



OMAHA NEBRASKA
AMA 857

TAILSPIN NEWSLETTER

May 2019

President: Rick Miller

Phone: 402-624-2530 email: millerick7@gmail.com

Vice President: Rick Haneline

Phone: 402-321-7577 email: richh55@msn.com

Field Maintenance: Loren Blinde

Phone: 402-416-0855 email: lblinde@neb.rr.com

Treasurer: Dean Copeland email: dcopeland937@centurylink.net

Address: 15668 Fountain Drive, Omaha 68118 Phone: 402-334-2787

Secretary: Tim Ryan

Phone: 402-943-6731 email: old43school@outlook.com

Tailspin Editor: Nelson Carpenter

Phone: 402-709-3651 email: J3flyah@gmail.com

A Word from the President



How about this weather that we've been getting lately? If you are like me, you're getting the itch to be out at the field flying. Are your building projects done?

Your club dues can be sent in anytime now. Please send them into **Dean Copeland**, address at bottom of newsletter. Include your return postal address, your AMA number, good phone number, and a current e-mail address. Dean will send you the 2019 club membership card by postal mail.

Let's go fly!

- Rick Miller

Meetings: TBD



Vice-President's Corner



Been kind of busy these last two weeks. Had three meetings and five appointments at the VA. Haven't got much done. So this will be short. Get your planes ready to go because warm weather is almost here. That's all for me right now, see you at the field.

Go out and Fly!

- Rick Haneline



Treasurer's Report



As of April 1st we had 45 paid up members for the 2019 season. With this number of paid up members, we are able to cover normal annual costs. Our coffer is sitting healthy, and there for those times we need to make major repairs or replace mowers. That being a rare occurrence. Further, the "fee" we charge at our fun flies cover those costs of putting them on. Not having to use the other funds mentioned.

Also want to note that we do not pay any rent for the use of the flying site that we are enjoying from year to year. Let's all get our renewals in for the 2019 season, it is the cheapest club that you can belong to in the area.

Your Treasurer

~ Dean Copeland

Mead Field Weather Station



Bet you didn't know that almost instant reporting of weather conditions at our field can be viewed from wherever you are on your computer or phone. It is available through *Weather Underground* from a weather station that the university's ARDC Farm/Facility Shop has installed.

The URL address is:

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

911

~ *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.



Be calm & composed
Assess the situation

EMERGENCY
PROCEDURES

Non-Critical

Critical Or
Don't know

Call 911
Use Cellphone

Coleman Physicians Clinic
402-443-3434

Describe Location: Turn East after 3.7 miles south of Highway 92 on 78F. Follow road, turn south at tank, field is east of the building.

Describe Emergency:
As succinct as possible but don't leave out important details. Answer all questions asked.

SWARM OVER MEAD FIELD



On May 18th you can expect to see several 1/4 scale World War I aircraft at Mead Field in the air all at once. It will become a question of who will survive the air battles.

BACK ISSUES TAILSPIN:

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

Larry Inness' Hostetler Cessna 182

<https://www.youtube.com/watch?v=7Sq9t0czkdE>



- Goes a Long Ways -

by Nelson Carpenter



Extending courtesy and being respectful of Nebraska Agricultural Research and Development Center (ARDC) staff at Mead Field goes a long ways. Not that there is a problem, just want to call out the fact that we are their "guests" and privileged to have the flying field for our use. If ever one of the

university workers pulls up in their truck and asks you to leave because of spraying of adjacent fields, do so without haste. They have the say and are looking out for your safety and everyone else.



Speaking of the field; everyone is doing a great job keeping it clean and free of trash. A reminder, be sure to pick up all your crash debris (*large or small.*) Again, this goes a long ways with presenting our club as good tenants.



Ever use a paint brush? Sure you have. Rick Haneline has been delegated to put together a "paint crew" for our storage building. He will be recruiting for that work to be done on the outside of the building sometime in the next few months. It badly needs it, and the ARDC folks have asked that we get it done. It was in August 2009 that we last painted it. This also goes a long ways as good tenants.



Several fun flys are happening at our field this summer. Beginning with the "WWI & Golden Age" fun fly in a few weeks. All size aircraft fitting this era are welcome. We expect a good turnout, with invites having gone out to area flyers. Join us. If not to fly, then socialize with the club and others.



Western R/C
Flyers



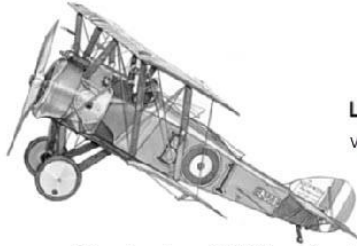
WWI and Golden Age Fun Fly

Saturday **May 18th**

Mead Field

Landing Fee \$10
(includes lunch)

All Models this Era*
Welcomed!



Lunch + 
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

"GOLDEN AGE" DEFINED: The period in the history of aviation between the end of World War I (1918) and the beginning of World War II (1939). It was characterized by a progressive change from the slow wood-and-fabric biplanes of World War I to fast, streamlined metal monoplanes, creating a revolution in both commercial and military aviation.

Source: Wikipedia.



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)

Mead Field located 3.7 miles south
Town of Mead



Float Fly at the Zoo

Submitted by Tim Peters



A recent trip to the *Henry Doorley Zoo*, Tim was puzzled that he couldn't find anyone with a transmitter when coming upon this float plane sitting in a pond. It was a full scale model Cessna 172 of late 1950s vintage. Straight vertical stab gives it away.



Trip 14 to Top Gun



Club member **Dean Copeland** has made his 14th annual trip to *Top Gun 2019* located in Lakeland, Florida. This is a prestigious event with participation by invitation only. Dean took his *L-39 Albatross* which is identical to his practice model. It has a 75" wingspan, 94" in length, with a weight of 35 lbs. empty. The takeoff weight is 47 lbs. It has flaps, retracts with gear doors, speed brakes, wheel brakes, nav lights and landing lights. The turbine has 32 lbs. of thrust and a VNE of 170 mph.



Dean left Friday April 26th, competition is May 1st thru May 5th. He planned to get some practice in soon after getting down there. We'll all be anxious to hear the results.

Club member **Jack Wilhelmi** and his *Red Lion* crew were invited to *Top Gun* this year. But Jack says they didn't have enough time to get practice flights in, so had to withdraw. Maybe next year.

Mead Field Weather Station

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

*Western R/C
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The Red Lion

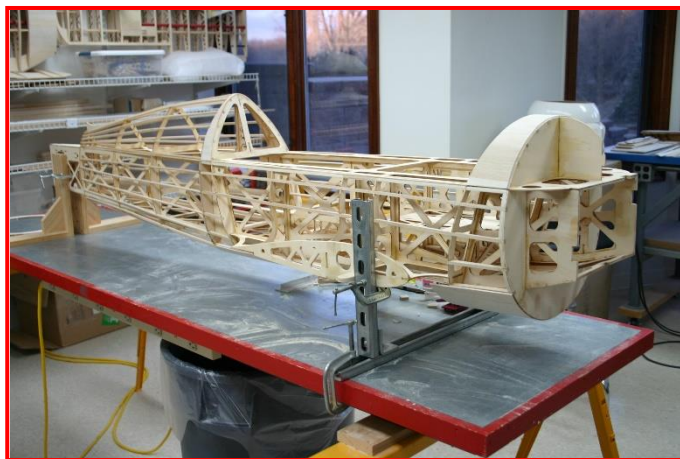
by Jack Wilhelmi



Jack Wilhelmi spent two years building the 38% scale *Gilmore Red Lion*. A beauty! Specs are 120" Wingspan, 102" Fuselage, 65 Pounds, *Moki* 250, *Stitz* covering. *Aircraft Modelers Research* in Quebec, Canada produced the kit. Guidance by *Jeti* Radio Equipment and *Futaba* servos.



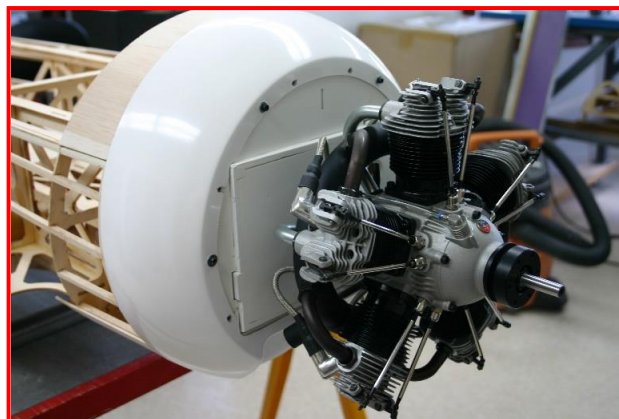
Full Size Wedell Williams Red Lion at the *Wedell Williams Museum* in Patterson Louisiana. Great museum and very helpful. Spent most of a day there taking photographs and measurements.



Framed fuselage. Kit from *Aircraft Modelers Research* in Canada. High quality, excellent fit and a great assembly manual. Quarter inch diameter hardwood dowels were used for the stringers on back half of fuselage.



Moki 250 radial engine. Note special jig to support the engine, mandatory if installing by yourself.



Cont. on Page 7



Covered with *Stitz* fabric, rib stitching and pinking tapes applied. Used *Stitz* products for the entire painting process, adhesive, filler, primer, paint and clear coat. *Stitz* will attack some graphics so test first. We were able to spray clear coat on graphics, but gently so they would not run.

Off to the paint shop. Breaks down into 20 separate pieces for painting. Take note of the different methods of supporting the parts in the paint booth.

Top picture, right hand column, with different primers based upon desired finish. Silver for the fabric and white for the metal surfaces.

We learned a valuable lesson with the pinking tapes, make sure all of the points are firmly attached to the fabric, the air pressure from the gun will lift any points not firmly secured.

Painting accomplished by *Cars R Us* in Omaha. Chris was great to work with and his workmanship was excellent.



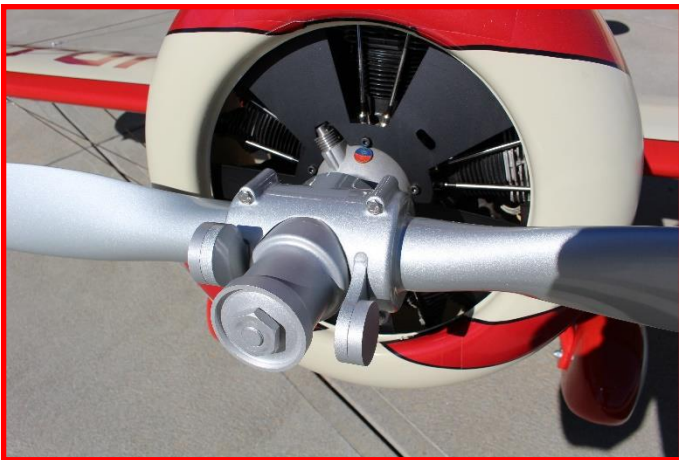
Wedell Williams Red Lion 38% Scale Racer



Back from the Painter.



We created 3d drawings of the actual lights used on the full size airplane from the manufacturer's drawings. *Details 4 Scale* then created the light fixtures, LED's and wiring harness and controller. Great system.



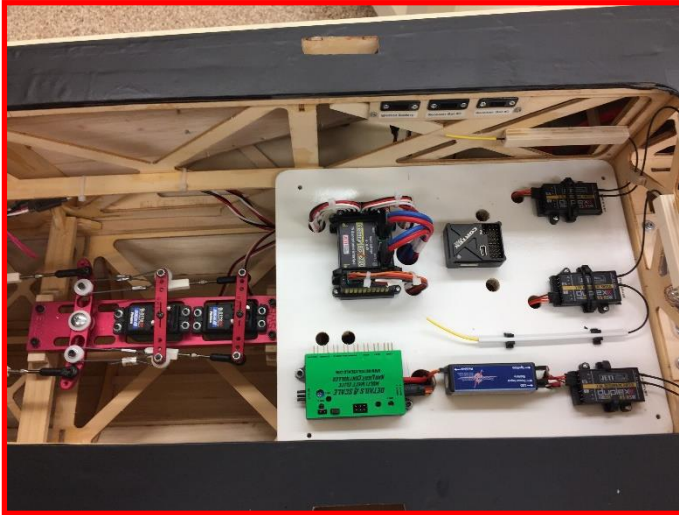
Scale propeller manufactured by Falcon.



Graphics created by "Callie". She is great to work with and the quality of her work was absolute perfection. The red matched our paint perfectly. The cowl and side stripe was also created by *Callie*.

Wedell Williams Red Lion 38% Scale Racer

Weighs 65 pounds. 120" wingspan. Balanced without dead weight, moved batteries. Balanced by suspending from a unistrut frame.



Jeti Receivers and Power Box, Demon Cortex Gyro, Powerbox Ignition Control and Scale 4 Detail lighting controller. Futaba servos. Third receiver controls airborne power from the transmitter.



Twenty-three airfoiled flying wires. Procured from *Aeroplane Works* in Switzerland. Right hand thread on one end and left hand on the other, very easy to adjust.



Ready to travel. Transporter is on casters and bolts to unistrut rails on the floor of the trailer. Can be loaded by a single person.



Ready for flight. Four flights to date.

*Western R/C
Flyers*

A bit of History

By Loren Blinde



Some of us seasoned citizens may already know this, but were you aware that there was once a full size airstrip just east of our field? A *Nebraska Airport Directory* from the mid 1980's shows an aerial view. You can see just a bit of our field in the lower left corner. Back in that era, private piloting was in vogue with a fair number of Agriculture faculty at the University.

There is a personal side of this for me. My very first RC flight happened on that strip in October 1976. I lived just down the road in *Ceresco* and scratch built my first plane, a 3-meter *Paragon* glider, from plans in the January 1976 issue of RCM. I had never seen a glider fly before; everything I knew about it came from reading... you know, books and stuff, for the non-seasoned crowd. To make matters more interesting, I did the first flight alone. Exactly what we tell new fliers not to do. A bit of a breezy day as well. It was quite a nice launch on the homemade hi-start. Already pushing the 400 foot boundary of the known atmosphere! I could do everything except keep the plane pointed upwind and recover from stalls. The flight landed about a quarter mile downwind, no damage, and the rest is history. I still have (*some o*) that plane.

After meeting some new friends with this mutual interest, we had quite a thriving local glider community in the late '70's and early 80's, whether on *University* or *National Guard* land. Back then, the *National Guard* security presence consisted of an old guy who liked to nap in his pickup. How times change!

APT. MANAGER: Warren Sals, Tele: 402-624-2275
FBO: NONE
WEATHER SERV.: OMA FSS 800-642-9400
UNICOM: NONE
FUEL: NONE
HOURS ATTENDED: NONE
TRAFFIC PATTERN ALT:

ELEVATION 1180'



Revised Feb. 1, 1985

UNIVERSITY OF NEBRASKA FIELD
LABORATORY AIRSTRIP
41°10'45"N 96°27'40"W

MEAD



Alternate Routes to Mead

By Nelson Carpenter



There are two routes that some of us have been using to get from Omaha to Mead Field. Those of us who have used these routes, can easily say that they work and don't add much time or distance to our normal travel.

The first route (*map 1*) takes you down West Maple Road from Elkhorn. Upon reaching Waterloo, stay left onto Old West Maple Road (*map 3*) and under Hwy 275 while continuing west for approximately 2 miles. At that point, turn south on 264th Street for 4 miles to the Hwy 92 intersection where you turn west to Mead. This intersection is the location of the large camping trailer storage, and a convenience store. Turn west here, and you are on the usual road to Mead.

The south route (*map 2*) takes you down 204th Street through Gretna to Hwy 6. Turn south here towards Ashland. Immediately after crossing the Platte River on Hwy 6, turn right. This road "zigs and zags" northwest to Mead Field. Look for county road 78 that will go north to Mead. Approximately 2 miles on this road you will find the entrance into the field.

1. West Maple Rd via Waterloo to Mead.



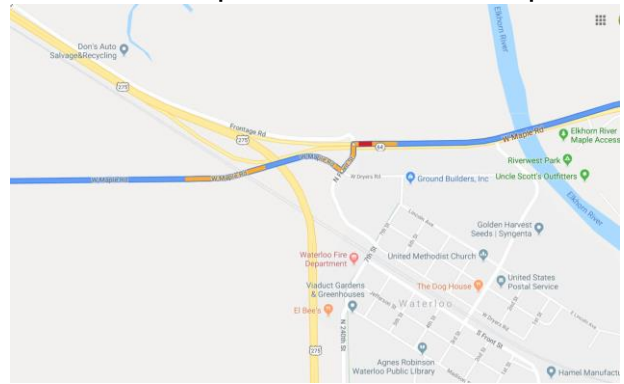
Microsoft Streets & Trips

2. Hwy 6 via Camp Ashland to Mead.



Microsoft Streets & Trips

3. Detail West Maple Rd. turn to Old West Maple Rd.



Microsoft Streets & Trips

My experience using the Camp Ashland detour route is that it **only adds 6 miles and 10 min.** (29 mi. and 35 min. total) to my normal drive straight out West Center Road from 168th and Harrison St. Traffic is not heavy and has not been slow.

See you at the field, especially on the 18th!



PROTECT YOURSELVES THIS YEAR!

*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