have any burning pertinent build questions!

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Closeup of Fred fitting the front hatch with rare earth magnets

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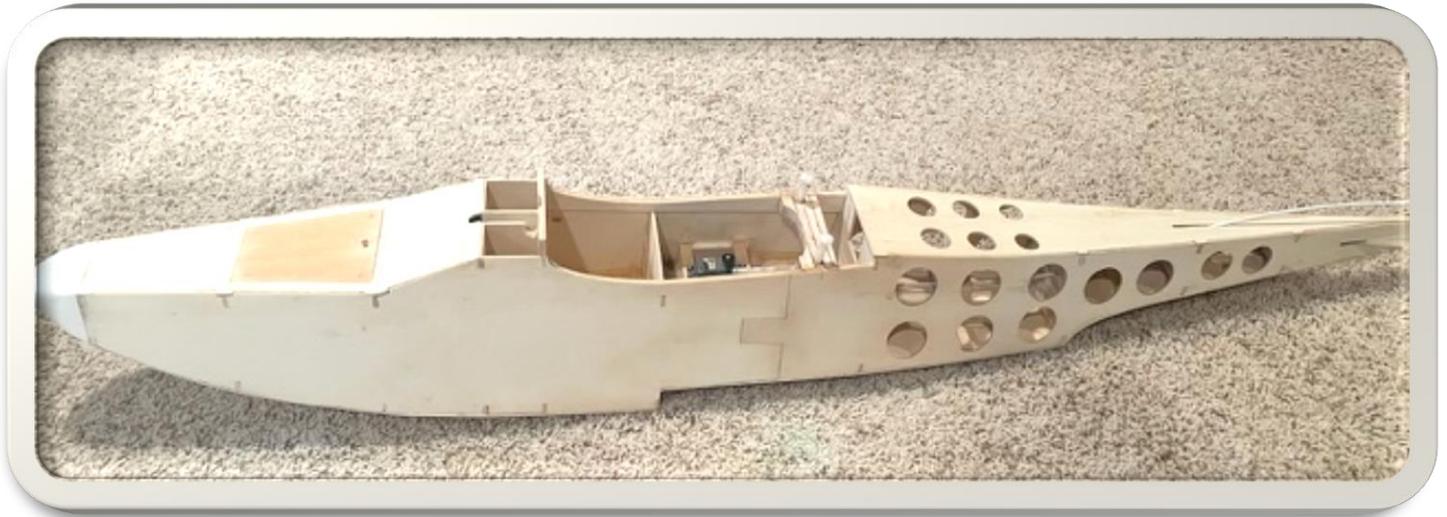


Closeup of Fred perfect fitting completed front hatch!



Top shot of fuselage with Servos fitted!

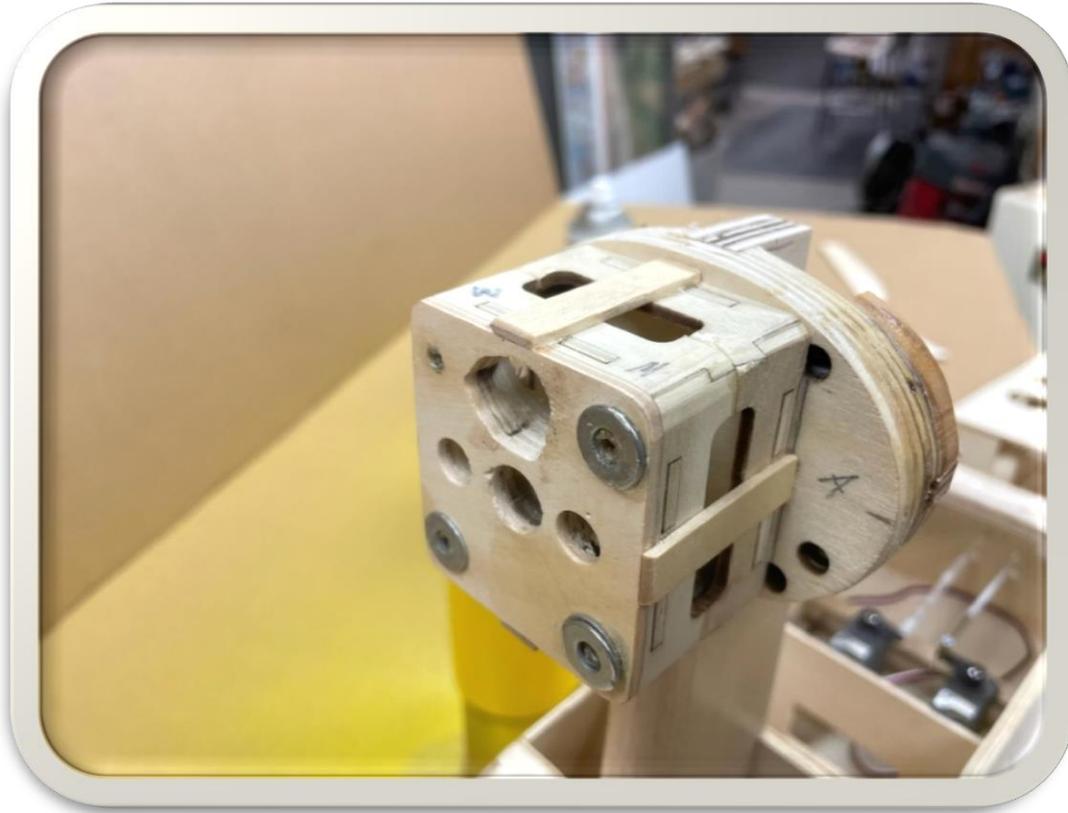
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Side shot of completed fuselage!



Closeup of Servo installation in fuselage!



Closeup of detailed motor mount on power pod!

Fred did mention that this power pod assembly required a great deal of work as it had to be cut into quarters and then completely reassembled.



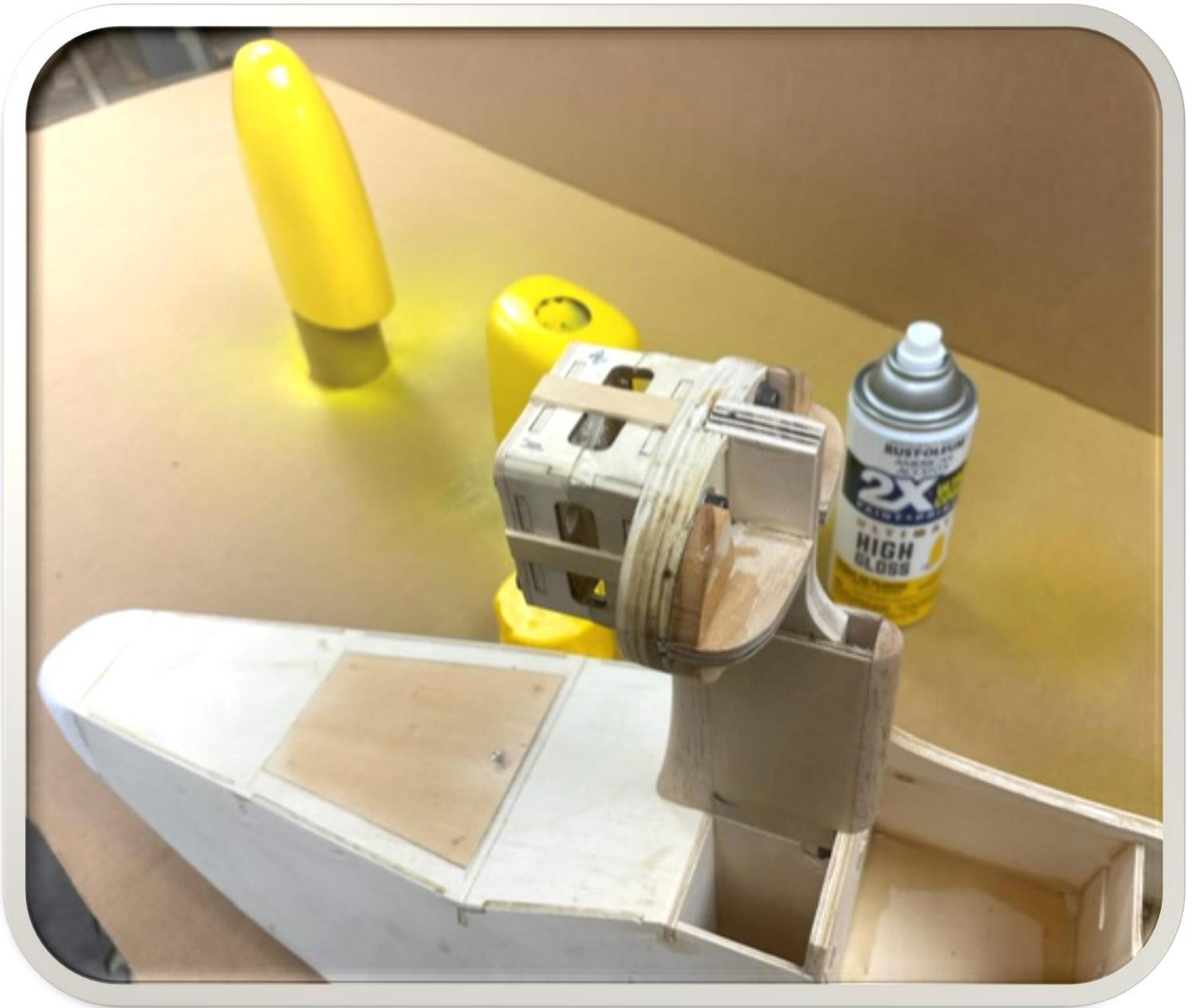
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Power pod closeup!



Closeup of power pod awaiting paint and finishing!

Note the motor is installed.



Closeup of motor mount in place!

Note some initial yellow painting on power pod shell.

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Closeup of the right wing with ribs, spars minus the ailerons!

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Full wing with ribs, spars still missing the ailerons! Covering needs to be added.

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I asked Fred what his final color scheme would be and he sent me a picture of a Sea master that he's potentially modelling his after.



Sea Master's left-wing tip in final color scheme.



This I believe is Rick S. Sea Master prior to its crash.

Omahawks RC Club Jackets for sale

I have been approached by many members wanting to purchase an Omahawks Jacket with the logo on the back.

Well, It's time! I've been working with Omaha Print Shop in Elkhorn to get some made. I have selected a medium weight Carhart jacket. The cost will be \$200 for the jacket with the Omahawks emblem on the back as shown below. There is also an option to add your name to the front right for \$10 and/or Omahawks emblem on the front left for an additional \$15.

I have sample jackets in Large, X Large and XX Large. Other sizes are available, but I don't have samples. If you want to try one on or just check out the jacket, I'll have them at the November Members meeting.

If you want one let me know and I'll add you to the order. All orders must be paid for before the order goes to the print shop. I can accept cash, check, credit card, Venmo or PayPal. Let me know at the time of order how you want to pay, and we can make it happen.

I plan to place the order in December so don't wait too long.

Kevin Hyde



Julian's Junior Journal – January 2024

Aerobatics 101! (Part 2/3)

Introduction

Thanks for taking a look at this month's edition! I hope you have been enjoying the new year. Because it's still typically cold out, I haven't gotten out to fly much. To keep in practice, I've been spending a little bit of time on the simulator every day. If you read my last November 2023 article, you'll know I'm continuing explaining aerobatics.

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This one will be based off of the previous one, which you should check out if you haven't already. This time, I'm going to be getting into a more advanced aerobatic maneuver, but one that can still be learned by less experienced pilots.

Upright Spins

Hands down, spins look really cool on a good 3D airplane. However, most people reading my aerobatics article series may not have an available plane ready for these aerobatics, so this is extra important that you start on the simulator. Let's get straight into this!

Like before, start with something like an Edge, Slick, or biplane. Additionally, you may wish to turn down the simulation speed. (Lower left- Putting a Pitts Python in a spin.) In my case on the simulator, manually increasing servo throws in 'edit mode' made spins easier to do on some aircrafts.



Spins take coordination and a good lineup to do well. First, fly up high into the air, with plenty of space for a dive. Then, nose down until your aircraft dives directly toward the ground. Push the aileron on about 50% to 100% max in either direction, then, let it roll for about 1-2 seconds. Next, pull full

up on the elevator, while, at the same time, move the rudder in the opposite direction of your aileron. This helps to keep the aircraft level in the spin. It's important to get the right height and mix of elevator-rudder when doing this, but keep in mind part of it is also practice! When you need to pull out, center all controls except elevator, and add throttle to pull out into a

neat hover. If you are still rolling instead of pulling into midway through the hover, about 1-2 seconds adding rudder and elevator, you can actually reverse the aileron direction. I find this technique results in the best and most controlled spins. (Right- Exiting a spin on an Extra 330)



out into a spin, after reverse in the best

Fly up to a height with plenty of time to dive.

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Reach height, enter a vertical dive.

Aileron

Rudder and Elevator

Reverse Aileron

Add throttle and max elevator, then center controls to pull out

And finally, once you have learned the basics, you can control the spin rate using the aileron...experiment with what you like most!



(Left- Flying an Sbach 342, one of my all-time aerobatic favorites!)

Edit: I was previously going to add more aerobatics to this article, but decided to keep it short and focus on just one. I'll shuffle in the other aerobatics to a future article. ;)

Omahawks this Month

-FAA: After several updates by the FAA, it is most likely Omahawks will not receive FRIA. As a result, all aircrafts are required to have Remote ID modules when flying, however, this may not be commonly policed by the board.

Side note: you can use one Remote ID module and shift it around to all of your different aircraft to save cost

-T-shirts & Polos are currently being sold, as well as jackets...To view items, go to the Buy/Sell/Trade tab on the website, omahawks.org

-Richard Gibson showed a new helicopter to members. He says it's affordable, small, and great for new pilots. I personally have a 3D helicopter I like to fly, so if you haven't tried helicopters already, I recommend it!

-Looking for membership input on Jim Henley's build nights this winter

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-Mid year STEM Expo, Feb. 17 (Link:
<https://shareomaha.org/nonprofit/aviation-stemaha>)

-And finally, indoor flying every Thursday, 10 AM- 1 PM see detailed info below

Conclusion

In the second article of this series, I've covered the basics of several more advanced maneuvers, and continue next month with the third and final, learning to apply the skills to your airplane. Last but not least, feel free to contact me about any questions you have about flying, or getting an airplane set up, and let me know how learning aerobatics has gone for you. :)

See you at the Field!

Julian Wrubel

Questions, comments, or something you'd like me to write about?

Contact me at:
snowmanroof@gmail.com

Notice to all Omahawks Members!

The Omahawks Field Gate lock will be replaced during the 2024-member season.

On January 1 a new lock will be installed, interlocked with the current/old lock. Both old and new keys will be able to open the gate. Please re-lock the lock to prevent it from being removed without a key. On March 31 the old lock will be removed and only those members with a new key will be able to open the gate.

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A new 2024 key will be available to all current 2024 members in trade with the old key. New keys will be available at all club functions, including the first to fly on January 1 (bring your old key to get a new one). Old keys will be re-cut to fit the new lock and assigned to another member. We will also be able to take your membership renewal by check or credit card on January 1.

If you have questions or need a new key contact Cole Mayo or a club officer.

Kevin Hyde

2024 Build Sessions

Below is a message from Jim Henley about some build sessions he's planning early next year at Oakview. A great opportunity if you're looking to learn more about building/repair work or you just need a hand with a project. Details below. When Jim says they'll have some of the best builders in the club on hand, he isn't kidding -- he's one of them!

Merry Christmas and Happy Holidays!! Your Club's Executive Board

We will have a Thursday build session beginning at the Oakview location on **January 11, 2024 running until the start of training season**. We are looking for membership input on the time we should schedule since some are not comfortable driving at night and the mall closes at 7:00 PM. An afternoon schedule is certainly workable.

We will have a couple of club trainers that we will be working on, however if you have a project, you need assistance feel free to bring it in, we will have some of the best builders in the club on hand.

Please contact Jim Henley jhandmehenley@cox.net with your input.

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Coming up, Big Family Event:

Our Mid-Year Stem Expo at the **Oak View Mall / Saturday, February 17, 2024/ 11:00am - 3:00pm**. Many hands-on activities, professionals in numerous fields, all wanting to share what excites them.

<https://shareomaha.org/nonprofit/aviation-stemaha>

Take a couple of hours and help your kids discover an exciting world beyond their game consoles.

Hague Howey

President, Co-Founder

Aviation stemAHA

Upcoming Events

** Breakfast get-together every Tuesday Morning @ **Hy-Vee, 10808 Fort St, Omaha**

Every Thursday --10:00 AM – 1:00 PM – Indoor Flying @ Community of Christ Church GYM, 140 Kaneshville Blvd, Council Bluffs, IA 51503.

For further information email Kevin: ulavenger@yahoo.com **Cost for the session is \$5.00 includes Coffee and a Donut.**

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Come fly, or **drive you're RC Car/ Truck** in the gym with us where the weather is always perfect every Thursday!

Omahawks Board Meeting, 7 PM Tuesday, February 20th, @ Zoom call, meeting at 7 PM to 8 PM.

Omahawks Member Meeting, 7 PM Friday, February 23rd, @ Oakview Mall, meeting at 7 PM to 9 PM.

For a complete list of all the Omaha Metro Area upcoming events please follow this link: http://www.metrorcflying.com/metro_schedule.htm

Lincoln Sky Knight Auction

February 3, 2024

Doors open at 8:00 am

Auction starts at 10am and will run until everything is sold

Waverly Community Center

11120 North 141st Street

Waverly, Nebraska 68462

\$5 admission per buyer.

\$5 for onsite meal

Lincoln Sky Knights auction fee is 10% of sale or buy back price.

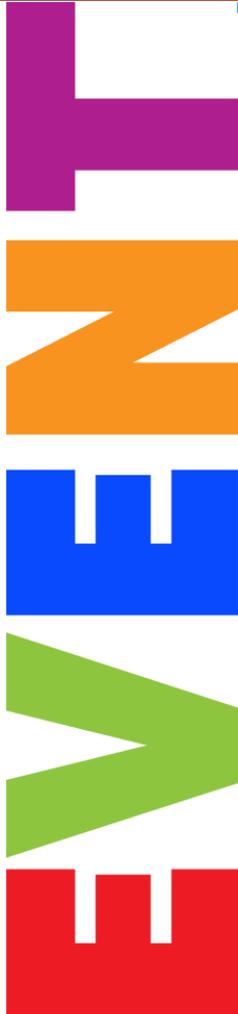
Minimum bid is \$15. Please group small items together.

You must put the minimum you will take for any item on the item care to protect it.

\$1 processing fee will be charged for any “no sale” items.

All sales are final and sold as is.

AVIATION STEM DAY/STEMAHA MID-YEAR



Saturday, Feb. 17, 2024
11 a.m. to 3 p.m.

OAK VIEW MALL, ABLE ACE
FIRST & SECOND FLOOR

SOAR & EXPLORE

Join us for exhibits, presentations and hands-on activities!

REAL AVIATION HARDWARE

Sail planes, parachutes, make and shoot paper rockets, and Youth Plane Build RV-12

EDUCATIONAL PARTNERS

Iowa Western Community College, UNO, KU, MCC, Burke High School and U.S. Military Academies and Recruiters

CONTESTS & COMPETITIONS

Paper airplane folding and flight competition and youth art competition (noon - 2 p.m.)

AEROSPACE PARTNERS

Branched Oak Observatory, NASA-UNO/NASA-UNL, KU Aerospace Engineering, Omaha Astronomical Society, Quantum Electro Dynamics, The Heartland Organization of Rocketry (THOR), Computer Rocket Design-UNL Extension

SNACKS & DRINKS

from Oak View Mall Food Court

**THE WIND UNDER OUR WINGS
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- Oracle Aviation
- Peter Kiewit Corp.
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