



OMAHA NEBRASKA
AMA 857

TAILSPIN NEWSLETTER

May 2020

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A Word from the President



I certainly hope all of you and your families are coping well. But by all means do follow the state's guidelines for distancing and limiting group size when at *Mead Field*. This is for your safety and everyone else. Aside from the fact we are on state property and need to follow their guidelines. One of these days this virus epidemic will be behind us and we can get back to normal flying.

Concerning scheduled and sanctioned club events, we had already recognized the need to delay when AMA sent out direction that officially postpones all scheduled through May 31st. We only had one event sanctioned which was the *WWI and Golden Age* fun fly. Disregard the May issue of *Model Aviation* we all recently received in the mail. It shows the *WWI and Golden Age* event as still scheduled. We'll see how this pandemic crisis plays out, and then go from there.

Let's go fly!

~ Rick Miller

Meetings: TBD



Vice-President's Corner



Haven't done much with my airplanes lately. I did build something though. I built two boxes that were supposed to be done 4 years ago. I sent a picture to Nelson, I hope he can add it in this newsletter.



Now I'm going to start getting planes ready. It's starting to be good flying weather so let's all get out and do some flying.

Go out and fly!

~ Rick Haneline

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.



Treasurer's Report



As you are all aware, there is not much going on. However membership renewals are still trickling in and we have 48 paid up members for the 2020 season. Current roster is on page 3. When I say season I am not sure at this time when the season will actually be happening.

I was at the field a week or so ago and found that about 8 or 9 other flyers had also felt that social distancing was possible and enjoyed a great afternoon of flying. The porta potty is now in place provided that people will stop stealing the toilet paper. Also our field insurance has been paid up for 2020. Word has it that the mower has been serviced (thanks to **Mike Lawver**) and from the looks of the field is working great, thanks to **Loren Blinde** and helpers.

One final note, someone gave me cash for dues without giving me there renewal slip at the *Omahawk's* meeting earlier this year, and at this age I have totally forgot who it was, so if your name does not appear in the paid up member list please contact me.

Be safe and stay well.

Your Treasurer ~ Dean Copeland

Things of Possible Interest

by Nelson Carpenter



WWI and GOLDEN AGE FUN FLY - Contrary to the May issue of *Model Aviation* in the "SANCTIONED EVENT CALENDAR", our event is canceled for May 16th. That was the message that came down from AMA several weeks ago concerning sanctioned events in May. We will do a reassessment as to when our event can be rescheduled. The June 20th *Spring Fun Fly* is also in question at this time.

DISTANCING - The few times I've been out to *Mead Field* over the past month, "*social distancing*" was being practiced and number of persons at the field kept to 10 or less. Good work. But don't let your guard down.

GALEN LILLETHORUP - I'm sad to report that Galen passed away on April 16th. He was a well-known modeler, friend to many, and *Western RC Flyers* member. Galen will be missed.

HITCH HIKERS AND STOWAWAYS - You would never expect to find them at *Mead Field*, but trust me - they are there. When you are not looking, they will jump on you and your airplanes. Even get in your tool boxes where they hide away while waiting to be taken home - your home. I'm talking about spiders. Their preferred habitat is on and around our benches, tables, and starting stands. Insects are good for the planet, so just be alert and brush them off.

FIELD ACCESS - Please remember to use the designated roads to get from the highway to the field. There is a map elsewhere in this newsletter. The ARDC personnel are at work and we want to always give them the space they need.

KIT BASHING - This month I have added my build article. I have taken a *Dynaflite Fly Baby* kit and turned it into something entirely different as you will see. I'm building an *IOMAX Archangel* (*never heard of it, right?*) which is a present day light attack fighter. This aircraft uses the frame of an *Ayres Thrush* cropduster modified to serve as a fighter.

USING MEAD FIELD DURING THE EPIDEMIC - In simple words, it is not going to be easy. Importantly we have to watch out for each other's health at the flying field. As long as the medical experts and the state requires, we must maintain our distance from each other. Also limit crowd size to ten individuals. Everyone needs to continue cooperating and be in compliance until given the all clear.

BARNEY AND BONNIE ARE BACK - Our *Mead Field* residents have returned from their winter stay in Texas. Fortunately they relocated their Badger hole to the east-southeast of the runway. You'll see their mound of dirt and the large diameter hole alongside the short road at the south end of our runway. Please don't harm them. We are on state property and they are essentially protected.



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>



WESTERN RC FLYERS ROSTER 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 April</u>		<u>AMA</u>
29	Richard	Jonas	997091
30	Rene	Mayo	1038588
31	Dennis	Bender	916241
32	Rick	Hainline	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	Kuhm	509990
48	Jeff	Jacobs	422320

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.



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



Seen at the Field

Submitted by Loren Blinde



Jack Berry and I were mowing the field on April 21 and I was struck by this image. Either someone needed two stands to assemble a plane, or there are two guys who might consider getting a room ☺ Seriously though, that reminds me of a couple points.

First of all, most of our starting stands are crap. Note the missing arms on both in the picture. If an urge to volunteer and build one strikes, I can get you the plans.

More importantly, those stands are also a way to encourage physical distancing from our fellow fliers. If you see stands, benches and tables all in a nicely spaced row, it's either because the mowing crew put them there or some considerate flier had the common courtesy to leave them in place. You might consider doing the same?

Loren



Worth Viewing

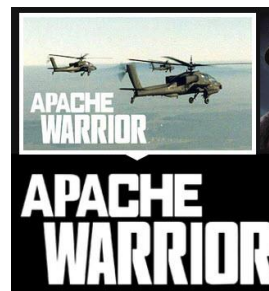
Submitted by Nelson Carpenter

Are you running out of movies and videos to watch while on lockdown? Then check out the documentaries below.



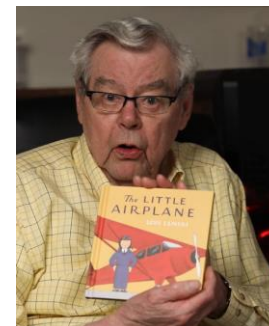
A *YouTube* documentary of the NYC flyover jointly by the *Thunderbirds* and *Blue Angels* on April 28th to commemorate the dedicated health workers.

<https://www.youtube.com/watch?v=mQPYuXpnE8Q&feature=em-uploademail>



"Apache Warrior" is an action packed documentary that puts you in the cockpit of the Army's Apache attack helicopter. Much of the actual footage is shown with audio. It was taken by an elite *Army Aviation Helicopter Squadron* as they participate in a deep attack during the initial invasion of Iraq in March 2003.

Run time 1 hr 28 min. Find it on *Netflix* or rent it on *Amazon Prime*.



"Thirty Antique Airplanes" produced by *Lillithorup Production* and narrated by club member Galen Lillithorup. In this video documentary, Galen talks about the 30 scale model airplanes he had built and flown over the years. This is a must see for all of us modelers. Especially those who knew Galen. Run time 18 minutes:

<https://vimeo.com/252080980>



A prolific builder empties his garage of all his gliders and displays them in the yard. Fifty gliders that he built from kits and some his own designs. He still has them all.

<https://www.youtube.com/watch?v=KNHLJVRzJKY>

TAILSPIN APRIL 2018

Galen Lillethorup - Scale Model Aircraft Builder

By Nelson Carpenter

A short while ago I received an e-mail from a fellow modeling friend and member of the *Western RC Flyers* - Galen Lillethorup. The e-mail asked me to review a video that he and his son had created. In one word - outstanding!

What they had created was a documentary of Galen's flying background which also presented thirty of his model airplanes he has built over the years. Galen still has all of these airplanes, and they are displayed hanging from the ceiling of a room in his home. These models are all unique because they are scale of vintage aircraft from the very early days of aviation. Galen built and flew all of them as indoor electric.



The video, which Galen gave me permission to distribute, runs for 18 minutes. Given Galen's background in advertisement, I was not surprised that the video was so professionally done. I asked Galen if he had a bio as I also wanted to illustrate his professional working career with this article. I am certain you all will find the video and bio (*column on right*) as interesting as I did.

Thank you Galen for allowing me to put this out there for others. The video: <https://vimeo.com/252080980>



Galen Lillethorup

Galen began work as a reporter-photographer for a television station while still in school. After earning a degree with distinction in journalism from the University of Nebraska at Omaha, he moved to the management side of television. He was director of promotions and advertising for an Omaha station when recruited by Bozell and Jacobs, a large international advertising agency, to be in charge of commercial writing and production for *Mutual of Omaha's Wild Kingdom*.

After several years working with Marlin Perkins, Jim Fowler and the *Wild Kingdom* crew, Galen became a creative group supervisor for Bozell. In addition to continuing some project work for Mutual of Omaha, he was responsible for writing and creative direction on several other agency accounts, including Union Pacific Railroad, Winnebago Motor Homes, Dorsey Laboratories (Sandoz), Conagra and Norden Laboratories.

When Bozell opened a new office in California, Galen moved to Los Angeles temporarily to help set up the operation and to service West Coast accounts as a combination creative director and account supervisor. When he returned to Omaha, he became vice president, account supervisor, and director of Bozell's radio and television commercial production departments.

In 1980, Galen resigned to become president of Galen & Nellie, Inc. An Omaha advertising and marketing consulting firm. The agency's account list included Northwestern Bell Telephone, American Tool (VISE-GRIP® Locking Tools), Union Pacific, Terra International, Diamond Scientific and Haver (Bayer) Animal Health.



It's Bigger than a Breadbox.....



.....but smaller than a *Volkswagen*. Your clue is that it was featured in one of my favorite TV series in the mid '50s. It may be appearing in an upcoming *Tailspin*.....

Tim Peters

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*

MEAD ACCESS

Club Members,

- This message serves as a reminder of which roads we should be using to access our field. More importantly, do not take the main drive that passes through the *ARDC* operations office and other buildings. The less we are disruptive to their activities, all the better. See attachment for those roads to use when coming off the north-south highway.

- Also, with our flying field being on state property, we must follow the guidelines for "*social distancing*" and gathering in a group of 10 or fewer. Last thing we want to do is jeopardize our use of *Mead Field* by not abiding.

- With other club fields restricted during this crisis, we may see those members at Mead. Remember that they are welcome as a short-term "*accompanied guest*" but must be with one of our club members. Also follow the state guidelines for the epidemic.

Hope you all take this message in good spirit. Be safe, be active.



Scratch Built Telemaster

Submitted by Loren Blinde



My *DeLorean* must be stuck in the late 1970's as I seem to keep building planes from RCM, circa 1975-80. The latest is a *Bridi UFO* from the September 1977 issue; I still have the magazine. The UFO followed the *Dirty Birdy* in the Joe Bridi pattern design line of succession.

A kit from *Bluejay Aircraft* (a Nebraska company who bought the *Bridi* line) popped up online, so this is yet one more testimonial to the benefits of late night beer drinking while on *eBay*. The quality of the *Bluejay* kit was flawless; superb wood and perfectly cut. So naturally I ditched half of it in favor of foam wing and stab cores from *Eureka Aircraft*, also perfect. So with this much quality at hand, there was enormous potential to make a mess of it all.

First (re)design consideration was making it electric powered. I was amazed last summer at the *Omahawks* pattern contest, not having seen the event for 20 some years, that all of the planes were electric. I pulled into the parking lot expecting to hear screaming *Rossi* engines on tuned pipes, only to figure they must have cancelled the event since it was eerily quiet.

A bit of research revealed that most of these modern pattern planes have conventional gear, I'm guessing to provide ground clearance for those enormous props on remarkably low KV electric motors. That's where I drew the line on realism; I was going to have tricycle gear and retracts, dang it, Joe would have wanted it that way!

That turned into a real head-scratcher though on the front end of the plane. The length of the nose dictated the nose gear length that could retract and also the location of a horizontal former to mount the gear on the bottom and provide a floor for a battery compartment on top. That gear length meant no prop longer than 12". Plus a battery hatch while preserving the trademark canopy was fun as well.

So a lot of motor research and simulation on *eCalc* led me to a *Cobra 4120/14/710 KV* with a 12x8 prop and 90 amp ESC. *eCalc* says it's drawing 75 amps and providing 1450 watts of power with a 6S battery. I've had good luck with *Cobra* motors, and they are cheap!

The wings were sheeted with 1/16" balsa vs. the 3/32" suggested, and vacuum-bagged with a very thin layer of epoxy, the strongest and lightest wing sheeting I've ever found. A remarkable amount of time was devoted to installing *Robart* mechanical retracts, they seem to work. Covering is all *Ultracote* and the design honors the Newcastle United football team.

The final moment of suspense in the build stage was CG balancing. Hard to believe, but I had to slide the battery back and embedded 4 oz. of lead in the tail! The whole plane weighs 8 pounds, vs. the originally published 8 1/2.

First flight was earlier today (April 27th) and it went well. The 12" prop neatly trimmed any dandelions in the way. Concerns about having enough power were put to rest by the pure speed of this thing. *eCalc* predicted 88mph and I wouldn't argue that point. Yet it still managed a solid 6 minutes from a 3300 mah battery. So now I shall hitch up the *Calvin Klein* undies and move on to the next relic. ☺



Western R/C
Flyers

Vintage P-40 Warhawk

“Just for the Fun of It”

Submitted by Dave Kelly



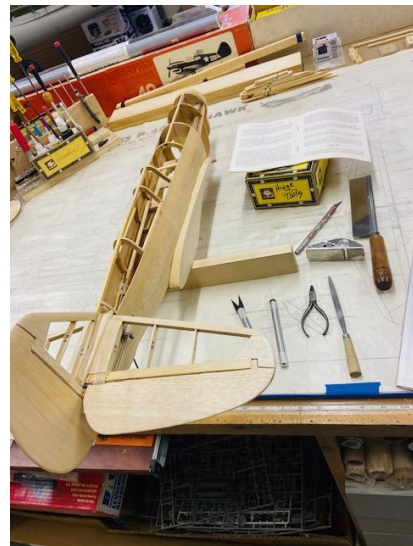
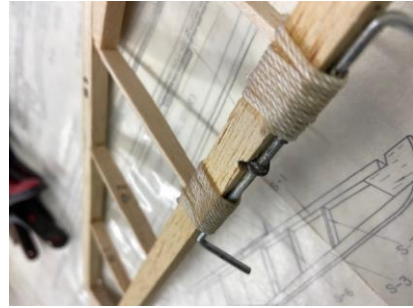
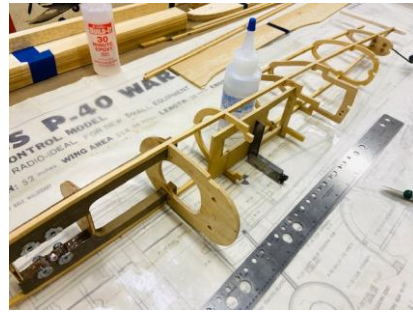
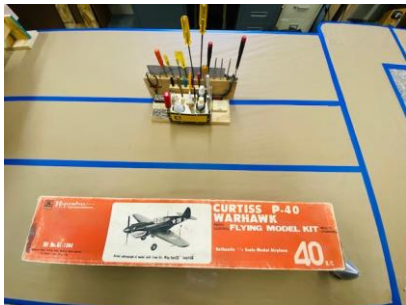
Like the title says. "FOR FUN". It's ALL fun I know but after all the big stuff, I needed a break. So I went to the cupboard and found an old *Kyosho* Kit. Circa 1975 or so. Designer was *M Kato*. He was involved with *Royal* kits, *Circus Circus* kits, and in the like of his own name, initials anyway, the *MK* kit line.

This particular kit is one, in a line set of four. All 1/9 scale outline. All .40 size RC airplanes. I have two of the four. The *P-40 Warhawk* and the *F-51 Mustang*. Yes, "F" model. The kits were all designed with fixed gear and no flaps.



They are not kits for the beginner. Limited building instructions, but fantastic plans, incorporating assembly drawings to compliment the build manual. It's fun to hold the whole fuselage "in one hand"

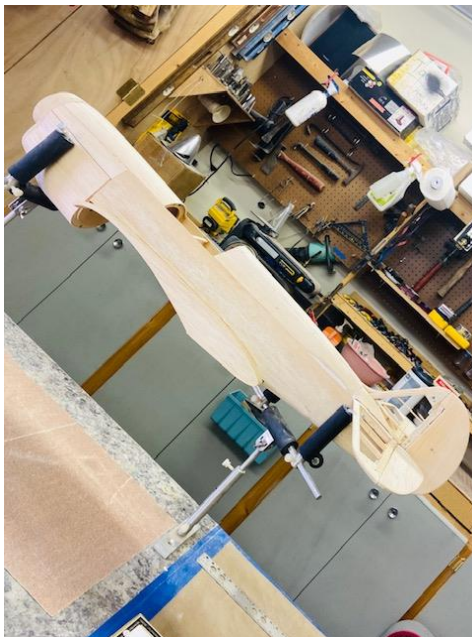
while working on it. I'm now working on engine and tank install. Probably the biggest project of all. A lot of carving out and trial fitting. The fuse is very strong so I'm not breaking too much - hehehe - with my big ole hands while making the mods.



Western R/C
Flyers

Cont. Page 7

Fun of It Cont.



*Western R/C
Flyers*

IOMAX Archangel (Arch-angel)



by Nelson Carpenter



One of several kits I had been sitting on for a future building project is the *Dynaflite Fly Baby*. Last year I had built a *Dynaflite PT-19* and I liked the way it went together. Only I didn't think the club needed another *PT-19* at the field, so I turned it into a *PT-26*.

Well that's what I have now done with the *Fly Baby*. It has been "bashed" into something entirely different than the open cockpit general aviation aircraft. The *Fly Baby* has become a light attack fighter called an *IOMAX Archangel*. The *Archangel* uses the airframe of an *Ayres Thrush* cropduster. It has been in production since 2006 and primarily sold to third world countries as an inexpensive light attack fighter.

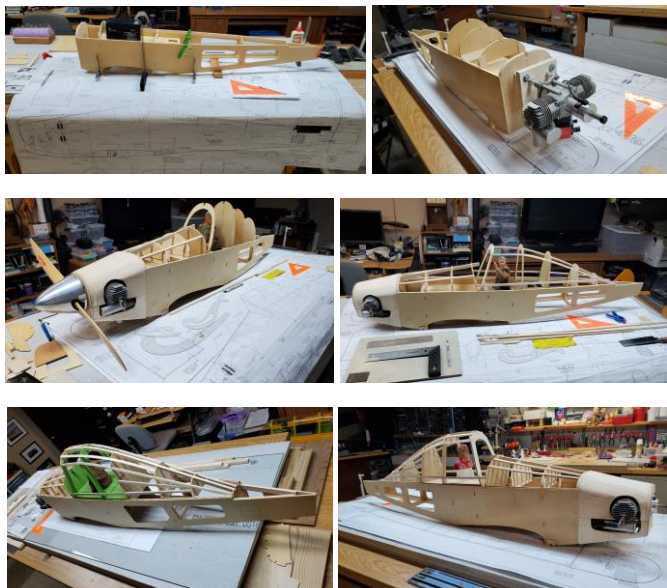


My first step was to take the *Fly Baby* plans and mock-up the *Archangel* by scaling off photos



and three-view drawings. With the measurements, I used straight edges and French curves to come up with what I believe is a good resemblance.

The fuse length is approximately 60 inches and wingspan will be 86 inches with *Fowler* flaps. Two-piece balsa cowl; sheeted fuse. Also, I've installed a *VVRC 30cc* twin cylinder gas engine.



Western R/C
Flyers

Vailly Sea Fury - Part IV

Submitted by Larry Inness



Here's the latest with my winter project. The Vailly designed Sea Fury was kitted by Precision Cut and it has a 90" wingspan. It has a twin 70cc gas engine pulling it around. Also an auto start for the engine. I built this from a short-kit and plans. The Sea Fury was definitely a fun build.

I finished the build at the beginning of April. I had started building early December and enjoyed every aspect of it.

I decided on this color scheme after being in Texas this winter. The full size "Spirit of Texas" is still flying in airshows. It is ready to maiden which I will do after I get my thumbs loosened up with spring flying. Hope to see you at the field.

Larry



Wahoo Municipal Airport, Nebraska Aviation
Weather Report and Forecast

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

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

Box O Floats + Kadet

Submitted by Tim Peters



Here are some pictures of an early-spring project. At the most recent *Omahawks* R/C auction I purchased a "Box O Floats" with the idea of doing some R/C flying off water. After extracting what I thought were the 'best' of the box content, I dusted off an old *Sig Kadet* and attached a pair of ready-made floats. I followed the directions from a couple of articles on float placement and the plane is water-ready.



Power for the *Kadet* is from an *OS 40 LA* (another auction purchase). I checked the motor out by running in my driveway and am optimistic that it has enough power to fly the plane. You may find the steerable 'water-rudder' interesting. The water-rudder control shaft screws into a piece of golden-rod pushrod material that is fastened to the air rudder. So when the air rudder moves, the same movement travels down the pushrod to the water-rudder. It probably isn't the best solution, but I will wait to see how the plane flies before coming up with something more permanent.



THREE YEARS AGO.....



CAPTURED: **Barney Badger** (on right) was apprehended at Mead Field on 25 May, while **Bonnie Badger** remains in hiding at time of press. A live trap was placed by the university alongside the frequency board at the field. Eventually the couple will be relocated to friendlier grounds free of airplanes.

Western R/C
Flyers

2020 CLUB EVENTS

THE MAY 16TH FUN FLY HAS BEEN POSTPONED INDEFINITELY, AND THE OTHER TWO MIGHT FOLLOW. WATCH FOR FUTURE NOTIFICATION BY CLUB.



OMAHA, NE - AMA 857
AMA card required to fly

OMAHA NEBRASKA
AMA 857

WWI and Golden Age Fun Fly

Saturday May 16th 2020*

Mead Field
Landing Fee \$10
(includes lunch)

All Models this Era*
Welcomed!

POSTPONED

Lunch + \$5
Visitors/Guests \$5 for lunch.

*Inclusive WWI acft thru 1939
Civilian or Military

Contact: Nelson Carpenter J3flyah@gmail.com
AMA Required to Fly - Wide Open Space - Large Runway - Easy access Pits
*Rain Date: Sunday May 17th

OMAHA, NE - AMA 857
AMA card required to fly

OMAHA NEBRASKA
AMA 857

SPRING FUN 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

OMAHA, NE - AMA 857
AMA card required to fly

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 ~

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 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