

Hawk Talk



Hawk Talk

THE VOICE OF THE OMAHAWKS R/C INC Vol 69, #02
Corporate Office- 15442 Seward St, Omaha, NE
68154-4116

President... Rick Sessions
Vice Pres... Luke Hughes

Editor/Publisher
Joe Hunt

Secretary... Paul Edmunds
Treasurer... Kevin Hyde

NEXT GENERAL MEETING: Friday, Feb 28, 2020—7:00 PM – 9:00 PM **Church of the Cross, 1517 S114th
MEETING PROGRAM: Club updates, cookies, raffle, bring something to show and tell to the meeting.

NEXT BOARD MEETING: Tuesday, Mar 17, 2020-- 7:00PM – 8:30PM **Church of the Cross, 1517 S 114th St.

ALL CLUB MEMBERS ARE ENCOURAGED TO ATTEND BOARD MEETINGS



President's Message

Fellow Omahawks:

Looking for some fun airplane activities this winter?

Can I suggest several:

1. Indoor flying at the Soccer Center (on Giles) at lunch time (11-1pm) on Wednesday, Thursday or Friday.
2. Breakfast at HyVee on 108th and Fort, every Tuesday from 8:30-10am.
3. Youth Pilot Build on March 5, 12, 19 and 26 from 6-9pm at Millard Airport.
4. Building workshop February 20th at Beny Hafkamp's from 6-9pm.
5. Repairing/building an airplane. Call one of our experts if you need help.
6. Attending the Omahawks monthly meeting on 2/28, 7pm at the church.
7. Buy a flight simulator and practice your flying techniques with all kinds of different planes.

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8. Building storage units to hold your wings and airplanes.
9. Building a LIPO bunker for charging and storing batteries.

Other Ideas:

1. Read the lengthy club minutes, activities, schedules.
2. Respond, this month, to the FAA notice of rule changes that will hit our hobby hard!

You get the idea, there are lots of options to keeping the hobby fires burning during the cold winter days. Hope to see you soon at one of the above noted events!

Happy flying/building/repairing,

Rick Sessions

Event Calendar for 2020

<u>Date</u>	<u>Time</u>	<u>Event</u>	<u>\$ Up to</u>	<u>Coordinator</u>
May 6	Wed 9am-noon	Old Timers	?	Dennis
May 13	Wed 9am-10am	Refresher instruction	8	Ron & Rick
May 20	Wed 9am-10am	Refresher instruction	8	Ron & Rick
May 23	Sat 10am-2pm	TAG/STEM Youth		Luke & Larry
May 30	<u>Sat</u> 9am-1130am	Float Fly	40	Tom V & Ron
June 3	Wed 9am-10am	Refresher instruction	8	Ron & Rick
June 6	Sat 11:00AM-2:00PM	Flite Test Combat event 0		Joe H
June 10	Wed 830-1130	El Sailplanes	15	Dennis
June 13	Sat 10am-3pm ??	Millard STEM event		Hague H.
June 20	<u>Sat</u> 9am-noon	Old Timers	?	Dennis, Dick
June 23	Tue 6-8pm	Float Fly tentative	0	Tom V
July 11	<u>Sat</u> 9am-1130	Float Fly	40	Tom, Ron,
Dick				
July 15	Wed 9am-noon	Old Timers	?	Dennis

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July 18 ??	<u>Sat</u> 10am-2pm	Drone Fun Fly		Jeff P.
July 22	Wed 830-1130	El Sailplanes	15	Dennis
Aug 5	Wed 9am-noon	Old Timers	?	Dennis
Aug 8,9 Robert G.	Sat/Sun 8am-4pm	Pattern Contest		Bob W.,
Aug 12 ??	Wed 830-1130	Float Fly	40	Tom V & Ron
Aug 15	Sat 10am-3pm	AMA Aviation Day		TBD
Aug 19	Wed 830-1130	El Sailplanes	15	Dennis
Sept 7	Mon 11am-4pm	Labor Day		Ed P. etal..
Sept 12	<u>Sat</u> 830-1130	Float Fly	40	Tom V&Ron
Sept 16	Wed 830-1130	El Sailplanes Lunch	~15	Dennis
Sept 23	Wed 9am-noon	Old Timers	?	Dennis
Oct 18	Sun 10am-4pm	Auction		Kevin
			~ \$244	

Monday nights: (April –October) Night flying—dark until 10pm (LED lights required)

Thursday evenings: (April –September) Training 6pm to 8pm

More. On Wednesday mornings 9-10am, other than above, it is suggested some pilots also fly those Wednesdays, to insure that they will not be alone at the field for safety, etc.....

OT - At Old Timer & Sept 16 events, lunch will be available with a donation requested.

Refresher instruction is for those who have not flown recently, want help or are beginners.

Float Flys - The budget includes \$15-20 to subsidize chase boats. However, at the last float fly, with Bob Turner doing the chase boat, he firmly said he didn't want any money for this. He had his boat/trailer fixed to go..... **June 23** depends on advance observation of other lake activities on Tuesday evenings.

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Need help with a build project? Please contact one of our Technical Advisors.

New Pilots/Training/Equipment -

Bob Wheeler rjwheeler01@gmail.com

Tom Floyd tom.floyd@cox.net

Nitro/Gas Engines -

Harry Perkins hpairboat@msn.com

402-201-6761

Bernie Baker bjb050@cox.net

Electric Motors/Battery/ESC Systems-

David Haney davidhaney2017@gmail.com

402-506-2358

Radio/Receiver

Ed Paasch bigedmustafa@hotmail.com

402-321-3781

Tom Floyd tom.floyd@cox.net

Kit Building/Repair

Ron Pacana rpacana@q.com

Test Pilot for Maidens/Repairs

David Haney davidhaney2017@gmail.com **402-506-2358**

Extra Set of hands, inexperienced but willing to assist in all phases

Joe Hunt yovanguy@gmail.com

402-291-9039 (leave message)

Featured Article

You asked for an article on the new LAANC (pronounced Lance) automated permission system for flying below Controlled Airspace, so here it is!

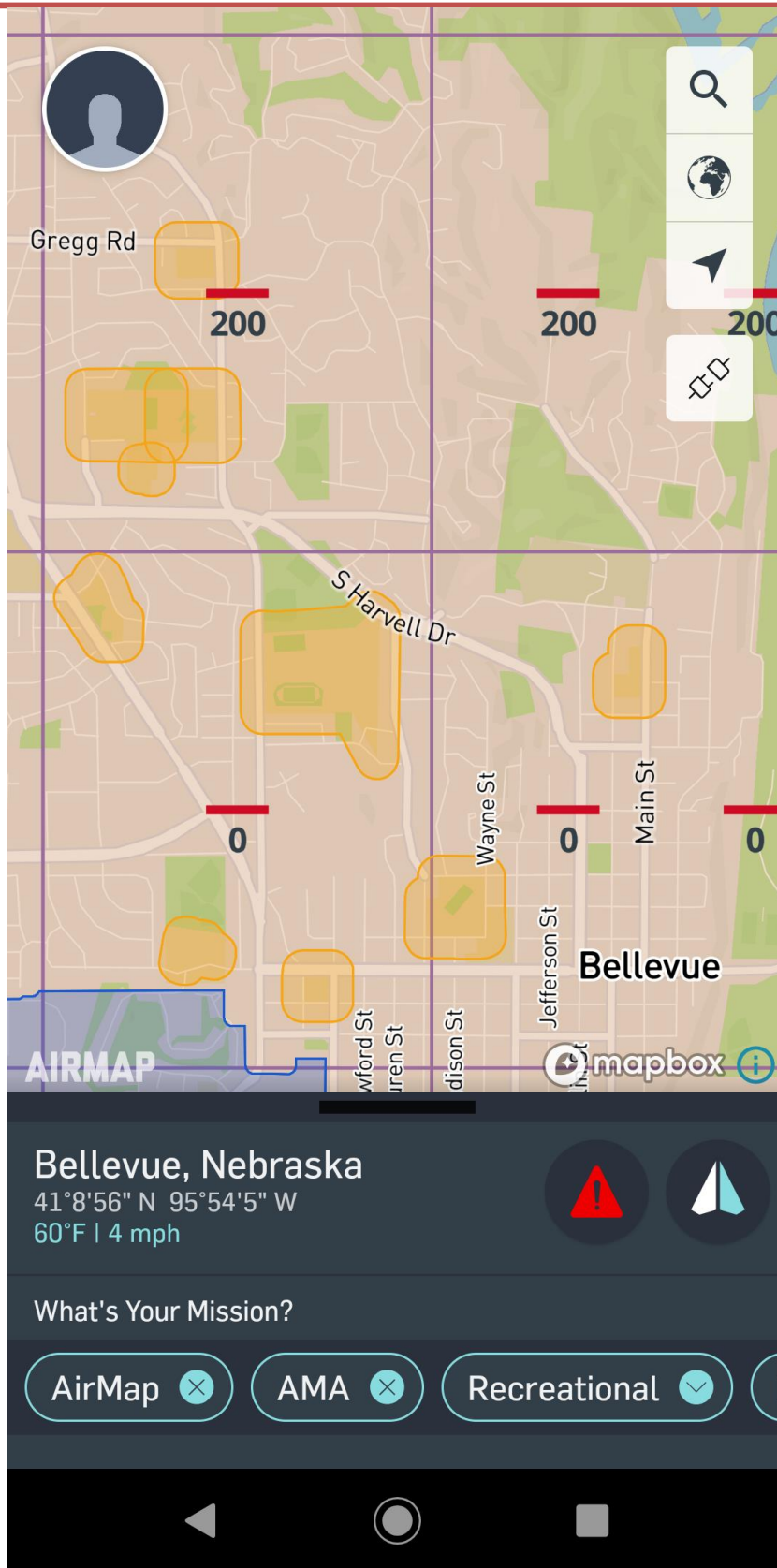
LAANC Automated Permission System for Flying Below Controlled Airspace

Here is some good news from the FAA! No, they still want to try and control RC flying with ID transponders in every RC Airplane and drone (remember to file your comments on the proposal before the end of Feb - go to AMA for details but DO NOT file it as a form letter), but there is some good news for anyone wanting to fly under airspace previously unavailable for flying, such as Eppley airfield and Offutt AFB.

The FAA has opened up some of the airspace below Control zones, under Section 349 of the FAA Reauthorization Act of 2018, and fall under Section 44809 of Title 49 of the US Code. Just remember "Section 44809".

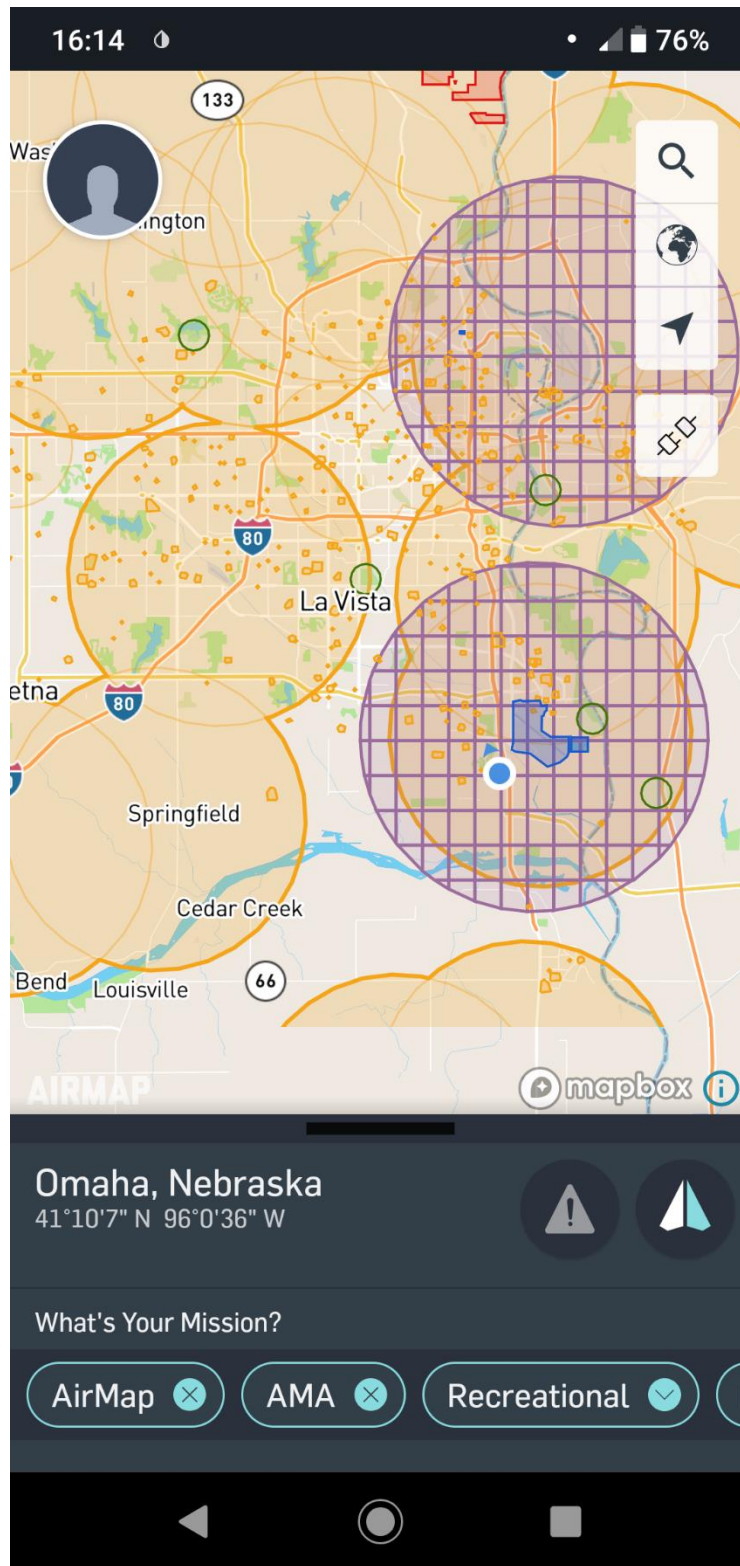
OK, the new rules allow us to request permission to fly under certain parts of the airspace using LAANCE (pronounced LANCE). This is an automated online permission system and you get the permission/denial almost instantly!

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Screen shot of the “Airmap for Drones” app, this one is near the Editors home, within ½ mile of Offutt AFB, note **Red Bars** with AGL feet values.

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These two circles with cross hashes represent Eppley at top and Offutt AFB at the bottom right.

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The procedure is:

1. Download "Airmap for Drones" software App (remember RC airplanes come under Drones these days) to your cellphone, or mobile device (you can also download it to a computer) using Google Play Android Apps. **Editor's Note:** *There is also an App called the same name "Airmap for Drones" available from the Apps area on the iPhone/ iPad, although its functionality is similar, we are not covering the specifics of that app in this article.*
2. Once installed, you register and set up the drones/airplanes you want to fly, adding your phone number address, etc.
3. Enable GPS on your device to locate your position on the Airmap app.
4. If you slide the map around you can see the Eppley Airfield and Offutt AFB Control Zones.

Zoom in and you will see that the circles divide into 1SQ(uare) mile boxes. Zoom more and you should see numbers, 0, 100, 200, 300, 400ft. These are the upper limits for each box AGL (above ground level).

5. Move around to the box you'd like to fly from. You will not get permission in 0ft boxes. You cannot fly AT the limit listed; i.e. 400ft, meaning your limit is 399ft.
6. Select the box and click on the position you want to fly. You will get a message telling you that you need automated permission to fly here. "X" that away and you will get a pop-up.

Click AMA sites (they then pop up on the map too).

Click Recreational.

Click FAA Recreational Flyers 44809.

You only have to do the above once - it remembers your selected choices.

Touch the Red Triangle to see airspace Restrictions. Remember there may be NOTAMS etc restricting flight, such as the President Plane when it flies by.

7. Where to go next in the App! This is the bit I could not find at first! You have to click on the White and Blue "paper plane", and then NEXT (top RH corner) to get to the actual flight request page!

8. THIS IS WHERE THE FUN HAPPENS!

Enter the Date, Duration of Flight and Flight Details, which include HEIGHT of flight - must be below the limit, Pilot and airplane, weight, and MOST IMPORTANTLY NO to flying over People, and YES to VLOS.

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9. Hitting NEXT will file the Flight Application.

10. The response is almost instant.

Denials are for:

Too high - file a number below the limit NOT the limit.

Flying in the dark - not allowed

Flying over people - not allowed.

Flying out of visual range - not allowed.

IT REALLY IS A LOT FASTER AND EASIER THAN THE TIME IT TOOK TO READ MY DIRECTIONS.

DO ALSO REMEMBER NATIONAL, LOCAL AND STATE LAWS STILL APPLY. For example, Omaha, NE bans all flying in local parks, except one in Elkhorn, NE.

This information is only my take on the procedure and has NO legal standing. Please do your own research as to what is legal in your area. Also, read pages 88-89 of AMA Model Aviation Nov.2019 for more information or visit the FAA website.

Ignorance of the law is no excuse! Blaming me just won't work either!

I suspect that this automated LAANC procedure may be expanded in the future. It would be a lot better than the unlikely ID Proposal!

Note that the Airmap also shows all class G unrestricted airspace (check local or State laws) and the other restrictions like State Parks etc, and there is a lot of open space out there. This may change if/when the new FAA ID proposal is put into effect - **remember to file your comments before the end of February.**

Finally, if you look at the restricted airspace, AND you clicked Show AMA sites - you should see any AMA flying club sites that are possibly under controlled airspace. These sites probably have special permission to fly there and you would not have to file for permission to fly.

Always fly safely and always respect a person's rights and property as you would want them to respect yours.

Kevin Rutland

Cobras RC Club, Council Bluffs, Iowa.

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View my Kindle books, including **Adventures in Microlight and Ultralight Flying**, [Flying for the Penniless Dreamer](#), and my latest one, [Hovercraft For Fun](#) by clicking this link: [Kevin Rutland's Kindle Books](#), or by searching for Kevin Rutland in the Amazon Kindle Store. Click for [My YouTube channel](#):

Do something special today. You may not get another chance!

Past events

Omahawks Business Meeting Minutes

February 18, 2020

Board Members in attendance: Kevin, Rick, Luke, Skippy, Paul, Cole, Tom

Visitors: Hague, Cindy, Larry M.

Disabled list: Dennis (back), Rick H (knee)

Officer/Chairman/Editor Reports:

Treasurer Report: (Kevin) Reviewed and accepted financial report. Our club continues to be a "GOLD LEADER"! We meet all the top criteria to be in the top club category.

Magazine subscriptions being sent to 13 schools again this coming year.

Membership Count: 78

Newsletter Report: (Joe)

Steve F and Norris will help Joe. Member profiles to be done. Member articles previously published in Tailspin to be included.

Old Business:

Runway/Field Improvements: Luke: Targeting all improvements to be done by May. Small warning signs will be placed at the key entry points for walkers on the field.

New electrical line to pavilion.

Keys: will be issued this Spring and will be numbered with a "do not duplicate" stamped on them.

Port-A-Potty structure: Luke: will pour concrete pilings for deck expansion at same time we pour this slab.

Web Site improvement : Kevin/Mikey/Others: We are identifying key functionality desired and searching for quality web designers to evaluate. Let Board know if you see a good club web site. Check out shareomaha.org.

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Officer/Board: Project Alignment for each position ([see below](#)): Board reports

Field Article submission for AMA magazine? Norris

Flite Test build at CAP (Wehrspann): Another one February 20th.

“Calling tree”, focus on new members-- Tom G. has a welcome letter to email for new members.

FAA comments—WE NEED YOU to respond in February!

New Business:

STEM engagement, Millard event- Student Pilot Build, March 5,12,19,26 from 6-9pm at Millard airport. Hague looking into printing on foam board to cut costs.

Advertising for Labor Day: large helium balloons, tethered 200+ feet high to call attention to event to be considered (Signs & Shapes).

Marketing ideas: Norris, form committee

Multi Wing, Boy Scout events—dates TBD

Training night—ideas, input. Rick to send instructors a “kick off” email.

Member Meeting: February 28, 2020 at PCOC Church 7pm—Program: Transmitter tips: Spectrum, JR, Futaba, FrSky, Airtronics, other. Cash Raffle

Upcoming Events:

Build/repair @ CAP Wehrspann, February 20, 6pm-9pm, Flite Test build, LED lights.

Indoor Flying, Wednesday, Thursday & Friday 11:00-1:00pm—Sports Center (144th & Giles), \$5

March build—Steve Farner: airplane racks in garage, LED lights, date: 3/31/20

Meeting Adjourned: 8:10pm Motion by: Tom G. Seconded by: Kevin

Volunteers Needed:

1. Winter Monthly meeting program coordinators

February: Transmitter training—break out groups: Spectrum, FrSky, Futaba, JR, others

March: Jet tips, gyros (use TV to show YouTube videos)

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- LED lights: how to install for night flyers
April: Use of new Website, overhead TV demo
2. 2020 Event Ideas: Skippy
Father, son/daughter
Timed/SAMS fly competition
Multi-wing fun fly—yes, date TBD
“Monday Night Follies”—yes, starting in April.
Flight Test Combat—yes, June 6th.
 3. Our Events for next year: avoid conflicts with Western Flyers events—3rd
Saturday of the month, Spring event—3rd Saturday of June, WWI event May
16th, August 22nd—Bud Hall

Officer Project Alignment/Responsibility:

President: Training, Member Growth, Training Welcome/tracking, Meetings

Rick Sessions: 402-312-6482

V.P.: Field improvement, Pres. In training

Luke Hughes: 402-995-9275

Secretary: Build program, EAA/CAP/STEM interface

Paul Edmunds: 402-572-8467

Treasurer: Web site, data base, financials, check writing, membership, auctions

Kevin Hyde: 402-670-8320

Board #1: Social Media, Marketing, Youth Outreach-

Norris Hoover: 303-478-0212

Board #2: Events—

David “Skippy” Haney: 402-506-2358

Board #3: Social, New Member Welcome—

Tom Gulizia: 402-290-6485

Board #4: Community Outreach—

Rick Haneline: 402-321-7577

Field Chair: Cole Meyo: 402-639-7838

Safety: Dennis Bender: 402-637-6642, Bob Wheeler: 402-661-4661

Omahawks Member Meeting Minutes

January 31, 2020

Officer/Chairman/Editor Reports:

Treasurer Report: Kevin H noted we have 61 members signed up, 5 are new. This is on track with last year.

Newsletter Report: (Joe)

Thank you Joe for your work on publishing the Hawk Talk Newsletter.

Joe to meet with Steve F and Norris regarding division of labor going forward to publish the Newsletter. We encourage members to submit their Western Flyer article to Hawk Talk after it has been published by Tailspin.

Old Business:

Field Improvements: review of deck expansion plans on north side of pavilion by Eagle Scout: Nathan Wallace. It will be a 16'X16' open deck area with railings around north and west sides and will be tied into the existing pavilion structure and have concrete flush with the east edge facing the runway. It will allow an expanded eating and observation area as well as a permanent club information banner. Nathan will send specifics to publish in the Newsletter.

An additional power line needs to be permanently added to the pavilion.

Port-A-Potty structure: Luke presented drawings of how the structure will look. It will have a door with a keypad.

Keys: will be issued once the gate is modified for easier use. We will keep the combo lock on the gate during the transition period.

Web Site improvement: Mikey has run into significant technical issues and must turn the project over to another expert. Kevin will reconvene a committee meeting to assess next steps. Norris has contacted a web expert for initial information.

Officer/Board: Project Alignment for each position (see below). Please call the designated person if you have a question, comment or suggestion for

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them. Example: call Norris Hoover if you have a marketing idea, question or comment.

FAA regs: Be sure to comment on the regs! Her is the link:

<http://amablog.modelaircraft.org/amagov/2020/01/20/submit-a-formal-comment/>

You can send multiple responses that focus on specific concerns. Example: Remote ID, Amateur built plane, education impact, etc.

FliteTest (foam board) build at Beny's: Another one on February 20, from 6-9pm, details to follow.

STEM (science, technology, engineering, math) Youth engagement: Hague H gave a short report on the January exploratory meeting. It was, attended by Paul & Cindy, Luke, Norris and Rick S. Another one is scheduled on 2/6 at the Millard airport. It was decided to use the "Flite Test" models instead of the EAA suggested models primarily because of the shorter building time to keep the young people's interest. How can we engage more youth? We can tie into STEM programs at schools to get youth interested in model aviation. Could include a field trip out to Hawk Field this Spring to fly their builds!

Aviation STEM Youth Pilot Building partnership discussion—**Need volunteers** to build Flite Test **basic gliders during March. If you are interested in working with youth to build a basic foam board airplane, please call Rick S. at 402-312-6482 (see separate page below)**

Norris discussed getting kids involved and maybe putting a computer simulator in a library. Fred discusses his building of his Sea Duck foam board airplane.

Member Medical: Rick Haneline had knee surgery (1/22) and Dennis Bender had back surgery (1/29).

-
New Business:

SAC Indoor Fly—January 18th report: Norris reported another busy and successful show. Almost 50 contacts were obtained and will be followed up on. The flight simulators were a huge hit!

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Event calendar for 2020: recommend members print it out and keep for reference.
(copy below) **Note: Monday Night Follies—night flying with LED lights on plane.**

Weather station at field: Luke Barker is going to provide a weather reporting station (temp, wind direction and speed). Mount on shed or top of wind sock. Ongoing costs to be determined.

Events approved: Multi Wing Plane event \$75 (Bob Wheeler), Boy Scouts \$35x2=\$70. Dates TBD.

Member Meeting: we had fun with 2 Flight Simulators, airplane repair stations: covering tips by Ron Pacana. Flite Test kit Raffle prizes won by Tim Peters and Cindy Edmunds.

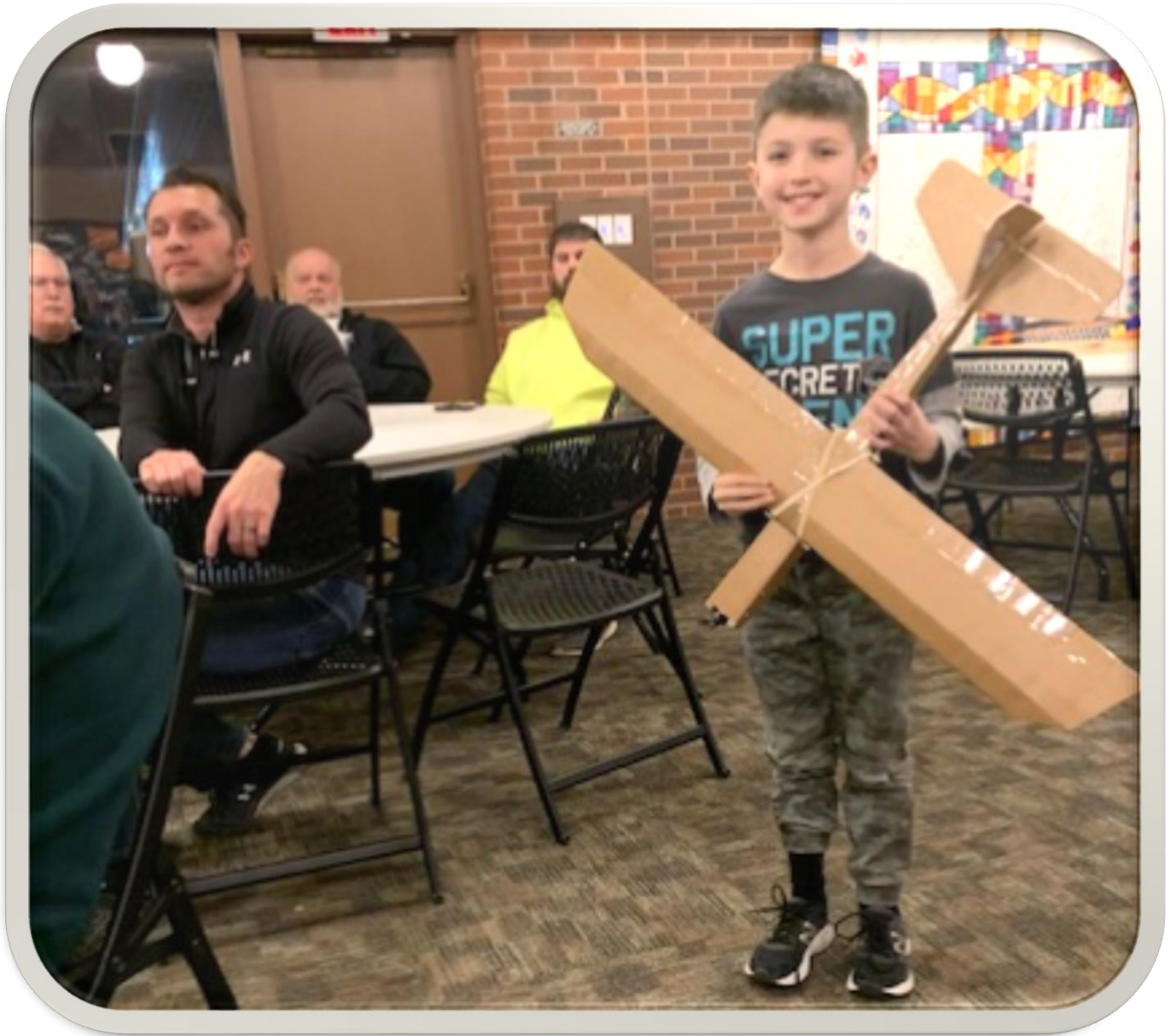


(Top) Tim P showing his Frequency Analyzer
(Left) Beny JR Flite Test plane, describing how he built it
Rick- Escapade plane's wing repair

Show and tell:

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Fred W. show Playboy how he rebuilt the center of his wing after the wings folded Old Monokote doesn't stick so had to buy new and how he installed it.



Ethan H, speaking about his [Flite Test journey](#), his father Luke just to the left

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(TL) Fred's Playboy, Skippy plane in background
(TR) Beny Sr, discussing his Flite Test plane
(BL) Paul E showing off his Slow Stick with LED lights
Rick S During the meeting presentation.

Tim P. showed Frequency analyzer

Beny & JR showed some Flight Test Planes and how they are built

Dave (Skippy) showed a P51 ready to maiden.

Paul: Slow stick modified it to have LED's for night flying

Rick: how he repaired his Escapade plane after he ran into a tree on low approach

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Ron P demonstrating the finer points of covering balsa with Monokote, as well as some advanced techniques joining two strips of different colored patterns

Luke Barker showed his helicopter trainer and how he modified an old Whirlybird He also discussed about the weather station he is going to install it at the field to report wind direction and speed. **We have FUN at our meetings!!**

Upcoming Events:

Sky Knights Auction, Saturday February 1, 2020. (Done)

Indoor Flying, Wednesday, Thursday & Friday 11:00-1:00pm—Sports Center (144th & Giles), \$5--ongoing

Meeting Adjourned: 8:45 pm Motion by: _____ Seconded
by: _____

Volunteers Needed: (see areas of interest?)

1. Winter Monthly meeting program coordinators
February: Transmitter training—break out groups: Spectrum, FrSky, Futaba, JR, others
March: Jet tips, gyros (use TV to show YouTube videos)
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Field Chair: Cole Meyo: 402-639-7838

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SAC Museum RC Flying – Jan 18, 2020

For the second year in a row the weather did not cooperate on the day of the event and the Editor was unable to attend.



The Club's Sign at SAC Museum near our two tables off to the left.

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A future flyer trying his luck on one of the Simulators.

The Club collected nearly 50 emails of interested participants

Several brave souls from the club attended to promote the club and to enjoy some indoor flying in Nebraska's frigid January Temperatures.

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Indoor flying area setup within the SAC Museum

Build/ Repair RC Airplanes Workshop – Jan 23, 2020

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Paul and Cindi E, hosting tonight's Build Workshop
Thanks for the refreshments!!

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Our Host Paul is in the foreground, photos provided by Paul as well

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Pictured here is Beny, and son Beny, Rick S, Paul E

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Luke, Beny, Berny's wife, and son Beny

Upcoming Events

- Breakfast get together every Tuesday Morning @ Hy-Vee, 10808 Fort St, Omaha
- Cobras Indoor Flying from 10:00 AM - 1:00 PM @ Community of Christ Church Gym, 140 W. Kaneshville Blvd. Council Bluffs IA.
- Flying times will be 10:00 AM to 1:00 PM on most Thursday's. Verify on Omaha Metro Area Club Schedule at bottom link below.
 - The cost is \$3.00 per day.
 - AMA Membership required.

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- **February 28, 2020--7:00 PM – 9:00 PM – General Club Meetings **Church of the Cross, 1517 S 114th St., Omaha**
- **March 9, 2020--7:00 PM – 9:00 PM – Omahawks Trainers Kick-Off Meeting **Church of the Cross, 1517 S 114th St., Omaha**
- **March 17, 2020--7:00 PM – 8:30 PM – Board Meetings **Church of the Cross, 1517 S 114th St., Omaha**
- **March 27, 2020--7:00 PM – 9:00 PM – General Club Meetings **Church of the Cross, 1517 S 114th St., Omaha**
- **April 2, 2020--6:00 PM – 9:00 PM – Training Night**
- **April 6, 2020--7:00 PM – 10:00 PM – Mondays - Night Flying until 10pm**
- For a complete list of all the Omaha Metro Area upcoming events please follow this link: http://www.metrorcflying.com/metro_schedule.htm

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