



OMAHA NEBRASKA
AMA 857

TAILSPIN NEWSLETTER

June 2019

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A Word from the President



Guess I'd be repeating myself if I started talking about the weather. The year seems to be non-stop rain, wind, storms, and more. Some flying is getting done, but we should be flying more. Maybe June will be better to us.

Hope you all are able to come out to the field on June 15th. This will be the club's *Spring Fun Fly*. There will be lunch and drinks. Bring your favorite airplane and let's have some fun.

Let's go fly!

- Rick Miller

Meetings: TBD



Vice-President's Corner



We had a pretty good turnout for our recent fun fly even with it being kind of windy. There were a lot of bi-planes including a 1/3rd scale *Sopwith Pup* built by Tim, Scott, and John with a 9 ft wing span. It flies very good.

I took a Cub but forgot the wing tube so didn't fly. Looking forward to some good flying this summer. Let's get some more people out there flying when we have a nice day. See you at the field.

Go out and Fly!

- Rick Haneline



Treasurer's Report



As of this date we now have a total of 47 paid up members. AMA chapter fee is paid, as well as the field insurance.

If and when the rain will subside we should be up for a full summer of flying. Was not able to make the WW-I fun fly but my sources indicated that it was a fun filled day and those who attended enjoyed all the pleasures of friendship and great flying. The Club has more events planned for the summer, so make plans to join in.

Your Treasurer

~ Dean Copeland

Mead Field Weather Station



installed.

Almost instant reporting of weather conditions at our field can be viewed from your computer or phone. It is available through *Weather Underground* from a weather station that the university's ARDC Farm/Facility Shop has

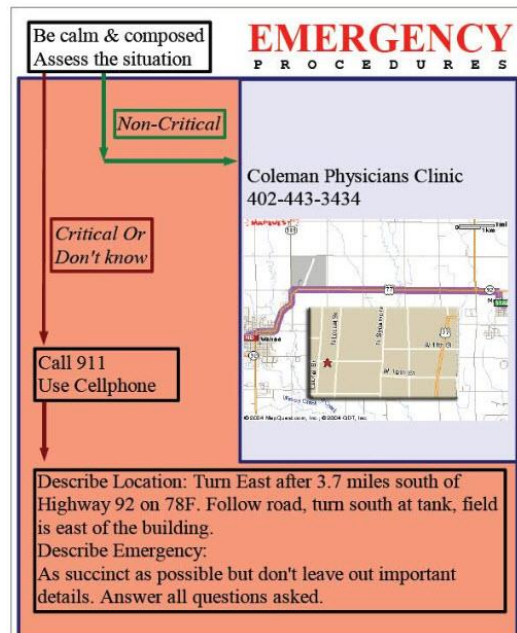
<https://www.wunderground.com/personal-weather-station/dashboard?ID=KNEMEAD2>

~ *Dues 2019 ~

*Application for membership or paying member dues may be mailed to:
Dean Copeland, Treasurer
15668 Fountain Hills Dr.
Omaha 68118

NOTE: Please include your postal mailing address when sending in dues. Also your phone number and current e-mail address. April 1 was deadline for getting dues paid. Thanks.

911



Wahoo Municipal Airport, Nebraska Aviation Weather Report and Forecast

<http://www.usairnet.com/cgi-bin/launch/code.cgi?Submit=Go&sta=KAHQ&state=NE>

Western R/C
Flyers

Western R/C Flyers **SPRING FUN FLY**
 OMAHA, NE - AMA 857
 AMA card required to fly
Saturday June 15th
 9:00am until Dusk

Any type or size of airplane, gas or electric may fly!

Trainers, Sport Flyers, Scale, Single Wing, Multi Wing, Single Engine, Multi Engine, Gliders, etc.....



Landing Fee \$10 includes lunch/drink
 (Guests \$5)

AMA
 SINCE 1958

Mead Field located 3.7 miles south
 Town of Mead

- Things Going On -

by Nelson Carpenter



Well we were able to hold the *WWI & Golden Age Fun Fly* on May 18th. The entire week prior made it questionable as the weather closed in on us. We almost cancelled or postponed the fun fly. But the nearer we got to that Saturday, the more it felt like it was going to happen. As it turned out, we pulled it off with 14 flyers and a good number of visitors.

The six of us who mow and maintain the field, really appreciate the compliments we've received on its condition. Thank you, and "thank you" again for doing your part keeping the field cleaned up after flying.

Our storage building is getting a new garage door to replace the one in poor condition. The club is purchasing the door and having it installed. It's a win-win with the door as we are making an improvement for the ARDC building and improving security. The door should be in place by the end of June. Soon after we will be giving the building a fresh coat of paint.

Once we get through this wet rainy part of the year, painting of the storage building will get done. Volunteers will be sought out to help. When we painted it 10 years ago, it only took half a day with six of us brushing and rolling it on.



Two more large fun flys are scheduled at our field this year. Next up is the Spring Fun Fly fun fly on June 15th. All model aircraft are welcome. We expect a good turnout, with invites going out to area flyers. Join us. If not to fly, then socialize with the club and others.

Several good reports were sent in for the newsletter this month. You should find them interesting. I made Loren a *YouTube* video of his 1/4 scale *Bücker Jungmann* to go with his article. But he got after me for showing an aborted takeoff and a rough landing. Can't win them all... I'll do a better job videoing next time.

BACK ISSUES TAILSPIN:

http://www.metrorcflying.com/metro_newsletters.htm



PROTECT YOURSELVES!

Mead Field Weather Station

<https://www.wunderground.com/personal-weather-station/dashboard?ID=KNEMead2>



Western R/C Flyers

WWI & Golden Age Fun Fly

by Nelson Carpenter



The weather was a factor on May 18th, and we considered cancelling the fun fly. But that was earlier in the week, and the closer to Saturday it became, the less apt that was to happen. The fun fly was a “go” although the winds were strong most of the day. It wasn’t until near noon that the first flight got up in the air.

There were 14 flyers participating with their WWI or Golden Age aircraft. Visitors numbered another 10 or so. Those who helped pull this fun fly off include **Bernie Baker**, **Doug Clemetson**, **Larry Inness**, **Loren Blinde**, **Steve Rasmussen**, and myself.

Due to the stiff winds, some flyers felt safe staying on the ground and just displaying their models. While others flew including a “group flying” of quarter scale WWI airplanes. The air was too turbulent to call it “formation flying.”

Club members **Tim Ryan** and **John Millie**, along with future club member **Scotty**, brought their giant 1/3rd scale *Sopwith Pup* and flew it later in the day as winds calmed. Every other airplane there was dwarfed by its presence. Huge yes. They did a great job rebuilding and covering this Balsa USA model rescued from the rafters of a friend’s business. We all enjoyed seeing it.

Did I mention the lunch? Making it worth attending the fun fly was the lunch that **Doug Clemetson** cooked for us on the grill. We had hamburgers, brats, and hot dogs as well as homemade potato salad that Doug put together himself. Everyone raved about the potato salad and Doug’s cooking skills. So much so that there was a movement to make him president of the *Western Flyers* as a reward if he continues cooking at the fun flys. Doug said he would anyway.

All-in-all the club’s first *WWI & Golden Age Fun Fly* was a success despite the weather. We look forward to doing it again next year. Although it will probably be held earlier than May. Be sure to plan ahead for the next one.



Cont. page 5



*Western R/C
Flyers*

WWI & Golden Age Fun Fly Cont.



Cont. page 6

*Western R/C
Flyers*

WWI & Golden Age Fun Fly Cont.



Cont. page 7

*Western R/C
Flyers*

WWI & Golden Age Fun Fly Cont.



*Western R/C
Flyers*

Skyhunter 1800

Submitted by Tim Peters



I had been looking for a FPV platform to use instead of the setup on my Airtronics Olympic sailplane. On the Banggood web site I found the 'Skyhunter 1800' plane—it's a high wing foamy. Wingspan is 1.8 meters (almost 6 feet). The electric motor (SunnySky 2820 920 KV brushless) is mounted on the back of the fuselage in a pusher setup. The plane employs twin tail booms; each mounts to the back of the wing via a bracket. At the opposite end a vertical fin is mounted to each boom and the stabilizer/elevator connects the booms together.



The equipment area in the fuselage is very large and will accommodate pretty much anything you want. My intent is to use a 5000 mAh 3s 60C lipo and I purchased (2) of these packs. Using only one battery, the balance point is still two far back; it seems that with two packs the center-of-gravity is spot-on. So, I am thinking about either installing both packs and using just one-at-a-time, or alternatively, making a specialized connector that connects both packs in parallel and directs the output via a single EC-3 connector to the 60-amp speed controller. This seems safe to do provided the battery packs are identical in voltage, mAh, and 'C' rating. I went ahead and created the parallel connector cable; it can be used with either pack by itself or in parallel. I plan to do some flight testing soon; the initial tests will be without any FPV equipment just to shake things out. Hand launching may be daunting as it is heavier and faster than most hand-launch planes. (I'm more than just a little leery of the 11x7 prop behind my hand as I toss the plane!) Thinking of using a launch trolley (like Jud Bock has used on some of his planes) or maybe a short bungee-launch setup.



Black Hills Air Rally 2019
July 18-21st • Rapid City, SD

JUL 18 - JUL 21

Black Hills Air Rally 2019

Rapid City, SD

As seen in **Airplane** magazine

31st Annual B-17 GATHERING & BIG BIRD FLY-IN AND B. B. WEBER MEMORIAL MEET Sept 18-21, 2019

We invite you and your fellow RC pilots and families to join us for the very special 31st Annual B-17 Gathering and Big Bird Fly-In and B. B. Weber Memorial Meet at our home club field, Bomber Field (bomberfieldusa.com).

Many great activities are already confirmed for the big event. Once again, the radio-controlled big birds and bombers are migrating south to Bomber Field for the 31st Anniversary airshow at Murrells, Texas.

All Big Bird aircraft are welcome to participate, including turbine aircraft.

As is customary, only B-17s will compete for the Perennial B-17 Trophy.

Bomber Field is the dream come true of our late founder, Mr. B. B. Weber, who designed and developed the facility we enjoy today. This year, we gather as friends and fellow aviation enthusiasts to celebrate the legacy he built and to remember and honor him through the 31st Anniversary Meet.

RAFFLE GRAND PRIZE WIN THIS B-24 LIBERATOR!

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Western R/C
Flyers

Bücker Jungmann

By Loren Blinde



Several years ago I acquired a set of plans, originally published in *RC Model World*, and a cowling from the now defunct *Traplet Publications* in the UK, for a 1/4 scale *Bücker Jungmann*. (I put the proper German umlaut over the u to confuse Nelson's spell checker). After a few years of occasional progress, I accidentally finished the plane and am now faced with the inevitable tasks of writing an article, much less flying it.

The *Jungmann* (say it with a Y, not a J) is a two place primary trainer, first flown in 1934. It was used extensively by the *Luftwaffe* leading up to and during the war, and survived in many other countries post-war. It has a good reputation for both simplicity, the upper and lower wings are interchangeable, and flight performance, both as a trainer and for aerobatics. If you've seen the *Jungmeister*, that's the single seat advanced aerobatic version.

This model has a 72" span, weighs about 13 pounds and is powered by a *Saito FG-21* engine (4 stroke gas). The wings have both dihedral and sweepback, which made for some interesting spar and brace layouts, along with four ailerons activated by two servos. Flying wires are very functional and quite a pain to assemble. (If you have a quick connect scheme for flying wires better than the clevises I'm now using, I would love to hear it!)

Once broken in, the engine seems solid and ran noticeably better with a 2S lipo powering the ignition. It turns a 16X6 prop at 9,000 rpm. The recommended gas/oil mix is 20:1, which makes this the dirtiest engine I have ever used, whether from exhaust or crankcase blow-by. (I must have been spoiled by my *Brisson* engines running 80:1 *Amsoil*). However, it is also the most miserly fuel sipper. I'm using an 8 oz. tank, which will run at full throttle for nearly 20 minutes.

The scale-subject markings are those of a captured plane flown from France to England in 1941. There is also a replica residing at the *Fantasy of Flight* near Orlando. The covering is light grey *Ultracote*, dulled by steel wool on an orbital sander (thanks to **Tom Wild** for that tip). The markings are home brewed and historically, even if not politically, correct. The instructor pilot is **Darryl** and the student his younger brother **Darryl**.

Oh yeah, flying. At this writing I've had it out once. Other than senior **Darryl** nearly falling out due to a failed hot melt glue joint, leaving junior **Darryl** to manage the landing, it went reasonably well.



Loren Blinde's *Bücker Jungmann* in flight:
https://www.youtube.com/watch?v=rFNPCRUI_2I&t=24s

Western R/C
Flyers

Racing and Pole of Doom

By Tom Wild



The 25th running of the MWSC (*Mid-West Slope Challenge*) was held at *Wilson Lake, KS* on May 15 through May 18, 2019. The pilots gather from far and wide to fly their slope planes, either in competition or just fun fly. On Thursday the winds were a bit on the south-southwest direction, so we flew combat in the morning on the southern tip of airport hill. The object of slope combat is to knock someone out of the air while maintaining control of your glider. The winner of the event has the most kills and the lowest number of times being shot down. Flying wings seems to be the glider of choice.

After lunch the winds shifted southerly enough we could fly warbirds on the man slope. A warbird is a passable replica of a combat aircraft in service between 1935 and 1955. This is a race between pylons with a bit of a twist. The airplane must pass the near pylon (*Pole of Doom*) on the pilot side of the pole and at some time during the turn, must pass below the height of the pylon. This can be a challenge when the winds pick up and have caused the demise of more than one warbird. This race is held between two pilots and 5 laps are run. Before any slope race is started, the pilot is giving a set amount of time to gain altitude before diving or the starting line.

The following day we ran the ODR (*One Design Race*) in the morning. This race is between two pylons with 4 gliders in the air per race heat of 5 laps. This race draws the most participants as it is a lower cost glider than the unlimited race. **Jack Barry** and I both compete in this event. This year Jack was tied for 3rd place and had to race in a tie breaker. This year we had several mid-air collisions damaging a few planes, but Jack came out of two mid-airs and kept flying. I managed not to damage anything this year.

In the afternoon we ran the *Unlimited Race* which is between two planes per race heat. Unlimited gliders have a broader range of acceptable limits and are very fast and exciting to watch.

We have a banquet on Saturday evenings at the *K-18* to award event trophies, draw for door prizes and feast on a prime-rib dinner. Our event organizers, **Erik Eden**, **Larry Purdy** and CD **Mark Dennis** do a bang-up job, and all participants go home happy and entertained.



Visit midwestslopechallenge.com for details on rules and see a photo gallery of past events.



- Jack Barry (*Nebraska T-shirt*) demonstrating to Tom how he wants his green glider launched.



- Pilots shown flying off the south end of "Airport Hill" at Wilson Lake KS. Pilots will fly combat for hours until the event organizer sees participation is down and calls an end to the event. Each pilot keeps a score card which gets signed by the person he knocks down.



- Jack survived two mid-air collisions in the ODR race. Unknown at time, Jack's green glider is the cause of this glider shedding its wings.



- Brothers **Dave** and **Bryan Lorenzten** and **Joe Chovan** of New York walking up the hill with an unlimited glider.

Cont. page 11

Racing and Pole of Doom Cont.



- Warbirds as they are making a turn around the Pole of Doom.



- Tom launching Jack's green glider. Striped shirt is **Thane Kirchoff** of Lincoln and his launcher/caller **Jim Baker** also of Lincoln.



- Two unlimited racers flying a close heat.



- Parked on grass is an example of the unlimited gliders at the event.

NOTE: All photo credits to **Bryan Lorentzen** of Wisconsin.

*Western R/C
Flyers*



~ Western R/C Flyers Event Schedule ~

Schedule for club events to be set and posted within **Metro Area RC Flying** website calendar. Our dates will be provided to Keith who maintains that website.

http://www.metrorcflying.com/metro_schedule.htm



Western R/C Flyers Inc. Membership Application 2019

Please print clearly!

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Evening Phone: _____ Day Phone: _____

Email: _____

AMA Number: _____ Dues Paid: \$ _____

2019 Dues: \$35 (Renewals should be paid by **April 1**) New ___ Renewal ___ (Check One)

Sign Here: _____ Date _____

Membership application subject to approval. AMA membership is required.

Make Checks Payable to: Western R/C Flyers

Complete this form (new applicants only) and send with check to WRCF Treasurer:
Dean Copeland 15668 Fountain Hills Dr. Omaha, Nebraska 68118