



OMAHA, NEBRASKA
AMA 857

TALESPIN NEWSLETTER FEBRUARY 2022

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A Word from the President



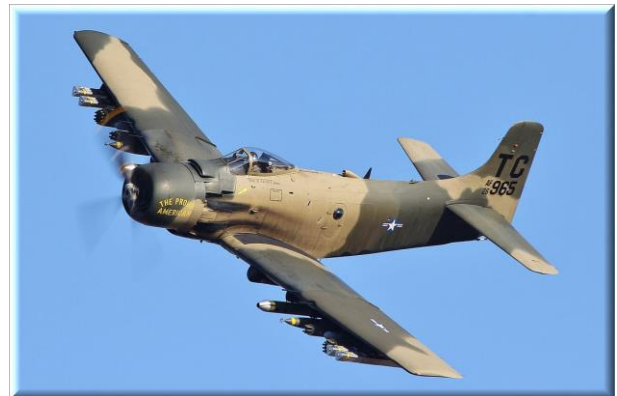
It's mid-January, it's cold, and it's the Midwest—what are you gonna do? It's just the way it is.

About the damage to the WRCF Mead flying site. It would have been easy for everybody to wring their hands and say (try to imagine about 55 guys (+Renee) in high-pitched voices) "Oh No! What will we do now?"

It's more like 'Meh, we got this covered.' We got members stepping up to do the work to get things back to normal. We got plans for getting the safety fence rebuilt. We got folks building brand-spanking-new airplane stands (including some that are 'Plus Size') and other repairs. We got generous donors who are helping to subsidize the effort. We got our buddies with the Fremont Frontier Flyers who have our backs. We got plans for a celebration fun-fly in April. Yeah, we got this covered.

Check out **Tim Ryan's** coverage of the recent officer meeting for more details. Don't be bashful if you want to be part of the effort. We'll need some help with the fence repair. I hope that will take place sometime in March, it depends on the weather. One thing we didn't discuss during the officer meeting is some divot damage to the runway. If you have ideas, let one of the officers know.

Loren Blinde is stepping down as field manager. I want to publicly thank Loren for all the service he has provided to the club.



The web site is phenomenal. I am appointing **Dan Fitzgerald** as the website director along with **Brian Peterson**. These two gentlemen have done a remarkable job. Try the link you'll find it somewhere in the newsletter. You can register as a member, but you don't have to register to enjoy the content. This is a tremendous asset to the club as it gives us a world-wide presence. You might even say that 'it makes us legitimate'. Not that we were ever 'illegitimate'. 😊

What has (3) motors and (5) servos, a 4-in-1 speed controller, some weird electronics called a 'teensy' and 'IMU'? It's my latest crazy-a\$\$ airplane project. More will be revealed.

Something I saw and enjoyed. How's this for a 'politically correct' description of your most recent crash: 'Rapid unscheduled disassembly'. As my teachers used to tell me, 'See if you can use it in a sentence'.

Come out and fly!

~ Tim Peters

From the V.P.



One of my earliest childhood memories was getting my first ride in an airplane (*Super Cub*), piloted by my Dad. I was seated on my mother's lap as she held on to me during the flight. (*my how the F.A.A. would go completely berserk over that now*) That experience gave me an instant love of flying and of aviation in general, shaping my life in ways I never imagined. Since taking flying lessons at the age of 4 was frowned upon, (*I think the FAA had some obscure rules about being able to see over the dashboard and having legs long enough to reach the rudder pedals*) the only other option for involvement would be model airplanes. I think we all remember our first model airplane flight and recall the help that was given to us by the instructors who volunteered their time. We should also be willing to provide a helping hand so others can experience that joy and in turn, promote the sport as well.

That said, I've got a couple of old trainers laying around that I'm going to convert to electric and bring to the field with me when I go flying this summer. If we have an interested student, then they can try flying without spending a bunch of money on gear. This opportunity might be used at one of our fun fly events this year as well. Of course, safety will be paramount and the right time for the flight will have to be established, but it would be a great chance for us to promote our hobby, build positive relationships in our communities and bring in a new member or two. Let me know what you think of the idea. If the club has no objections, we can figure out the details later. Modelers are a special group of people that like to share their experiences and help others learn about this hobby. That's one of the main reasons I stay involved with model airplanes. It's not just about the airplanes, it's about the people too. Have a great month.

See you at the Field! ~ Brian Peterson

**GRAND
OPENING**

WESTERN RC FLYERS WEBSITE

<https://westernrcflyers.org>

Treasurer's Report



I am repairing, building new and getting ready for the 2022 season as I assume several of you are as well. As of 1/20/22 we have 21 members that have renewed or joined the club for the 2022 season.

Want to thank those that have volunteered to help rebuild the damaged field stands, benches and tables that were damaged by the tornado. Donations for the damage is \$2,135.00 which will cover a fair amount of the costs. Many thanks to AMA and those that that donated. Wishing you all a very HAPPY NEW YEAR and looking forward to seeing you in the Spring.

Happy Landings ~ Dean Copeland

2022 Membership thru Jan 31st

	<u>2022 Members</u>		<u>AMA</u>
1	Doug	Lichti	239294
2	Luke	Hughes	1137442
3	Rick	Sessions	105968
4	Dean	Copeland	700148
5	Bud	Kilnoski	7572
6	Jim	Hoff Jr.	858014
7	Tim	Peters	41409
8	Loren	Blinde	91210
9	Tim	Ryan	1151475
10	Tom	Floyd	130852
11	David	Reiber	281
12	Brian	Peterson	112922
13	Tom	Wild	129512
14	Dan	Fitzgerald	1189735
15	David	Wirka	626413
16	Robert	Boumstein	N/A
17	Doug	Clemetson	1079758
18	Jack	Barry	741022
19	Nelson	Carpenter	5730
20	Barry	Rubin	525069
21	Rich	Jonas	997091
22			
23			
24			
25			
26			
27			
28			
29			

Source: Dean Copeland, Treasurer



JANUARY MEETING MINUTES – OFFICERS

Submitted by Tim Ryan, Secretary



A WRCF officers meeting was held on Tuesday, January 11th, at 7pm via Zoom. There were 5 club officers in attendance: **Tim Peters, Brian Peterson, Mike Lawver, Nelson Carpenter,** and **Tim Ryan.**

AGENDA

1. Indoor Air show at Ashland, Saturday 10-2
 - A. **Weather permitting, Tim Peters will attend and display our new club banner. Tim also shared that he had purchased a Zoom membership so meetings would not be limited to 4 minutes.**
2. Club web site.
 - A. Check it out: <https://westernrcflyers.org/>
Tim P - It looks professional. Tim R. shared that he was able to access various pages on the website, but was unable to successfully set up a login account. Brian will look into it. Brian P. wanted to know if he should populate the members section, and what member data it should include. Also, the question of when to roll it out to the club membership was asked, and Tim P. said this would be discussed in our February club meeting.
 - B. 'Cloud' Storage for club content (documents, photos, pdfs)
It was determined that the website allows for some limited storage of club documents, but Tip P. suggests we buy additional "cloud" storage to save photos & videos related to the club, and all agreed.
3. Field Manager

Tim P. shared with us that Loren Blinde was stepping down as field manager for personal reasons, and that we needed a new manager. Mike L. said he wouldn't mind being responsible for fuel supply and mower maintenance, but he didn't want to be in charge of field maintenance personnel. Tim P. said that would be OK, and thanked Mike for helping out with the position.
4. Field Repairs
 - A. Recent Donations: David Wirka: \$500
Tim P. shared that club member David Wirka sent in his dues for 2022, along with a donation of \$500 to help rebuild – very generous. All totaled, the club has received \$2,135 to help rebuild.
 - B. Rebuilt things as they were or upgrade/enhance?
Tim P. asked the question if we should replace the storm destroyed items in-kind, or should we make it better? The other members wondered what better would look like.

Cont. page 5



MEETING MINUTES Cont.

- B. Fence 240', approximately 15-20 posts + (2) 15' segments, 4-5 openings in the fence. I saw a Talespin newsletter from 2020 mentioning the need for a couple of larger openings.

Both Mike L. and Tim R. agreed that we need larger openings in the safety fence with offset fencing behind the openings. Mike L. said we could add extensions at the ends of the fence at a 45-degree angle to better protect the pit area. Mike L. also suggested we consider a tall grass buffer between the fence and the edge of the runway to stop wayward planes before hitting the fence. Nelson C. was not a fan of the fence extensions due to mowing concerns, and Tim P. was not a fan of the longer grass due to ability to maintain it and it harboring biting insects. Nelson C. said he would like to see green colored fence fabric used this time. Brian P. wanted to know how tall the fencing should be as there are a couple different heights of fabric available. Nelson C. did not want the new safety barrier to be any taller than the previous one – about 2 feet. Mike L. said he would visit the field soon and access what we need to carry out replacing the fence. Nelson C. was going to take the food tray to the UNL staff the following day and would inquire if we could get some help from them in removing/replacing fence posts. Also, the officers present gave Nelson the OK to exceed the \$50 budget for the UNL meat & cheese feed.

D. Structures

1. Plane stands (number and materials)

Materials were discussed, along with plans shared by Doug Clemetson. It was agreed that green treated lumber is suitable, or possibly a combination of red and green treated. It was decided to discuss this further at our February meeting. In the meantime, Brian P. will share his starting stand plans with us via email.

2. Tables (number and materials) **TBD**
3. Benches (need to be fixed??) **TBD**
4. Estimates provided by Doug Clemetson
5. How to coordinate rebuilding efforts. **TBD**

E. Celebration Fun Fly April 16, 2022 (third Saturday)???

All agreed that this would be an excellent idea.

Tentative 2022 WRCF event schedule:

April 16th – Field Reopening Celebratory Fun Fly.
May 21st – WWI & Golden Age Fun Fly.
June 18th – WRCF Fun Fly.
July 16th – Old Timers and Sailplane Fun Fly
August 20th – Bud Hall Large Plane Fun Fly
September 17th – Fall Fling Fun Fly.



MEAD APPRECIATION



Mead Field - On Wednesday January 12th, our club hosted lunch for the Mead staff to bring in the New Year and show our appreciation for the field we have.

**WESTERN R/C FLYERS
WELCOMES YOU TO
THE PHOENIX FUN FLY**

A CELEBRATION OF RECOVERY AND TEAMWORK

**TENTATIVE DATE
APRIL 16, 2022**

MEAD NEBRASKA

THE MEMBERS OF THE WESTERN R/C FLYERS WOULD LIKE TO THANK ALL WHO DONATED MONEY AND/OR TIME FOR THE REBUILDING OF FIELD EQUIPMENT AFTER LAST WINTERS TORNADO. YOUR KINDNESS AND GENEROSITY IS GREATLY APPRECIATED.

NO RESTRICTIONS ON TYPE OR SIZE OF AIRCRAFT. BRING YOUR NEWEST CREATION OR YOUR OLDEST WORK OF ART. AMA AND FAA RULES ARE IN EFFECT. THERE WILL BE NO RAIN DAY IF WEATHER DOES NOT COOPERATE. PLEASE SEE THE WEBSITE FOR UPDATES.

WESTERNRCFLYERS.ORG

MEAD FIELD WEATHER

<https://www.wunderground.com/dashboard/pws/KNEMEAD16>

UPGRADED STATION



GET READY FOR IT!

TENTATIVE DATE 21 MAY 2022

Western R/C Flyers  OMAHA NEBRASKA
AMA 857

WWI and Golden Age Fun Fly

2022 MEAD FIELD

All Models this Era*
Welcomed!



*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

The Phoenix Fun Fly

By Brian Peterson

albipeters@windstream.net



On April 16, 2022 the *Western R/C Flyers* will be hosting a fun fly to celebrate the recovery efforts of club members and to thank those people and organizations who helped with the rebuilding of field equipment lost as a result of the December 15, 2021 tornado.

The event is open to all types of aircraft so bring what you have ready to fly or bring what you are building to show off. There is a flyer posted on the web site and stay tuned for updates as they become available.

Please join us to thank those who helped rebuild and to enjoy the new equipment supplied by a very special group of people. Hope to see you there.

Brian



<https://www.modelaircraft.org/trust>



<https://westernrcflyers.org>

2022 Swap 'N' Shop

We Are Back Saturday, February 5, 2022

John Knox Pavilion
Hours: 9 A.M. – 3 P.M.
RC Planes-Boats-Helicopters-Cars
(Buy-Sell-Trade)

Admission \$5.00 – Kids Under 12 Free
Concessions Available at Noon

Walk-up Registration begins 8 A.M.
(Assuming tables are available)

Vendor setup at 8 A.M.
Doors Open to Buyers at 9 A.M.

Please Consider Friday Evening Setup
Pavilion will be open for setup from 5–7 P.M.
and will be secure over night

Mail Registration Form and Fee to:
Duane Hulen
KCRC Swap 'N' Shop
1020 SE 11th
Lee's Summit, MO 64081
Pre-Registration is Recommended
Tables sell out fast!
Questions? Call Duane at
816.516.4526 or email
drehulen@sbcglobal.net

Write on this form when you return it if you have a preferred location for your table(s)!

520 NW Murray Rd.,
Lee's Summit

Take Highway 50 East
off of I-470
Exit West on NW
Chipman Rd.

Immediate Left
on NW Murray Rd.

**In recent years 140
Tables sold before
Saturday
Register Early!**

Registration Form

Name _____	Tables Wanted	# _____ Price _____
Address _____	8 Foot Table	\$25.00
City/State/Zip _____	Additional Vendor Admission	\$5.00
Phone _____		
Email _____		

Limited Floor Space for large models, first come, first serve.
2 table purchases required for floor space.

Last date for Pre-Registration—Jan 24, 2022
All table locations will be assigned by KCRC
One Vendor Admission for each 8' table

Vendor Badges	1. _____	2. _____
	3. _____	4. _____
	5. _____	6. _____

Midgraph 10/30/2019





Tiger Moth Update

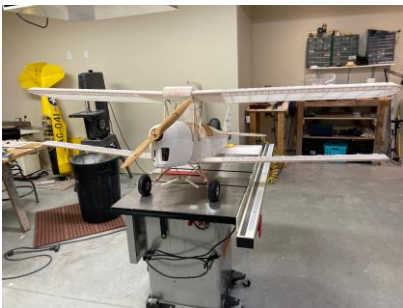
By Bernie Baker

MBjb050@cox.net



I was able to get the engine (*DLE 35*) and cowl installed, as well as *Koverall* on the *Tiger Moth* fuselage over the last month. It's coming together pretty well. The CG appears to be right about where it should be, and that's without any batteries or other radio equipment installed. Right now it weighs just under 16 pounds, so I'm thinking I should come in well under 20 when finished. That's a couple pounds lighter than on the specs, so that's good news.

I'm at a good stopping point now as we get ready to head to warmer weather for a while. I hope everyone has a safe winter.



It's far from over folks.....



Aviation Weather Forecast at Wahoo Municipal Airport, Nebraska

<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

2022 Indoor Air Show

By **Tim Peters**

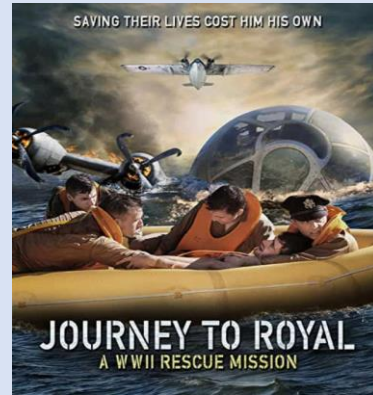
tpetersrc@gmail.com



The Air-and-Space museum (located on I-80 near Ashland NE) held its annual 'Indoor Air Show' Saturday January 15, 2022. Along with flying of indoor models, the museum provided table space for clubs and organizations. *Western RC Flyers* had a table along with the other area clubs. **Tom Wild** and **Tim Peters** greeted visitors and provided demos and answered questions related to the club and its activities. Kids enjoyed seeing themselves 'on TV' through the FPV setup on Tim's *Olympic* glider. Tom provided information on his electrified scratch-built 55% *Lazy Ace* biplane. The weather was cold and roads were somewhat icy, but the atmosphere indoors made for a fun morning and afternoon.



RECOMMENDED DOCUMENTARY



<https://www.amazon.com/Journey-Royal-WWII-Rescue-Mission>

WWII hero with the 4th Emergency Rescue Squadron, Lt. Royal Stratton, leads a deadly mission to save the lives of nine downed airmen adrift in enemy waters of a war-torn South Pacific. Immersive cinematography and gripping action, mixed with firsthand accounts and historical images, showcase the valor of this squadron who face overwhelming odds to bring their brothers home.



The Christmas Tube Bird

By Jud Bock
judbocksr@gmail.com



Have you ever started a R/C project and about halfway through decided it was a bad idea? In my 75 years in modeling, I have done it more times than I would like. You would think I would learn, but then nobody ever said I was a fast learner.

This was one of those projects, but I did eventually finish it, and thought you might appreciate the details.

The day after Christmas, I was taking down the decorations and stacking them in the basement. One box was filled with wrapping paper and as I was carrying it to the Christmas boxes area, a couple of rolls of paper fell to the floor. One of them was almost empty with only about a foot of paper left on it.



I picked up the now empty paper tube and was about to throw it away when I had a brain f---. That tube could be a fuselage, I said to myself. The wing and tail could be foam board and I could make the rest of the pieces out of my scrap wood box. The cost would be basically nothing and as I am now out of projects, it would keep me busy in the shop for a few weeks of winter.

So, I finished cleaning up the basement, grabbed my billfold and car keys and headed to Hobby Lobby to look for some foam board. They had quite a selection including board with one side colored. It was a little thicker than I wished, about 3/16th of an inch, but I decided that would be acceptable and bought one sheet for 4 bucks. I figured I could get the wing and tail both out of it. At this point, I



had already made two errors. Hobby Lobby also had thinner all white board, about 1/8th thick and quite a bit lighter. I should have used it instead and the second mistake was it would take two sheets instead of one, causing me to make another trip to *Hobby Lobby*.

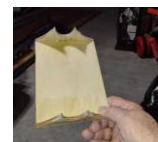
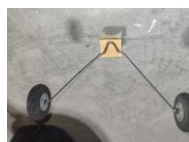


So, now with the potential wing and tail in my shop, I drew out the wing top and bottom and proceeded to cut through the top piece of the board and also through most of the foam, enabling me to bend it into an airfoil.



finished.

Next, I cut out the tail and installed it on the tube. I found that the tube didn't have sufficient strength in several stress areas, i.e., the landing gear and wing platform, so I formed some wet-down 1/16th sheet and glued it to the tube ins those areas. It added the strength I needed and very little weight. There also were several areas on the tube where it was starting to pull apart at the wound glue joints. I corrected this with thin CA on those joints, also adding very little weight. I then made the landing



gear bracket and the wing platform, and installed them on the tube after first determining where the battery and wing

were going to go for the correct CG so no weights were going to be needed for correct balance.

With the parts now glued in place the tube bird was beginning to look like it might fly, (Pic 9)

I cut a hole in the tube-fuse for the receiver and a made a bracket on the bottom of the wing platform for the 3S-2200 lipo I intend to use. The 4 servos were hot glued in place and the servo wires fished through the tube and the wing to reach the receiver. The finished product weighed in at a couple of ounces over 2 pounds ready to fly. If I had it to do over, I would have used the thinner foam board to save weight. But, with the 60" wingspan, it should easily fly O.K. at 38 ounces. The motor is a G-force 2835-1200 and an 8-6 prop which I



believe will fly it at half throttle after takeoff.

See you at the field.....Jud

*Western R/C
Flyers*



¼ SPAD XIII Build - Part 3

By Nelson Carpenter

J3flyah@gmail.com



The month of January I was able to construct four sets of wing struts; the cabane structure; gun troughs; landing gear with fairings; sheeting of fuse; and stringers on turtle deck. Lots of copper wire wrapping and soldering. I also installed *HiTec 645* servos in the top wing. Unlike the *Sopwith Pup* with ailerons in both top and bottom wings; on the *SPAD* they are only in the top wing. Wingspan is 81 inches.

Now I will focus on covering the fuselage with *Sig Koverall*. The rudder, elevator, and throttle servos will be installed. Along with the 16 oz. tank and *Zenoah G-38*.

I've mentioned before how well I like *Balsa USA* kits, and especially this one. The kit is complete including all hardware needed. The construction manual is thorough as well.



Hello from LOTO

(Lake of the Ozarks)

From Dave Kelly

dkmidwest@hotmail.com



Finally.... my building project is back in full swing. My last year has seen a move to LOTO, and several home projects to get to this point. Also medically speaking several hurdles have been jumped. My shoulder is now at a point where I can move around the building board, but still "no weights" restrictions. A hobby knife does not weigh too much, nor a bottle of glue!

It's been near three years since I did much on the B-26. With the *Memphis Bell* residing elsewhere, progress has begun again. Nearly a week of going in circles



getting my head around where I left off. Once I picked up my three-view, I saw a note that made me say.... "oh yes, a problem". So back to researching a good

three-view without mistakes and one to match my project. Critical in the static judging portion for scale competition. Once the 3-view problem was resolved, it was a matter of a straight edge, a box of #11 blades and handle, a set of scribes, a small block plane, and sanding block.

Fit and finish on sheeting makes a project come to life. It was fun, and in many ways big airplanes are easier because the radiuses on the curves are easier to get sheeting to shape without cracking along the grain. Also 1/8" sheeting had enough meat to it to be able to butt edges and make for nice tight fits. All the sanding and shaping has helped the rotator cuff make gains in range of motion. I'm pleased with that, as well as the fact I'm able to make great gains on the B-26 process.



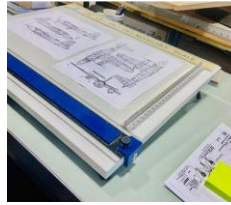
My new work shop was built around the need to build

a 12' wing, and 11' fuselage. In the pics you will notice some "overhead" racks to hold building items. Much like a kitchen that holds pots and pans near the cooking surface for convenience. Also, a pull down three-way 110v cord that retracts back into place when not needed. It has made

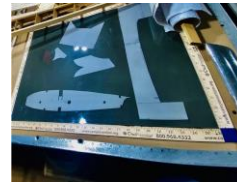


it very handy, no cords on the floor or other surfaces to work around and always just a reach away. The end has "classic" government issued desk. They can't be worn out, ever! Grey paint, and green plastic laminate top surface. Black rim glasses, and skinny black tie is optional.

The tilted drawing surface is comfortable and perfect for a 3-view reference station. My build table has full length storage under it to hold all my balsa sheeting and sticks for the build as well. Even 48" long sheeting stores well because the work table is



58" wide. The dark areas on build table are glass. Making for a great cutting surface. One fenced in with measuring ability on all sides. Another glass that is portable and can move where it's needed.



Eventually a rolling white board, to hold shop drawings and build notes without having to unroll 7 sheets of plans 13' in length. That's an idea that Jack Wilhelmi gave me. Very handy.



Western R/C
Flyers



Western R/C Flyers Event Schedule*

*Posted on **Metro Area RC Flying** website calendar.
http://www.metrorcflying.com/metro_schedule.htm



Western R/C Flyers Inc.



Membership Renewal and Application 2022

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

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

AMA Number: _____

2022 Dues: \$35.00 (Renewals due by **April 1st**)

Sign Here: _____ Date _____

Checks Payable to: Western R/C Flyers

Complete this form (new applicants only); Current members send payment and include AMA number. Applicants provide AMA number, postal address, and email address.

send to:

WRCF Treasurer Dean Copeland 15668 Fountain Hills Dr. Omaha, Nebraska 68118