



OMAHA NEBRASKA
AMA 857

TAILSPIN NEWSLETTER

June 2020

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A Word from the President



I hope all of you and your families are coping well. But by all means continue to follow the state's guidelines for distancing and group size when at the flying field. It is for your safety and everyone else. Aside from the fact we are on state property and need to follow their guidelines. One day the epidemic will be behind us. Then we can get back to normal life and normal flying.

I'm really sorry that we had to cancel our events. But they will be better than ever when we get back to holding them.

Let's go fly!

- Rick Miller

SPECIAL COVID 19 NOTE: WRCF members/flyers are not to approach ARDC offices and/or maintenance operations buildings at Mead. Nor do you directly approach any of the ARDC personnel. Watch further notice.



Meetings: TBD



Vice-President's Corner



I haven't been doing much with my airplanes lately. I've been making some woodworking projects that I have been putting off for too long. They are almost done so I will start getting planes ready.

I hope everyone is getting into the flying season. Starting the first we will be able to have more people at the field at the same time. That will be nice. *Frontier Flyers* in *Fremont* is putting out a flyer about a Swap Meet we are going to have on June 27th. If you haven't seen it yet, get ahold of **Scott Kuhn**. It will be at our *Frontier Flyers* field north of *Fremont*. Hope some of you can make it. Also hope the weather lets us get out and do some flying. See you at the field.

Go out and fly!

- Rick Haneline

Treasurer's Report



Not much to say this month. The current list of the club's membership is shown below. We have hit 50 members which is about what we usually carry year-to-year.

Be safe and stay well.

Your Treasurer

- Dean Copeland

Things of Possible Interest

by Nelson Carpenter



FUN FLY EVENTS 2020 - A reassessment will be made near the end of summer as to when or if our events can be rescheduled this year. The June 20th *Spring Fun Fly* is postponed, but most likely cancelled this year.

DISTANCING - The virus is not going away anytime soon, and "*social distancing*" should continue be practiced at the field. That's my personal opinion and what I shall do while flying at Mead. I didn't mean to load up our newsletter with *Covid*, but felt it important to at least put it out there.

RC TRAINER TO AN A320 - Back in the late 80s at *Bud's Field*, I taught a young kid how to fly his RC airplane. That "*young kid*" went on to make flying a career. Currently he flies out of Chicago for *United* in *Airbus A320s*. Joe Nemecek has been a member of our club, and when in town, comes out to see us at *Mead Field*. He recently finished building a glider while on *Covid* downtime, and got in its first flight. Joe's glider is on page 11.

FIELD ACCESS - Please remember to use the designated roads to get from the highway to the field. There is a map in this newsletter. The *ARDC* personnel are at work and we want to always give them the space they need. This time of the year they are busy going to and from the fields. See page 5 for enlarged map.

FREMONT FRONTIER FLYERS - This month Scott "Scotty" Kuhn and his posse are holding a *Swap Meet* at their *Fremont* field. It is located on the north side of Fremont not very far west of Highway 77 that leads to *Scribner*. The particulars can be found in their flyer on page 6.

NEW AIRPLANES AT FIELD - Several winter/spring build projects are featured in this month's newsletter. Some you haven't seen until now.



Mead Field Weather Station

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 installed.

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

SEND ME A PHOTO OF YOUR LATEST, OR OLDEST, AIRPLANE. A ONE LINE DESCRIPTION IS ALL YOU NEED IF NOT WANTING TO SAY A LOT ABOUT IT. I WOULD LIKE TO RUN THESE IN THE NEWSLETTERS. THANKS, NELSON

*Western R/C
Flyers*



August 2011

WESTERN RC FLYERS ROSTER

Current May 2020

	<u>2020 Members thru April</u>		<u>AMA</u>
1	Jacob	Brown	596446
2	Jim	Hoff Jr.	858014
3	Skip	Brown	90624
4	Don	Pieken	491585
5	Galen	Lillethorup	
6	Tim	Peters	41409
7	David	Kelly	113940
8	Tim	Ryan	1151475
9	Loren	Blinde	91210
10	Tom	Wild	129512
11	Jack	Wilhelmi	N/A
12	Paul	Edmunds	921
13	John	Millie	390177
14	Doug	Clemetson	1079758
15	Mike	Lawver	1010979
16	David	Reiber	281
17	Bud	Mitchell	747892
18	Jack	Barry	741022
19	Jud	Bock	558416
20	Rick	Miller	5906
21	Nelson	Carpenter	5730
22	Earl	Pollard	865026
23	Tom	Floyd	130852
24	Dean	Copeland	700148
25	Steve	Rasmussen	108676
26	Ron	Pacana	96202
27	Carroll	Jolly	847183
28	Frank	Trouba	54712

	<u>2020 Members thru May</u>		<u>AMA</u>
29	Richard	Jonas	997091
30	Rene	Mayo	1038588
31	Dennis	Bender	916241
32	Rick	Haineline	445993
33	Bob	Wheeler	775001
34	Jim	Henley	816592
35	Brian	Peterson	112922
36	Larry	Bailey	632167
37	Larry	Inness	883391
38	Bernie	Baker	928732
39	Skip	Prusha	333250
40	Rich	Tiller	640635
41	Jim	Simonitch	108012
42	Mike	Vlcek	101775
43	Michael	Watson	794778
44	Rick	Sessions	105968
45	Matt	Meyers	846688
46	James	Mather	828463
47	Scott	Kuhn	509990
48	Jeff	Jacobs	422320
49	Rich	Walker	923881
50	Larry	Woscyna	1061039



PILATUS PC-12



BACK ISSUES OF TAILSPIN:
http://www.metroflying.com/metro_newsletters.htm



Making a Stand

Submitted by Loren Blinde



In last month's newsletter, I noted the condition of our starting stands and extended a "volunteer opportunity" to build some new ones. Since then, two club members stepped up and did that very thing. Jack Barry and Tim Peters donated the effort to each assemble and deliver two first-rate stands. Recognition is also in order to Linda Barry and Janet Peters for dealing with pulling splinters and the domestic disruption that accompanies a home assembly line.

I also salvaged a scrap table top from the shed and added legs and wheels. So we now have 5 new stands! Good work all around. That means, in addition to the couple of good stands already in hand, we now have enough and there is no need to volunteer to build any more. Some of the old rotting stands have made their way to the Lincoln landfill and there's more to follow.

As noted last month, the stands are an excellent opportunity to practice physical distancing. The mowing crews keep moving them apart, despite your best efforts to do otherwise. Please resist the temptation to move the stands cheek-to-cheek with your flying buddy. He really isn't that good looking anyway 😊

Loren



Jack's



Tim's

Worth Viewing

Submitted by Nelson Carpenter

Are you running out of movies and videos to watch while on lockdown? Then check out the recent movies below. If you know of any others we should be watching, send me an e-mail.



If you like airplanes, I wouldn't be surprised if you liked tanks too. This Russian made movie (2019) is found on Amazon Prime. It takes place in 1944 in Germany where a group of Russian soldiers manage to escape from captivity in a half-destroyed T-34 tank. Great movie. Run time 1hr 56min.



"1917" was in the theatres not too long ago. I saw it, and enjoyed it. Especially the videography. It is about two WWI British soldiers who must cross enemy territory to deliver a timely message that would stop a deadly attack. This is mostly in the trenches, yet there is one German Fokker DVII that makes an appearance. Run time 1hr 58 min. You can find it on Amazon Prime.

Wahoo Municipal Airport, Nebraska Aviation Weather Report and Forecast

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



Frontier Flyers first annual open air swap meet



If you are tired of staying indoors because of cancelled events then come and spend the day with us. We are a small club of relatively crazy RC enthusiasts with a very nicely kept flying venue. We would like to share that venue with you for a day spent swapping, selling and sharing RC vehicles, parts and tools.

If it floats, flies or rolls it is welcome. If it is new, used or vintage it is welcome. As long as it is RC or RC related it is welcome.

Spots on the lawn are \$10 and that is it, we don't want a percentage.

If you want a sun shade bring it with you.

If you want a table bring it with you.

If you want a chair bring it with you.

What we are providing is space and friendship.

There will be food available priced reasonably.

When: Saturday June 27th 9am

Where: 1655 County RD 20 Fremont Nebraska

Since this is our first venture into the swap meet realm we respectfully ask for an RSVP just so we can get an idea of what to expect. Call to RSVP.

Scott Kuhn (402) 305-5971

John Millie (402) 720-7373

Email: SKuhn68@live.com with any questions



MEAD ACCESS and COVID

Club Members,

- This message is a reminder of which roads should be used to access our field. Most importantly, do not take the main drive that passes through the ARDC operations area and its buildings. The less disruptive we are to their activities, all the better. See aerial photo page 6 for the roads to use when turning off the north-south highway.

- Also, with our flying field being on state property, we must follow their guidelines for "*social distancing*" and gathering in groups. Besides staying safe, the last thing we want to do is jeopardize our use of *Mead Field* by not abiding by the guidelines.

- Hope you all take this message in good spirit. Be safe, be active, be calm, and be respectful to others.

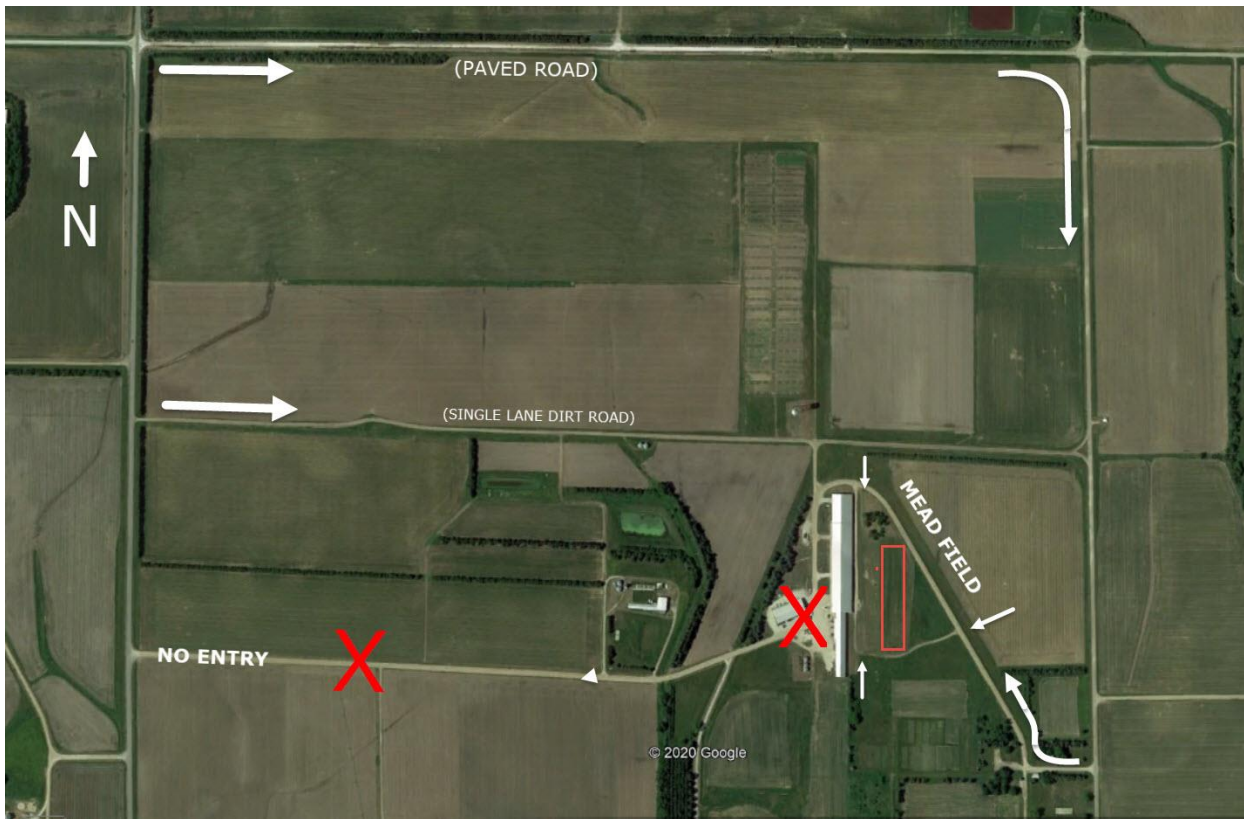
FACE MASKS - CONSIDER WEARING ONE AT THE FIELD. NOT ONLY WILL IT PROVIDE SOME PROTECTION, BUT COULD SERVE AS A REMINDER FOR EACH OF US TO KEEP DISTANT.



Western R/C
Flyers



MEAD FIELD 28 MAY 2020



ENLARGED AERIAL VIEW OF ACCESS ROADS



“Don’t Believe Hands Free!”

Submitted by Mike Lawver



This was my first LARGE scale build (I call it a build - even if it is an ARF - not starting with sticks like some people do) of a NEW airframe and only my third NEW. The other two were small electrics. I hope I've improved my abilities to the point of having the pleasure of flying something this nice.

Specifics: Plane is an 89" PAU (Precision Aircraft Unlimited) 330SC that I got on a Black Friday sale. PAU has since sold to CARF. It is powered by a DA60 with a 23-10 Biela prop. I love the Biela props. They balance perfect and perfect with BLING 3.5" aluminum spinner. The aircraft weighs in at 18lbs 7 oz. all up dry (no fuel.) I started weighing my planes last year with an AC scale that we use at work (very accurate, and gives me some good info when comparing how each plane performs with different power setups.)

Control system: Two LiFe 6.6V batteries (My regular setup that I've been using in all my gassers) to a Fromeco Wolverine switch to a Smartfly EQ10 distribution board Smartfly optic kill. This is first time I've set one of these up and it's a little different than the RCExl units. I'm used to powering the ignition direct from the board, so I don't need separate ignition battery.

The switch and the Smartfly both provide bat share/elimination in case of a short or a bad battery and provide hopefully good clean stable power This is the same setup as the Jtec. Panzl that I got last year and it seemed to work good so I copied it To a Futaba R617FS receiver I only need a 7 channel RX as the EQ10 has the capability of powering up to 4 servos with reversing / end point / and fine adjustments on each channel And gives me options on what batteries I use.

Control surfaces are swung with Hitec HS-7955TG servos with SWB aluminum arms I really cut back on the rates / My lows are set at about 40% max / this bird would definitely be capable of maneuvers that I'm NOT. I do have a Hitec HS-645MG on the throttle because I tend to like a nice somewhat slow but steady throttle movement. And thanks to our friend Larry Inness, I have a nice Paul Harris smoke pump in it.

First maiden take off, that was near perfect, I did about 3>4 clicks of trim on the elevator. I think a couple on ailerons. Then on the first downwind leg I actually held up my TX, turned, and looked at Larry and said (I don't believe this - Hands Free.) Also, I had four of the best landings ever over the last year.

I think it's a keeper!

Mike L.



Coronavirus Awareness

Fellow fliers, consider what the single dirtiest and germ-filled place at the field might be. Correct if you guessed the door to the outhouse! Filthy in the best of times.

Fliers are encouraged to bring antibacterial wipes to keep that clean, and also to clean up any transmitters or other equipment that others may touch.

Keep each other safe.

Western R/C
Flyers

Lithium Glow Starter

Submitted by Tim Peters



If you are still clinging to those nasty nitro-powered models that smell foul and leave an oily mess on your aircraft you may like this product. I have made a couple of trips to the flying field with my nitro planes only to find that my *NiCad* glow plug starting battery was in need of a charge. I am usually lucky enough to find a fellow enthusiast who will lend me their glow starter, but I have also wasted a trip.

Fellow *WRCF* Tom Floyd recently lent me his lithium battery powered unit. A single lithium cell is 3.7 volts, more than twice the maximum voltage required by a glow plug. In this application, a voltage regulator reduces the voltage to the correct setting. Tom also says that a normal charge will last most if not all of the flying season. His comments made perfect sense to me, but I still waited....until recently when once again I was eager to fly but the glow battery wasn't in the mood.

The unit is made by *Dynamite*. Manufacturer notes follow:

- *LiPo* powered, providing 1.5 Volt higher power output versus 1.2 Volt *NiMH* glow drivers.
- Switching power transfer (low heat dissipation.)
- *LED* indicator light allows users to detect if the glow plug is good or not.
- Includes a 1S 1200mAh *Li-Po* battery and charger.
- Fits all glow plugs.
- High-technology regulator, transforms 3.7 Volt battery output down to 1.5 Volt igniter output.
- 2.5mm DC Jack, Center pin positive charge hole.

Initial tests look good. When a glow starter has a long shank, I often wonder how long it will last mechanically before it comes loose from the base. We'll see.



GET READY..... CORN THIS YEAR....

SEND ME A PHOTO OF YOUR LATEST, OR OLDEST, AIRPLANE. A ONE LINE DESCRIPTION IS ALL YOU NEED IF NOT WANTING TO SAY A LOT ABOUT IT. I WOULD LIKE TO RUN THESE IN THE NEWSLETTERS. THANKS, NELSON

*Western R/C
Flyers*

Staggerwing Build - Part III

Completion

Submitted by Bernie Baker



I'm getting close to completing the *Staggerwing* winter (and spring) build. Overall it's been an interesting exercise with some twists along the way. This model has one small hatch in the bottom mid-section, which would make servicing any main components impossible. However, a unique feature is the bolt-on firewall. There are 8 bolts that hold this to the fuselage. The only thing you need to do when removing it is to disconnect the throttle linkage. This then opens up the entire front-end of the airplane.



I decided to finish the model with *Rustoleum* rattle-can paint. I've been pleased with the paint but not the results of glassing and finishing the foam-core wings and tail surfaces. I've glassed sheeted balsa in the past with good results. However, foam is much more unforgiving with extra sanding and filling needed for good results. Lots of imperfections (*but not so many as to start over again.*) Lessons learned the hard way.



The color scheme is one that I saw in an aviation magazine. I masked the cowl and fuselage and applied gold paint. *Callie Graphics* supplied the numbers. All that's left is to finish some small items, install the windshield, and set the CG. Then it will be time for a maiden. Three field photos by Nelson were on May 29th when I did taxi trials. I hope you have a good flying season in this *Covid* year.



Stand Builder Confession

Submitted by Tim Peters



In last month's *Tailspin* I included a teaser of a kit box 'bigger than a breadbox but smaller than a Volkswagen.' It's a *Top Flite Cessna 310*. Some of its features include a beautiful gel-coated fiberglass fuse, flaps, and pre-installed (and pre-wired) light systems. Wings and horizontal tail are covered in white *MonoKote*. It is designed to fly on two OS .46AX engines which is what I am using (currently breaking-in the motors using a couple of sport planes).



Those of you 'of a certain age' may remember the *Sky King* television show that ran from 1951-1959. It was a favorite of mine. Arizona rancher and aircraft pilot Schuyler "Sky" King flew a *Cessna 310* in the later episodes of the show. Per *Wikipedia*, King usually captured criminals and spies and found lost hikers, though he did so with the use of his airplane, the *Songbird*.



The model uses (9) servos, (3) in each wing and (3) in the fuselage. Retracts are *Robart*, specifically designed for this model. Wingspan 81", wing area 914 in² weight to be around 18 pounds. I have been working on completing the wings for several weeks, and will soon begin on the fuselage. More to be revealed soon!



Wahoo Municipal Airport, Nebraska Aviation
Weather Report and Forecast

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

Glider Completion

Submitted by Joe Nemec



Although I live and work out of *Chicago* now, I still keep in touch with my friends in the *Western Flyers*. When back home in Omaha, and have time, I come out to the field to see everyone.

By text, I sent Nelson a few pictures of a model airplane I just built after being away from it for several years. Flying *United A320s* for a living keeps me very busy and on the move. But with the epidemic, I have had extended down time which allowed me to build something. Anyway, Nelson asked if he could include the pictures in the next newsletter which I gladly obliged.

The *Gentle Lady* flew real well on its first flight. I used a high start to get it in the air and had a decent flight. This will be a fun plane to fly on my downtime. Photos were taken at the *Sky Soaring Gliderport (55LL)* outside *Chicago* where I belong to that club. Thanks for looking at my airplane.

Also, it is true. Nelson helped kick off my interest in flying with RC airplanes as a young boy at *Bud's Field*. That helped propel me into my eventual career flying for *United*.



*Western R/C
Flyers*

Light Attack IOMAX Archangel



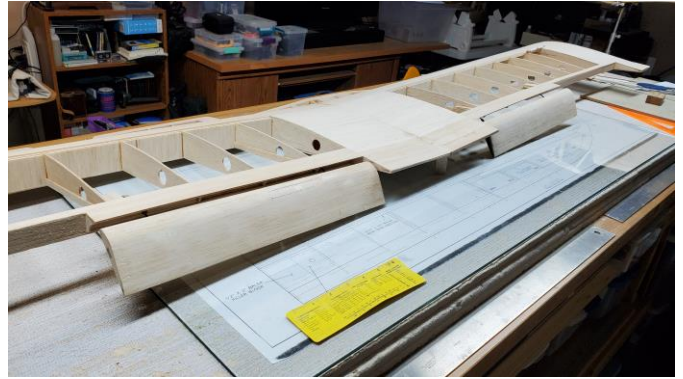
by Nelson Carpenter



The bashing of my *Dynaflite Fly Baby* kit continues with what you see on this page. The past month I built the wing and increased its span to 86 inches. The flaps were a much more involved effort as they are *Fowler* flaps. These flaps extend rearward away from the wing as they roll down into position. Three photos below show retracted and extended flap positions. I will adjust the flap positions, and definitely not use the full flap which would certainly be like an air brake stopping me dead in my flight!

Constructing the ailerons is the next step which will finish the building portion. I will use *SIG Coverall* and *Stix-It* for the covering. I plan to paint it the same as the actual *Archangel* shown above. Also, I will use *Callie Graphics*.

I'm anxious to run the *VVRC* twin 30cc gas engine soon after finishing the *Archangel*. It should haul it around the field easily. The *Dynaflite Fly Baby* called for a 26cc gas engine.



Western R/C
Flyers

Stand Builder Confession

Submitted by Tim Peters



Before I retired, I worked with *Oracle* databases. The databases required computer programs (software) to operate. Occasionally versions of the software were released with critical defects that needed attention. The vendor would provide fixes often called 'patches' or 'service packs'. The service packs (SP) were numbered, (*there were often several patches*), and we came to understand that you never ever want to put out a software release that didn't at least have the first SP installed. You may ask, 'Why Tim, what would this have to do with WRCF?' A good question!

In the previous *Tailspin*, Loren Blinde mentioned that some of the airplane stands were in need of repair or replacement. In a moment of weakness I volunteered to build a couple of these contraptions using the somewhat 'sketchy' plans he provided. Having sawed and fastened and swept a bucket of sawdust, the first of the two stands was completed. Let's call it 'Version 1'. Janet and I went out to Mead and finished assembling the stand. (*By the way, Jack Barry has recently built two very fine stands, his workmanship far exceeds my efforts.*) Shortly after our labor was completed, our friend Mr. Blinde showed up and expressed his admiration for my handiwork. We left the field feeling good about what we had accomplished.

Later that same day I received email from Loren. He started the message with what I thought was a very sincere note of appreciation about the plane stand. Then (*very politely and meekly*) asked, how will the plane stand work for tricycle landing gear aircraft? After all, the vertical restraining posts are located right at the end of the table! I realized the defect that I had introduced into V1. Any trike-gear airplane will have its nose gear dropping off the front of the table.....not good.

Fortunately I had not started construction on the second stand. I incorporated the fix into it, resulting in version V2. We went back the field and deployed the new stand, and applied SP1 to the previous V1. Now it will work successfully with trike airplanes, so it can now be known as V1-SP1.

Please do not locate or otherwise identify any more defects in the plane stands. If you report any more problems to me, it is likely you will hear me say: "Feel free to fix that....." ☺



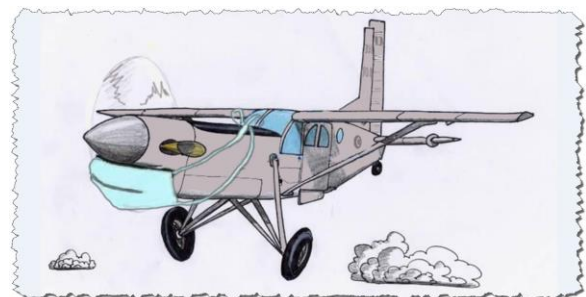
VERSION 1



VERSION 1, SERVICE PACK 1



VERSION 2



2020 CLUB EVENTS

THE SPRING FUN FLY HAS BEEN POSTPONED INDEFINITELY, AND THE BUD HALL IS IN QUESTION. WATCH FOR FUTURE NOTIFICATION BY CLUB.



Western R/C Flyers — **SPRING FUN FLY**
OMAHA, NE - AMA 857
AMA card required to fly

Saturday June 20th
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, Gas/Electric, Gliders, etc.....



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

Mead Field located 3.7 miles south
Town of Mead

POSTPONED

Western R/C Flyers  OMAHA NEBRASKA
AMA 857

~2020 EVENT~

32nd Annual Bud Hall

Large RC Airplane Fun Fly**

- Required Min. 80" Mono - 60" Multi-Wing - or true 1/4 Scale -

Mead Field* **Saturday Aug 22nd**

FLYER FEE \$10
Includes lunch & soda

Non-Flyer Lunch \$5

Rain date 23rd



AMA Required to Fly - Wide Open Space - Large Runway - Easy access Pits

* Located 3.7 miles S. of Mead from Sinclair station on Hwy 92. Watch for signs at field entrance.

**Non-scale airplanes allowed.



~ Western R/C Flyers 2020 Event Schedule ~

Club events posted on **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 Renewal and Application 2020**

Please print clearly!

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

AMA Number: _____ Payment: \$ _____

2020 Dues: \$35 (Renewals must be paid by **April 1**) New ___ Renewal ___ (Check One)

Sign Here: _____ Date _____

Membership application subject to approval. Current AMA membership is required.

Make Checks Payable to: Western R/C Flyers

Complete this form (new applicants only); current members include AMA number with mailing address; send check to WRCF Treasurer:

Dean Copeland 15668 Fountain Hills Dr. Omaha, Nebraska 68118