

## Hawk Talk



## Hawk Talk

THE VOICE OF THE OMAHAWKS R/C INC Vol 72, # 07

President... Luke Hughes

Co-Editor/Publisher

Secretary... Rick Sessions

Vice Pres... Grant Schulte

Joe Hunt/ Grant Schulte

Treasurer... Kevin Hyde

**NEXT GENERAL MEETING: Friday, July 28<sup>th</sup>, 2023 - 7 PM - 9:00 PM @ Call in PC/Phone w/Zoom**

**NEXT BOARD MEETING: Tuesday, August 15<sup>th</sup>, 2023 - 7:00PM – 8:30PM Call in PC/Phone w/Zoom**

**MEETING PROGRAM: Club updates, virtual cookies, and committee updates**

**ALL CLUB MEMBERS ARE ENCOURAGED TO ATTEND BOARD MEETINGS**



## Club's President's Message for July 2023

With only about a month until our Labor Day Airshow, it's time to remind you to get your planes ready for safe and successful flying. Last year's show had a tremendous turnout of spectators and pilots alike.

## *Hawk Talk*

It's my guess that this year will be one of largest attended once again!

The Omaha and surrounding community simply loves the show. It's our club members **(you)** that make the show a huge success!

I can't wait to see what this year looks like.

Luke Hughes  
402-995-9275

### **Omahawks Member Meeting June Minutes**

June 30, 2023, 7:00pm @ Hawk Field

**Dinner @ 6pm**

**Membership Count: 180**

**Field Improvements:** We applied for an AMA Field Improvement grant, but did not get one this year.

Sealing of runway: meet with contractor and firm up start date as either w/o 7/17 or 7/24.

**Field Work Day:** in August, date TBD. Paint bleachers and benches, work on fences, stairs, etc.

**Safety:** Have an AED in shed. Directions are printed on unit. Jim B gave a demo of how to administer/use AED. First Aid kit is ready and at the field on the shelf to the right.

**Tom Floyd Memorial Fund** has been established. Funds will be used for teen programs and encouragement to learn about model aviation. Call Rick S. with questions about his planes for sale.

**New Business:**

**2023 Events/Priorities:**

## *Hawk Talk*

**Memorial Day 5/29 "Egg Burn" breakfast: 9am to 11am, Hawk Field. A huge success! Over 100 people attended.**

**Calendar link:** (click on it for full year schedule)

[https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn\\_DUau\\_fEQKQk/edit](https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn_DUau_fEQKQk/edit)

**Status of Float Flies:** Flanagan Lake near Bennington (Fort and 168<sup>th</sup>) on July 8<sup>th</sup>, 8:30am to noon. (Attendance by 20 pilots plus spectators was great. Very nice venue! **Thanks Dick Behrens** for all your efforts to secure float fly locations!

**FRIA Status and AMA:** Remote ID rules in September. We have applied for FRIA status thru AMA which eliminates need for remote ID when flying at our field.

**Contact your representative about AMA amendment! Here is the link:**

[www.modelaircraft.org/advocacy](http://www.modelaircraft.org/advocacy)

**Training Night:** Come on out and enjoy the fun! Nitro, foamies, repairs, war stories.....

### Upcoming events:

**Thursday Training Nights @ 6pm**

**Float Fly: Saturday 7/8, Flanagan Lake, 8:30 to noon. (168<sup>th</sup> and Fort)**

**Field work day: in August, date TBD**

**Show and Tell:** Patrick Jones showed off his new B-1 Lancer jet, Rick had a black/silver Great Planes Ultra Sport 60, Ron P. has a SIG low wing trainer for sale.

**Raffle winners: David Spargo and Fred Wilke**

**Meeting Adjourned:** 7:30      Motion by: Luke      Seconded

by: Paul \_\_\_\_\_

## Hawk Talk

### Field Projects:

1. Parking lot stones. (Luke & Jim B. did some stone fill work last fall 2022.)
2. Water run off issues.
3. Shingles on peak of pavilion and old shed.
4. Paint bleachers and benches. Stain where needed, including Bender memorial round picnic table.
5. Wood fence rail repair. (Eagle Scout project.)
6. Runway sealing. (July 2023)
7. Urinal in shed.

## **Omahawks Business Meeting June Minutes**

Tuesday, June 20, 2023 at 7:00pm via Zoom

**Board Members:** Luke, Grant, Kevin, Rick S., John P., Jim H., Richard G., Shaun, Cole, Paul

**Guests:** Rick H.

### **Officer/Chairman/Editor Reports:**

**Treasurer Report:** (Kevin) Reviewed and accepted the financial reports. Thanks Kevin!

**Membership Count:** 180 Off to a great start!

**Newsletter Report:** (Joe) Do biographies, Safety articles (Jim Boomsma), Solo pilots, training (Rick)

### **Old Business:**

**Field Improvements:** We applied for an AMA Field Improvement grant, but did not get one this year.

Sealing of runway : meet with contractor soon and see if either the week of 7/17 or 7/24 will work, with sealing on a Monday and painting on Wednesday/Thursday.

Work day to be scheduled in August. Watch for details later.

Weather station status? TBD

**Safety:** AED is in shed! First Aid kit is also in the shed.

## *Hawk Talk*

### Marketing ideas:

**Tom Floyd Memorial Fund** has been established. Still have 5 planes to sell (Piper 91 twin, GP Fun One 40 Sport, Giles 91 FS, Kaos 60 Pattern, Dallaire oldtimer). Call Rick S. with questions.

**FRIA Status and AMA:** Remote ID rules in September. We have applied for FRIA status thru AMA which eliminates need for remote ID at our field.

**Training Night:** thoughts and comments on last Thursday? Went well overall! Safety is top priority and so far, so good.

### New Business:

**Memorial Day "Egg Burn":** Paul coordinated the food. Pancakes again by Fred. Bacon cooked on site by Luke. A BIG success!

### 2023 Events/Priorities:

#### **Google Calendar:**

[https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn\\_DUau\\_fEQKQk/edit](https://docs.google.com/document/d/1ScbmPNWmpu7Qhln45Oxz0a3We2D8pXn_DUau_fEQKQk/edit)

**Status of Float Flies:** One on July 8<sup>th</sup>, another on September 9<sup>th</sup>, both at Flanagan Lake (168<sup>th</sup> and Fort). Do another in August? (Will see how July event goes.) **Luke got a dozen nice signs to post at lake!**

**Airplanes in LaVista:** Shaun to contact owner. Results: NICE airplanes: LT40, Avistar, T-28 (balsa, 60size), Cirrus (40 size), Tiger Moth (120 FS). Donated, except \$100 for Tiger Moth.

### Upcoming events:

6/24 Oldtimers with Lunch, if we can get food crew. (Canceled, high winds)

**Member Meeting 6/30, Hawk Field @ 7 p.m., 6pm dinner**

**Meeting Adjourned:** 8:10pm --Motion by: Luke      Seconded by: Paul

### **Field Projects:**

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8. Pavilion roof shingles need replacing on peek. Also old shed. (Aren't you glad the new shed is metal!)
9. TV Mount—DONE! (thank you Luke and Jim B.)
10. Parking lot stones. Next step: follow up with Parks Director Matt Kalcevich
11. Water run off issues. (Parks)
12. Paint bleachers, benches, Bender table. Other staining?
13. Wood fence rail repair. (Eagle Scout project)
14. Runway sealing—bid obtained, expenses up to \$6,000 approved by members.

### **Volunteer Areas:**

1. HobbyTown Rep to stock cards, posters
2. 2023 Events: leaders and helpers
3. See above New Business

## **Featured Articles**

Pictures and article courtesy of Jim Cassels

## **Summer Build of Rose Parrakeet**

“1936 era” Biplane

## *Hawk Talk*



Jim started flying RC in 1972 but have been out of the hobby for a few years. I have been a member of the Omahawks now for about a year and have not had much time to spend at the field but have been very busy building, nine planes in the last year.

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Here is a plane I just completed last week. It is a Rose Parrakeet, a 1936 era biplane.



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I have a history with the one I have modeled; it was hangered at the airport where I use to work and knew the owner and would prop it for him.



### Beautiful closeup of Jim's Continental A-65 Dummy Engine

The model is a "[short kit](#)" from [Manzano](#), 40" Wing Span, utilizing SIG wood, Continental A-65 dummy engine, Hobby King receiver/servos, Castle ESC, 480 motor, and Callie graphics.

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All up weight came out at 32 oz for a 9.7 oz/sq ft.

Looking forward to the maiden.      Jim

*Editors Note: Jim I like the great graphics and scale realism shown of your building abilities!*

***Thanks for Supporting the Clubs Newsletter!***

## Julian's Junior Journal

The following two articles and attached Pictures were submitted by Julian Wrubel, a Junior Member of our club.

# Julian's Junior Journal - June

## How to make flights more enjoyable

### Introduction

Welcome to the fourth *Junior Journal* newsletter! This time, we'll look at ways to make each flight more fun and worthwhile. I'll explain methods that I like to use to make sure I get into the air smoothly and the basic ways to make airplanes, helicopters, and drones fly more manageably. In this article my demonstrations will feature airplanes, but will also apply to other types such as helicopters. Finally, I've created this guide chronologically so you can follow it over a stretch of multiple days.

### Part 1 - Preventing crashes

This first part will be focused on preparing your airplane before flights to prevent crashes and injury. This starts before I leave to the field. Give the airplane a good inspection, and if you haven't flown it in a while or it's the start of the flying season, use an inspection checklist to check for things that need to be fixed. My [April Newsletter](#) has a relatively thorough checklist before preparing an airplane.

At the field, one thing I've noticed is that many close calls are by visibility issues. If you are not an experienced pilot, I would recommend making your aircraft more visible if it has a shade blend in with the sky. It takes a lot of stress out of flying. Any that's a shade of grey or doesn't have any bright markings can to lose on a cloudy day. To the right is my Corsair with green



caused  
that will  
airplane  
be easy  
painter's  
makes it

tape on the wing. It much easier to fly!

Remember to also add markings to the bottom. My Sbach, shown to the left, has a vibrant color scheme I've chosen for it. When it's ready to fly it will be easy to spot.

Next, I've found creating a flight log is useful. It's fun and practical to keep track of your flights, and even more important to log issues and damage. Along with the flight log I keep my registration info to know when to renew the memberships and licenses.



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Finally, bring a kit of everything you need. I bring screws, screwdrivers, Velcro, glue, tape hinges, tape, battery checkers, adapters, etc. *Bring spares, and tools to replace parts.*

Next, make sure that you have a good way to transport aircrafts. 99% of damage to my aircrafts is from transport and storage, not flying! All in-flight damage I've ever received was due to the aircraft being missed before flying, whether it was a broken hinge, poor CG (center of gravity) or a reversed servo. I've even had a problem with faulty transmitter batteries!

At the field, go through your pre-flight checklist thoroughly. Omahawks has a checklist found [here](#). For complex aircrafts, create a personalized checklist. My E-Flite Splendor has a digital transmitter checklist, and I've spent at least 2 hours programming individual rates for each channel and planning failsafes. Voice alerts are a must if you have a transmitter capable of it.

Finally, if you are flying a new airplane or would like guidance, ask a member! There are many advanced pilots at trainer nights who are willing to help.



### Part 2 - Fine-tuning your airplane

Fine-tuning can be very complex with even basic models to fly the best. With this in mind, I'll keep it (kind of) short, but still touch on everything to get a start on it. This should sound familiar to my article on checklists...because it is! The difference here is that it is focused solely on making the airplane fly better. First, make sure you get CG correct. For 3D and experienced pilots, the fuel tank or battery is moved slightly further forward. CG is typically on the wing chord or the main spar. (View link at the end of the article for more on that.) Next, make sure that all control surfaces are well trimmed and **exactly** flat with the main surface, shown to the left. Make sure main flying surfaces are straight and that the elevator and wing align. Even though my transmitter saves trims, it's important to write it down in case something happens. Make sure shafts are not bent for motors. It will damage the motor, and lower performance. I find there are two ways to tell if the motor is bent or the propeller is damaged or rubbing. The first is balance. Test the motor and propeller at a low speed to check if the spinner is moving left or right while it spins.

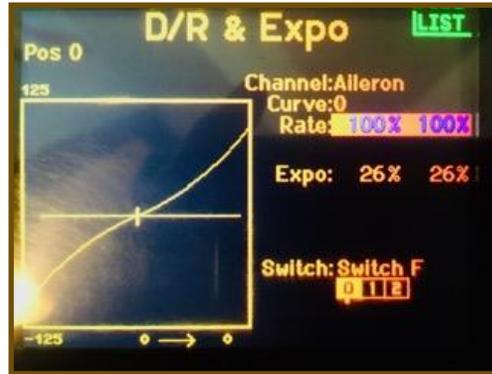
Second, if any scratching or vibration is made while the motor is running, check it out as soon as possible.

There are 3 final techniques I will be covering in this article: D/R (dual rates) and expo, and trimming. D/R and expo aren't required to have a good flying model, but are great to add when you have time. I strongly recommend taking time to do this if you are proficient, or ask an experienced member to help you set it up if you aren't sure.

Dual rates is a mode where (for computer transmitters) you can create different rates (how far a servo moves) for one model. For example, my E-flite Splendor has low rates for relaxed flying with little movement, and a 3D mode for quick movements and aerobatics. Setting this up on switches allows you to control the style of flying, and is very useful for the first time you fly a new airplane. I think it's hard to explain expo, so I'll show it

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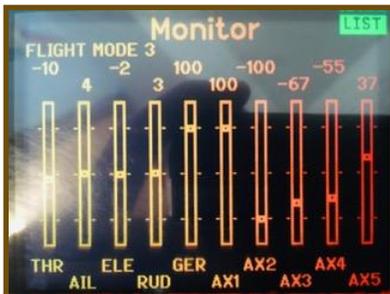
with the graph down to the right. Normally, it is shown 45 degree line, meaning your servo will move exactly amount you move your stick. However, with expo, if I to 10%, the servo may move 15% of its full throw. the servo will only move to 45%. Why would you want models can be extremely sensitive to input, making it correct. One reason I like using negative expo is that your stick a further amount without it responding as you need to have more control for any reason, you will necessary control to do it. Then again for landing, you use small movements to line it up better. Coupled with have switches for take-off, landing, 3D, and relaxed that 3D airplanes will use a lot of expo, but only for 3D pattern flying I use a very small (5-12%) amount of small, unnoticeable corrections to flight. Expo can also be negative, and keep in mind that airplanes like trainer planes may fly best with no expo. Experiment with what works best for you!



in a straight the same move my stick Then, at 50%, this? Many easy to over- you can move much, and if have the will be able to D/R, you can flying. Note flying. For expo to make

Finally, I've I arrived at the most important part of fine-tuning: trimming your airplane. Before trimming, double-check that ALL control surfaces are COMPLETELY straight. Make sure the CG is in the perfect location.

While flying, align your model parallel to the runway. Bring the throttle to the position you typically use, or about 5/8-3/4 for most airplanes. If your throttle is too low, the model may drop severely. This is (in most cases) just because it's flying so slowly that it stalled and fell. Increase your throttle to a point where the model will instead nose down or fly straight (this is called flying speed), opposed to dropping severely. Then, take your hands off the sticks for a second and trim the model. Continue doing this until it will fly completely straight in the wind. Keep in mind, wind may affect how your model is flying, so you should try to do trimming on a relatively calm day.



Left: a combination of expo, D/R, and good trimming makes performing landings easy with the Splendor.

## Conclusion

Taking time to check over and fine-tune your aircraft will certainly pay off, whether it prevents a crash or simply makes it more fun to fly. For me, doing this has made everything more enjoyable, from triple rolls on a trainer to centered landings. The checklist has also saved my airplanes on numerous times before I encountered them in the air.

The last thing I'd like to mention is that these are just a basic guide...always remember that there is no such thing as a perfectly set up airplane as it depends on preference and flying style! Some of the experienced members have helped me set up my airplanes, and will definitely be willing to help you.

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See you at the Field!

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Julian Wrubel

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

Contact me at:

[snowmanroof@gmail.com](mailto:snowmanroof@gmail.com)

Mentioned Links:

[More on expo, mixing, and D/R](#)

[April Newsletter](#)

[Finding CG](#)

[More advanced trimming](#)

More advanced trimming

## Float Fly at Flanagan Lake on July 8th

Article and photos courtesy of Dick Behrens

The weather looked good and about 20 pilots with planes took part or showed up for our second official Club's Float Fly of the season. We were fortunate this day as we were using a substitute Omaha Park Lake, since our normal lake (Standing Bear) is currently drained and under construction (news story below).

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**Jack Farner, Luke Hughes and Ethen Hughes, age 10.**

There was no conflict with kayaker's and fishermen and others, that could be seen. This was mainly due to signs put up prior to the event, as requested by City Park officials.

Pat Gurnett, provided much appreciated Chase Boat Services!

*Editor's Note: We were waiting for an input from a dear friend with initials TV, but haven't received any input to date. **We appreciate all the volunteers** that make these events happen, there's a ton of work that goes into making them possible.*

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### **Greg Ruhe and start of flight line.**

Good shot of the lake in background!

Additional Pilots included: Cliff Davis with Carbon Z Cessna, Randy Seggerman, Tom Virgillito, Dan Fitzgerald, Fred Wilke, Bob Wheeler with a GP Cub, Rod Sigel, Ron Pacana, Bryan Weeks, Rick Sessions, Jim Simonitch, Jud Brock, Mike Osborn, and our **host Dick Behrens!**



**Gary Vohnout and his Senior near boat dock**

## **Update of Construction at Standing Bear Lake**

Article and photos courtesy of Dick Behrens

## *Hawk Talk*

These are photos that show the current conditions on July 14<sup>th</sup>, 2023 at Standing Bear Lake; whilst it is undergoing a major update to the docks at the southern end near the old boat launch dock.

Our flying members should be able to pick out the shoreline which we've launched many a floating airplane from. The green vegetation see in the foreground is actually the bottom of what we knew as Standing Bear Lake.



Photo above, shows where the boat ramp used to be!

## *Hawk Talk*

[Follow this link](#) to see what improvements the City of Omaha Parks Department has underway for the Standing Bear Lake and boat Dock.



**Piles of rock, large sand, pipes taken on July 20<sup>th</sup>**

**June 10, 2023 Combat Event at Hawk Field**

Article and Photos submitted by Joe Hunt

## *Hawk Talk*

For several year now I been hosting an annual June Combat Event with Lunch at Hawk Field, it originally was held with the idea that pilots could fly inexpensive **Flite Test** planes but we really don't stop any flyers from flying what they bring!

This year was slightly different in the fact that it occurred on my 69<sup>th</sup> Birthday, my youngest son Geoffrey accompanied me to the event and assisted with lunch setup (food provided by Arby's, he is an assistant Store Manager) and took most of the photos of Combat Action.

The general consensus was that the flyers were hungry at the 12:00 noon start time, so lunch provided by the Arby's at 120<sup>th</sup> and Center was served.

Thanks to **Rick S and the club**, for assisting with Drinks and Chips, as well, there was plenty to go around!

Mr. Tom Virgillito graced me with his able assistance as a co-judge of the participants multiple four-minute flights.

We kicked off the competition around 12:35, after everyone choose their favorite-colored thirty-foot crepe paper streamer and attached their ten-foot string leader with fishing swivel.

Rick S, was flying a plane from the late Tom Floyd, which was new to him so he went up for a practice flight or two, just before official start.

We flew a total of three heats, although not everyone finished at the end.

## *Hawk Talk*



### **All participants getting in the action**

Note: fourth plane just on the right edge

It was really exciting to see all the action in the air, many close calls and just a few cut ribbons, which actually surprised me of how many misses. Furthermore, we uploaded a total of 30 Video's and photos to the Omahawks Website Photo Gallery. Flying participants included: Jeff Pinnt (who won first prize with the highest score), Rich Session, Bunny Farrow, and Dakota Anderson.

Other attendees included Joe and Geoff Hunt, Mikey Farrow, Sheri Sessions, Tom Virgillito, Dean Copeland, and Ron Kriege, and possibly others I missed.

## *Hawk Talk*



### **Three Planes mix it up trying to cut the streamers**

Dean Copeland assisted this year as time keeper, calling out landing times and keeping everyone honest.

Normally we'll have a Combat Segment in this Years Labor Day Air Show, love to see many more participants!

Editor's Note: If you're interested in the process of participating in a Combat Event, I put together so guidelines for plane setup and some basic rules for scoring are listed below:

#### **Plane Setup**

1. Five to Ten Feet of leader string
2. Thirty Feet of crape paper of your chosen color.

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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. Ball located in Grass Area other side of Runway.
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 within 30 seconds. Once airborne, the 4-minute timer begins.

### Sample Scoring Sheet:

Score sheet

Name: \_\_\_\_\_ 100 point cut streamer 20 points Survived whole 4 minutes?  
\_\_\_\_\_ YES / NO

Any Deductions? Land within 30 feet of Ball? Contacted Ball  
YES / NO YES / NO

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## Upcoming Events

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

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

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

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

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Every Thursday – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

[Check Club Web Site](#) for up-to-date info about any given Guest Night Event!

**Omahawks Member Meeting, 7 PM Friday, July 28, @ Call in PC/Phone w/Zoom** Due to Extreme heat! See email sent by Rick Sessions

August 3<sup>rd</sup> – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

August 10<sup>th</sup> – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

August 17<sup>th</sup> – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

August 19<sup>th</sup> – 8:30 AM – ?? – 2023 Omahawks Pattern Contest @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

August 24<sup>th</sup> – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164

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**August 31<sup>st</sup> – 6 PM – Dusk – Omahawks Training/Guest Night @ Hawk Field, Standing Bear Lake Park, 138<sup>th</sup> and Fort Streets, Omaha, NE 68164**

**For a complete list of all the Omaha Metro Area upcoming events please follow this link: [http://www.metrorcflying.com/metro\\_schedule.htm](http://www.metrorcflying.com/metro_schedule.htm)**