



The Voice of the Omahawks RC Club, Vol. 73, Issue 06

This is the June Newsletter 2024

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319-400-1402 grantpschulte@gmail.com

Vice President: Shaun Brothers

402-672-1725 sbrothers45@yahoo.com

Field Chairman: Cole Meyo

402-639-7838 colemeyo@yahoo.com

**Secretary: Rick Sessions** 

402-312-6482 rickbsessions@gmail.com

**Treasurer: Kevin Hyde** 

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402-578-7989 HawkTalkEditor@duck.com



**Grant Schulte** 

Club's President's Message for June 2024

Happy June, everyone!

A few weeks ago, a dedicated group of pilots, spouses, spectators and volunteers convened at Hawk Field for our annual Memorial Day Egg Burn.

Omahawks club pilots wowed the crowd with some skillful flying while other members and spouses filled plates with a steady supply of egg casseroles, bacon, sausage and pancakes.

Others helped set up tables, spot for pilots, and clean up afterward. More than 100 people attended, based on our estimates, and a lot of them apparently like chocolate chip pancakes!

It was a sight to behold, and one of the many reasons this club is so special. I always enjoy catching up with folks I haven't seen in a while and, of course, flying a little myself.

As the summer progresses, we have more in store. Our Labor Day Air Show is just a few months away, as is our annual Auction. In the meantime, we also have a lot more Training Nights, Member Fun Flies, Float Flies and other gatherings on the Google calendar.

Go out and get some air!

Grant



# The Omahawks received notification that our FRIA application has been APPROVED!!!

#### **Omahawks Business Meeting May Minutes**

Tuesday, May 21st, 2024 at 7:00pm via Zoom Link

Club Officers:
President – Grant Schulte
Secretary - Rick Sessions
Treasurer - Kevin Hyde
Board
Doug Sandberg (excused)
Jim Henley
Luke Hughes
John Petersen (excused)
Dan Fitzgerald (excused)

# Hawk Talk Jim Boomsma Field Chairman Cole Meyo

**Guests: Paul Edmunds, Patrick Jones, Hague Howey** 

Officer/Chairman/Editor Reports:

<u>Treasurer Report</u>: (Kevin) Financial were reviewed by Kevin. Cash is good, need to save for runway sealing/striping. Need to keep cracks filled to minimize water damage. May need to get runway compacted with roller. Luke to have Omni check it out.

**Membership Count: 165** 

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

#### **Old Business:**

**Safety Officer** 

Jim Boomsma

Field Improvements: Painting needed for stands and benches.

Marketing ideas: continue FB and HobbyTown.

**Training Night:** New systems and procedures working well! We have role arm bands, spotters working well, "A" frame has time slots and flight direction, flight simulators in pavilion have shade. Have tarp hung to shield the sun in pavilion for simulators. (Thanks Doug Sandberg!) Good turn out on 5/16!

Member Fun Fly Night (each week): Working very well to select the best flying day. Participation has been solid.

Master Calendar: will be the Google calendar. Easy to update and is dynamic. Kevin changed the website link to go to the Google calendar. Only repetitive events will show on the website directly, all events are shown on Google.

AMA field improvement grant submitted by Grant!

**Teen Scholarship** (Grant): Proposing a scholarship for teens to write an essay to win: Apprentice STOL, year membership, training (one winner). Board thinks it's a great idea. Funds can come from Tom Floyd Memorial.

Aaron Strain had some middle schoolers out on 5/14/24. They used foam board planes and 72mghz systems which flew well. Luke also buddy boxed them in on trainers. If any kids want to join, we will cover their member fee. Great example of our club's efforts to encourage teens to get into aviation.

Also, Alex Dean will be doing a balsa build on Sundays, maybe another time during week.

New Key exchange update. Down to about 11 members who don't have a new key yet.

Build event at Oakview: (Jim H.) Done for the season, framed in biplane (ready to cover) and stored in back room. Not getting many young kids however. About 6 older members were involved. Bull Dog is in the queue to be complete by Labor Day (Jim Henley

#### **New Business:**

**T-Shirts, Polos & Jackets:** Luke – on hold as supplier was affected by tornado. **Memorial Day "Egg Burn"** planning: egg casseroles (8), pancakes (blue berries), bacon (20lbs), sausage. Paul & Cindy, Bryan & Sharon coordinating food. Bacon grill set up.

(Very successful! Had 100+ attendees and lots of fun flying! Honor to our fallen service men and women.)

#### Other:

Develop a standard email to guide new members through the sign up of 1) FAA 2) AMA and 3) Omahawks

**Developed an expert contact list**. Sent to members and in Newsletter.

Oakview storage: needs consolidating. Best way to list/show planes? ). Silent auction for airplanes in storage? Give clean up action plan to Bruce M.

Music at field for all to hear? Grant will send email to members to manage the music volume and also Nitro tuning so we can hear flying commands on the flight line.

FAA #s ARE required at the field (Kevin confirmed)

#### **Upcoming Events:**

May 23<sup>rd</sup> Training

May 30th, Training, Food Truck 5:30pm (Canceled due to rain)

May 31st, Member Meeting @ Hawk Field, 6pm dinner, 7pm meeting

June 1st, Float Fly @ Flanagan Lake, 8:30am-11:30am

#### 2024 Events:

https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn\_DUau fEQKQk/edit

Meeting Adjourned: 8:20pm by: Paul Seconded by: Grant

2024 Committees & focus (Luke can share a more detailed listing)
Objective: engage more members in their area of expertise/interest!
Technical

- Website & Photos
- Field cam

#### **Hawk Field Maintenance and Improvement**

- General maintenance & upkeep
- Improvement projects, funding & execution
- Parks & Rec communication

#### **Marketing**

- Social media Club & cross posts w/AMA & Other partners
- Newsletter Content & Publication
- Partner relations AMA, StemAHA, EAA

- Club attire, publications, signage, etc.
- Outside event planning (Elementary, Champions, StemAHA, other)

#### **Safety**

- First aid, AED, other supplies upkeep
- Training on basic first aid
- Field signage

#### **Omahawks Business Meeting June Minutes**

Tuesday, June 17th, 2024 at 7:00pm via Zoom Link

Club Officers:
President – Grant Schulte
VP – Shaun Brothers
Secretary - Rick Sessions
Treasurer - Kevin Hyde
Board
Doug Sandberg (excused)
Jim Henley
Luke Hughes
John Petersen
Dan Fitzgerald
Jim Boomsma (excused)
Field Chairman
Cole Meyo
Safety Officer
Jim Boomsma
<u>Guests</u> : Paul E, Hague H.
Officer/Chairman/Editor Reports:
<u>Treasurer Report</u> : (Kevin) Reviewed financial statements.

**Membership Count: 170** 

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

#### **Old Business:**

Memorial Day "Egg Burn": 3 gallons of OJ next time, separate types of pancakes, attendance about 100, eight egg casseroles, another bacon grill next year. Well done Grant and crew! Great idea to have protective paper on work surfaces! (Ron B.)

**Field Improvements/maintenance**: ruts in parking lot, benches/stands/pavilion need paint, stairs repair, landscaping. (Luke has been in touch with Jake L. at Parks. They will drop off crushed rock soon.) French drain was tried in the 1980s. It filled up with rocks in just a few weeks.

Toilet needs more consistent attention. New procedure to write service date on clip board. Expect service every 2 weeks.

Need a "paint day" to get brown paint on benches, pavilion.

Roof ridge looks loose from wind, check ASAP.

Marketing ideas: continue FB and HobbyTown.

**Training Night:** New systems and procedures working well! We need good weather! Somebody please turn off the wind fan!

Member Fun Fly Night (each week): Working very well to select the best flying day. Participation has been solid.

AMA field improvement grant submitted by Grant!

**Teen Scholarship** (Grant): Proposing a scholarship for teens to write an essay to win: Apprentice, year membership, training (one winner). Grant to reach out to schools. Approved by members. Funds to come from Tom Floyd Memorial.

#### **New Business**:

**T-Shirts, Polos & Jackets:** Luke/Kevin – On hold for now....supplier affected by tornado.

Other:



Develop a standard email to guide new members through the sign up of 1) FAA 2) AMA and 3) Omahawks

Oakview storage: needs consolidating. Create a folder on website and send link to members. Here is the link: https://photo.omahawks.org/2024-For-Sale Post on FB too. Need to schedule an "organization day" to clean out and sort boxes of items into: 1) keep 2) auction and 3) trash

Coat hanger for wheels?

Heritage Elementary 6/17 (Bennington): (Rick/Shaun) Planting seeds for the future modelers...72 energetic elementary kids (K-3) were given a foam glider and showed the flight simulator. Habu jet a BIG hit!

<u>Combat Event 6/8</u>: Thanks Joe Hunt for running a great event! We had 6 participants and Arby's lunch.

Oakview Simulator for kids (Hague): July 16 and 18, 10am to noon. Need two members each day to help on simulators.

John Peterson got a clean bill of health! PTL!

#### **Upcoming Events:**

June 19, Fun Fly, 6-8pm

June 20th, Training Night

June 27th, Boy Scout event noon-1pm. (Walnut Creek) Simulator, UMX flying.

June 27th, Training, Food Truck 5:30pm (rescheduled to 7/18)

June 28th, Member Meeting @ Hawk Field, 6pm dinner, 7pm meeting

#### **2024 Events:**

https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn\_DUau\_fEQKQk/edit

Meeting Adjourned: by: RBS Seconded by: John P.

2024 Committees & focus (Luke can share a more detailed listing)
Objective: engage more members in their area of expertise/interest!
Technical

Website & Photos

• Field cam

#### **Hawk Field Maintenance and Improvement**

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#### **Marketing**

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#### Safety

- First aid, AED, other supplies upkeep
- Training on basic first aid
- Field signage

#### **Omahawks Member Meeting May/June 2024 Minutes**

No Minutes were readily available at Newsletter production.

We'll get caught up next month!

#### **R/C Airplane Experts!**

Do you have a question about your R/C Airplane? Need some expert advice? Here is a list of several experts in most of the skill areas. Feel free to call them to discuss your questions/needs in their area of expertise. If you have any other questions about the hobby, please call either Grant Schulte, Luke Hughes or Rick Sessions and we will find the answers for you.

Enjoy the great hobby of R/C airplanes!

Thanks Rick S for providing the Newsletter with these details!

#### **Omahawks Airplane Experts!**

Nitro/Gas	Harry Perkins	Ron Pacana	Dean Copeland
	(402) 201-6761	(402) 690-9832	(402) 905-6446
Foam Repair	Tom Gulizia	Cole Meyo	
•	(402) 290-6485	(402) 639-7838	
Spektrum	Luke Hughes		
•	(402) 995-9275		
FrSky	Tom Gulizia	Paul Edmunds	
•	(402) 290-6485	(402) 572-8467	
Balsa build/repair	Fred Wilke	Jim Henley	Dean Copeland
Balsa build/repair	Fred Wilke (531) 777-6117	•	Dean Copeland (402) 905-6446
Balsa build/repair  Trainer Set Up		•	•
·	(531) 777-6117	(402) 213-1451 Cole Meyo	•
·	(531) 777-6117 Dan Fitzgerald	(402) 213-1451 Cole Meyo	•
Trainer Set Up	(531) 777-6117 Dan Fitzgerald (402) 990-3157	(402) 213-1451 Cole Meyo	•
Trainer Set Up	(531) 777-6117 Dan Fitzgerald (402) 990-3157 Ron Pacana	(402) 213-1451 Cole Meyo	•

Electronics	Robert Green	Dan Fitzgerald	Rick Sessions
	(402) 630-6928	(402) 990-3157	(402) 312-6482
Pattern Planes/Flying	Robert Green	<b>Bob Wheeler</b>	
	(402) 630-6928	(402) 661-4661	
Maiden Flights	John Peterson	<b>Rick Sessions</b>	
	(402) 710-0412	(402) 312-6482	
EDF Jets	Patrick Jones	Steve Taylor	Luke Hughes
	(402) 237-7732		(402) 995-9275
Foam Board build	Jeff Pinnt	David Spargo	Chuck Hull
	(402) 669-0810	(402) 991-1888	(402) 651-9853
Turbine Jets	Dean Copeland	Luke Hughes	
	(402) 905-6446	(402) 995-9275	
Airplane Purchase	Kip Dirkschneider	<b>Rick Sessions</b>	Luke Hughes
	(402) 203-8249	(402) 312-6482	(402) 995-9275
Control Line	Scott Mulk	Chuck Hull	
	(531) 210-9721	(402) 651-9853	

#### **Featured Articles**

Another Excellent Installment by Julian W.

#### Thanks Julian!!

Julian's Junior Journal - June 2024

What is the "Downwind Turn"?

#### Introduction

In Nebraska, it's amazing how fast the weather can change. One minute it's completely calm, the next minute there can be a tornado nearby! While hopefully you've never flown an airplane in a tornado, it's not uncommon for it to feel that way when flying at Hawk Field, which just happens to be right on top of a hill. Flying in wind will improve your skills with sensitive aircraft and make you more confident.



Because of this, I took time to research a controversial subject about wind — the downwind turn! The downwind turn interested me while flying my Aeroscout one day in crazy wind, and I think midsummer is a great time to learn more about this debated effect.

I provided links below for people

interested in learning more. ;)
Above: The new Pilatus Turboprop

#### Source:

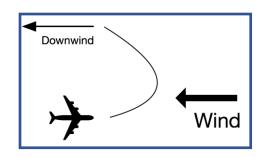
https://www.pilatus-aircraft.com/en/news-events/media-release/the-world-s-best-turboprop-better-than-ever-pilatus-reveals-the-pc-12-ngx

#### "The Downwind Turn"

Before I begin this section, there are two important terms to know:

- -Airspeed, which is the speed of the aircraft relative to the air, and
- -Groundspeed, the speed of the aircraft relative to the ground.

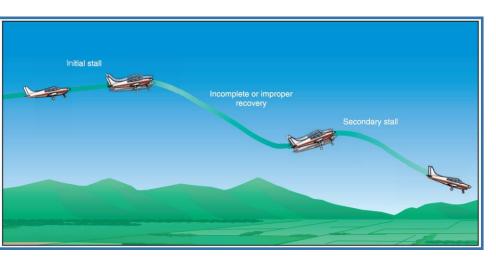
180 degree turns that are downwind can surprising to pilots that haven't flown in high before. The airplane will accelerate on it's own flying downwind, and it will for the most part maintain it's airspeed. Here's where it gets dangerous: many pilots lower throttle to



be wind when

compensate for the fast speed, so that their aircraft keeps a normal groundspeed, but this dramatically lowers airspeed, meaning it will possibly stall.

Why? When an aircraft is flying downwind, there is wind going with the aircraft. This means that there's less air going over and under the wing, so even if the aircraft appears to be going the same speed downwind once a pilot makes the error of reducing throttle, it's closer to stall speed with a lower airspeed. To



maintain a normal airspeed, you'll have to fly the aircraft on the same throttle, even though it appears to go faster.

Left: what can happen on downwind passes if you lower throttle!
Source:

https://www.cfinotebook.net/notebook/maneuvers-and-procedures/airplane-stall-and-recovery-procedures

Another thing that makes this so dangerous on a turn is that on a 180 degree turn, many people bank sharply, and then what was before a strong headwind, a strong tailwind replaces it. If you don't keep the nose level, it will seem like the aircraft just completely lost control!

Here are my solutions: One way to make this easier is to make two 90 degree turns. This splits up the time spent turning and gives you time to adjust to the tailwind by adding more throttle. The next is to add more of throttle just before you begin the turn to completely be sure you have plenty of control, even if you don't necessarily need more.

This is a really interesting but controversial topic that can go into a lot of detail, so contact me if you have more questions or would like to comment on this!

**Omahawks this Month** 

-Trainer nights and fun flies are in full session! Check the website for times, as special events like RC combat. Right: Omahawks and Standing Bear through one of my airplane's first-view (FPV) cameras.



as well

Lake person

#### Conclusion

I hope reading this article was as interesting for you as it was for me researching this. If you are interested in learning more, below are two links that might might be helpful. Because it's the summer and there's almost always a little wind, why not test out this theory next time you fly in the air?

See you at the Field!

Julian Wrubel

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

Contact me at:

snowmanroof@gmail.com

Links:

https://www.planeandpilotmag.com/article/downwind-turn/

https://www.youtube.com/watch?v=1k2O4MYoNc8

#### 2024 Annual June Combat Event

Article by Joe H, pictures courtesy of Dan F

The event was scheduled for Saturday June 8<sup>th</sup>, the wind was blowing at a very brisk 12 to 18 MPH. Six pilots braved the weather to participate in the Combat Event.

As is our normal procedure Arby's lunch was provided by the club; the participants decided that lunch should be served first prior to combat flights beginning.

It was a fine spread of Arby's food that included 25 Chicken Strips, two pounds of Roast Beef, one pound of Brisket and one of Corn Beef.

Rick S brought some drinks and chips were provided which rounded out the offering.

Having lunch first gave participants time to review the rules, and the organizers time to setup the landing zone and assign roles such as time keeper, judges and spotters.

Furthermore, it was decided based on the organizers (Joe H and Rick S) that three rounds of flight contests would be held.

The flyer with the greatest number of points combined through all three sessions would win first prize, three awards were available for the top three winners!

Our participating pilots were Dan F flying FT Simple Scout, Jeff P with a bloody Baron, Rick S flying a bloody baron, Ron P with a foamy F4U, Keith S flying his Trojan, and finally John P flying a mini ultra stick. We were also joined by Harper TL (Joe H Granddaughter) acting as timer, as well as Tom V, Dean C and Rick W acting as our distinguished Judges.



Pilots from left to right, Dan F, Jeff P, Rick S, Ron P, John P, and kneeling and our Judges Rich W, Tom V and Dean C

As lunch was finishing up, our pilots readied there planes for combat by reviewing the plane prep rules; of attaching a 5 foot string to the rear of their plane, followed by a fishing swivel, then by 25 to 28 feet of crepe paper streamer of their choice of color.

The plane of choice is typically a plane made from Dollar Tree Foam Board, using designs furnish by Flite Test' such as the ever-popular Bloody Baron (shown below).



**Flite Test Bloody Baron** 

Editor's Note: Prior to ordering the Crepe Paper rolls off of Amazon, I read the reviews looking for the worst performing, easiest to tear, and least durable rolls available.

When lunch was officially over and the pilot's combat planes were ready for flight six pilots made there way to the flight line.

As co-organizer I was thrilled that we got six entries, in the past that number was four participants for the last two years of combat.

First round was very eventful as one airplane at launch was caught by a strong gust of wind and pulled its attached crepe paper streamer out of control. Unfortunately, the plane was too damaged to continue in that round, and the pilot was gracious to lend a hand at photographing his follow pilot's actions. The only other mis-step during the first round occurred when one pilot had his crepe paper cut in flight, and thought it was necessary to come down and reattach a new one!

As round two began with four pilots, both Keith and Dan didn't participate due to plane related issues. Unfortunately for them missing a round hurts your overall score as you're unable to gain any points.

Round three was flown by five pilots with only Dan not participating, he was taking pictures during the event that are now posted on the Clubs Web page and can be viewed here!

The object of combat is to intercept and cut your opponents crepe paper roll, not to destroy their plane at all. Additionally, points are given, for the timed landing sequence in which an inflatable ball is placed in a 30-foot circle. Pilots try to land as close to said ball and within the circle for additional points.

Pilots strive to getting as close to the ball as possible, touching the ball gives the pilot bonus points as well.



Ron P left and Rick S center retrieve their planes from the Landing Circle

After the third and last event the judges tabulated all the contestant scores, and the Winners Prizes were distributed.

Jeff P won First Place for the 2nd Year in a Row, received a \$10.00 Arby's Gift Card. Rick S won second place this year, and also received a \$10.00 Arby's Gift Card. John P placed third, and won a Cell Meter to check Lipo Batteries!

I like to take this opportunity to thank all the volunteers and participants as well as Rick S, for helping put on another successful Combat Event.



Our Contest Winners (left to right) Jeff P, Rick S, and John P



Ron P readying his F4U Aircraft



#### Sample Combat Rules listed below!

Plane setup and some basic rules for scoring are listed below: Plane Setup

- 1. Five to Ten Feet of leader string
- 2. Twenty-Five to Thirty Feet of crape paper of your chosen color.
- 3. Flights will be 4-minute duration.
- 4. Only limit is battery size maximum 3S electric.

#### Scoring

- 1. You get 100 points for cutting another flyer's streamer.
- 2. You get 20 points for surviving the whole four minutes flight
- 3. You get 25 points for landing withing a 30-foot radius of the ball.
- 4. If you actually land and stop touching the ball you get 50 points.
- 5. There is a 50-point penalty for **Non-Engagement**.
- 6. Proposal to do up to three to five rounds.
- 7. Record was set as 550 points to a gent in Virginia.
- 8. Winner will get choice of prizes.
- 9. At launch, flyer's must be in the air in 30 seconds. Once airborne, the 4-minute timer begins.

Sample Scoring Sheet:	
Score sheet	
Name:John Doe 100 point cut stream Survived whole 4 minutes?	er 20 points
YES / NO	
Any Deductions? Land within 30 feet of Ball?  YES / NO YES / NO	' Contacted Ball
<b>Upcoming Events</b>	
** Breakfast get-together every Tuesday Morning @	Hy-Vee,
10808 Fort St, Omaha	
Every Thursday10:00 AM - 1:00 PM - Indoor Flying	g @
Community of Christ Church GYM, 140 Kanesville Bly	
Bluffs, IA 51503.	
For further information email Kevin: ulavenger@yahoo.com Cost \$5.00 includes Coffee and a Donut.	for the session is
Come fly your small helicopters, fixed wing UMX planes or small dr you're RC Car/ Truck in the gym with us where the weather is alway Thursday!	•

- Omahawks Old Timers Fun Fly, 9:00 AM till Noon,
   Wednesday Thursday, July 3rd, @ Hawk Field, Omaha, NE
   68164, USA (map) Donuts and Coffee will be served.
- Any Slow Flying Plane, 8:30 11:30 AM Wednesday, July 10th, @ Hawk Field, Omaha, NE 68164, USA (map)
- Omahawks Member Training, 6:00 PM till Dusk Thursday, July 11<sup>th</sup>, @ Hawk Field, Omaha, NE 68164, USA (map)
- Float Fly & Fun Fly, with Food Truck. 08.30AM till Noon Saturday, July 13<sup>th</sup> @ Lake Flanagan (168th & Fort)
- Omahawks Board Meeting, 7:00 PM till 8:00 PM Tuesday, July 16<sup>th</sup>, @ Zoom Call
- Omahawks Member Training, 6:00 PM till Dusk Thursday, July 18th, @ Hawk Field, Omaha, NE 68164, USA (map).
- Omahawks Member Meeting, 7 PM Friday, July 26th, @ Hawk Field, Omaha, NE 68164, USA (map).

For a complete list of all the Omaha Metro Area upcoming events please follow this link: <a href="http://www.metrorcflying.com/metro">http://www.metrorcflying.com/metro</a> schedule.htm

#### You are Invited:

**Aviation stemAHA & the Omahawks** are offering a unique opportunity for those youth 8 – 17 to get experience training on R/C simulators to fly Radio Control Airplanes. Go to sign up below for July 16th & 18<sup>th</sup>. This is in preparation for weekly available opportunities every Thursday night (6:00pm – to Dark) throughout the Summer, to fly with an instructor at Hawk Field, located at Standing Bear Lake (138<sup>th</sup> & Fort, Entrance). Both Training at Oak View Mall and the flying is FREE. Adults are welcome to fly at the field with a trainer as well (no Cost). Planes, Controllers & Instructors are provided. See the Fun going on:

Camera #1 https://omahawks.org/clubs/omahawks\_org/HiRes.jpg
Camera #2 https://omahawks.org/clubs/omahawks\_org/HiRes2.jpg

This is a daytime opportunity to do something different and break up your summer, explore and be introduced to the field of STEM Aviation.

Four youth will share (2) simulators for an hour, during each session:

## https://www.signupgenius.com/go/10C084EA5AA28A7F5C70-50140993-rcsimulator

You need to be respectful of others and sign up for only one session during this series of 4. If your plans change and you can't make a session, please cancel so others can participate

