



OMAHA NEBRASKA
AMA 857 - IMAA 284

TAILSPIN NEWSLETTER
February 2014 Issue

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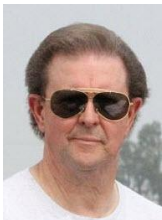
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A Word from the President



The *Western Flyers* have been contacted by our new AMA District IX Vice President **Jim Tiller**. Jim is asking our club to host the *2014 AMA District IX Rally*. We will be contacting the Council Bluffs club, the *Twin City Eagles Squadron*, to see if they would be agreeable to let us host the rally at their site since it is easily accessible from the interstate and lodging is nearby.

As of now we are looking at the weekend of June 28th for this event. I will have more on this event in the next month or so as more information is developed.

At the last meeting the club voted \$550.00 towards reseeding the field at Mead. Once we get a reading on the weather, a day will be scheduled to get some work done on the runway.

With the holidays I have not made much progress on the *Stinson*, but I do have a short write up and some photos of the tail feathers.

Let's build and fly! ~ **Jim Henley**

Next Meeting:

7:00 PM Tuesday February 4, 2014
Natural Resources Center, Chalco Hills
Recreation Area, 8901 S. 154th St.



Vice-President's Corner



Folks, make sure you send in your dues so that Dean can square away the books. This will help us firm up a budget for the year.

We've picked up new members over the last flying season. Several from Lincoln joined up after experiencing our Mead flying field and the friendliness of our club members. Thanks to **Loren Blinde** and **Tom Wilde** (both *Lincolniters*) for inviting them to try out our field. We are all certainly glad to have you as part of our club.

Also, I want to recognize those of you who have maintained your membership with our club. Your support means a lot to the club, and we gratefully thank you!

Something to think about, is that membership meetings are an important function of a well run club. Try to attend these meetings and be part of any decision making process. Also, it will help you stay informed.

Thanks!

~ **Rick Miller**

Feb 2014 Treasurer's Notes



Well the *Western R/C Flyers* club is growing, we have a whopping 15 members for the 2014 season. If you are one of the local R/C flyers that want to be part of a really great club with a lot to offer then here is your chance to fly with some of the other flyers that feel the same way. Dues are still only \$35.00, come join us.

The club is going to be working hard to get the runway in the best shape it can be so that we can all enjoy the benefits of a great place to fly and spend time doing what we all like to do. Our meetings are so much better when there are more people than less people so how about some you that have not been to a meeting for some time join us and bring the rest of us up to date on what you are building. Should there be a long line waiting to pay their annual dues just be patient I will move as fast as I can to get you all signed up for 2014. See you at the meeting.

Thank You!

~ Dean Copeland

REWARDS PROGRAM

Remember **Hobbytown's Reward Program**. With every purchase by a WF member, the club receives a credit for an amount equal to 1 percent of your purchase. Be sure to mention your Western Flyers affiliation when making a purchase at either Hobbytown location.

January 2014 Meeting Notes

(8) members present. Called to order Jim Henley 7:10 PM

Dean Copeland presented treasurer's report. Moved and seconded to accept report. Motion passed.

Old Business discussion items:

Finances and 2014 Expenses. Dean reported on monthly expenses for 2013. If membership remains static, there will be about \$1,500 income for 2014. Discussion was held regarding how to limit expenses for 2014. It was agreed that the \$600 annual *Port-A-Potty* expense is necessary. It was also agreed that the focus on 2014 should be toward grass for the runway.

Bob Burt mentioned he was unable to contact Lanny regarding seed for the Mead field runway. He estimated grass seed cost at \$1.00 per pound when purchased in 70 pound bags. Each bag covers approximately 15,000 square feet. The Mead runway is 60' by 80', or 48,000 square feet meaning 3-4 bags need to be purchased. One source for seed is '*Double K*' in Papillion. There was discussion regarding how the seed should be applied to give it the best chance to germinate. Harrowing is an option, but it will be destructive to the existing grass. It was also mentioned that the field be 'dragged' using a railroad tie or chain-link fence to help cover the seed with dirt.

Jim Henley had discussed field maintenance with **Bill Davis**; Bill does not have access to equipment but can be enlisted to help operate any equipment provided by the club. The general consensus is that '*spike aeration*' followed by seed application is best. **Bob Burt** may be able to get **Lanny** to assist; timing for applying the seed is to be determined during the March meeting.

Regarding watering the field. It is not certain that the existing hydrants work.

It was moved/seconded and approved to spend up to \$550 on field improvements in 2014, to include grass seed and equipment rental.

Meeting room. **Nelson Carpenter** was unable to attend but sent an email to the officers. He researched the availability of the former *Western Flyers' Chalco Hills Resource Center* meeting room. That lower level room, previously used by the club, is no longer available. The larger conference room on the main floor is reserved and is mostly not available either; if the club wants to make use of the larger room, the meeting date will need to be moved. Discussion indicated that the current location is okay; it was mentioned that the atrium had been used in the past when the current room's capacity was exceeded.

Cont....

January 2014 Meeting Notes Cont...

Regarding membership drive. It had been suggested that *Western Flyers* hold a competition with a cash award for the member that recruits the most new members for the year. Other suggestions included event fees that provide incentive (*in the form of reduced membership rates*) for event participants to become club members and '*lifetime memberships*'. None received much support from the attendees. It was generally agreed that the annual dues for *Western Flyers* are competitive and that the Mead flying site is one of the club's best attributes. It was also suggested that *Western Flyers* begin displaying the club banner and make membership applications available at all events.

Discussion about other revenue opportunities. It was suggested that the fun-fly events (*all scheduled events other than the sanctioned ones*) should require an event fee. Any time *Western Flyers* provides food at an event there should be a voluntary donation. It was moved/seconded and passed that for scheduled events a \$5 fee be collected from all attendees, (*including all Western Flyers members*) and voluntary donations be accepted when the club provides food.

It was moved/seconded and passed that *Western Flyers* contact *AMA District IX AVP Ed Paasch* about fund raising—he has been involved with assisting other clubs.

Other Old Business:

It was reported that the "*finder's fee*" for assistance in locating an additional flying site has been removed from the *Western Flyer's* web site.

Jim Henley has contacted *IMAA* regarding sanction for **Bud Hall** event. *Western Flyers* will get a sanction and *IMAA* membership will not be required of attendees.

New Business discussion:

Bob Wheeler will discuss the 2014 scale event with the *Omahawks* (*host*) club, scheduled for the first weekend in August.

At 8:05 PM it was moved/seconded passed that the meeting adjourn.

Show-and-Tell:

Bob Burt brought an *Estes 'Proto X' Quadcopter*; he mentioned that *HobbyTown* has sold several hundred of them over the Christmas holiday.

Bob Burt brought a "*Flight Test*" '*Old Fogie*' 36" span high-wing electric model suitable for indoor or outdoor flight. A unique feature is the removable '*Power Module*' containing motor, speed controller, receiver components.

Rick Johnson showed his 40" "*Maxford*" '*Northrop Gamma*' EP low-wing scale model.

Cont....

Dean Copeland borrowed a display owned by **Joe Mock** (*Lincoln*). It contains scale mockups of 1903 and 1909 versions of the engines used in the '*Wright Flyer*'. Joe was commissioned by a museum in Arizona to create the mockups and he retained one for his own use.

Dean also brought a wing component from a current building project to show. He demonstrated the scratch-built retract mechanism and described the construction process. Each gear contains dual wheels with operating wheel brakes. He may be able to bring the complete model at an upcoming *Western Flyers* meeting.

That's it!

~ *Tim Peters*

Building Up-North Country

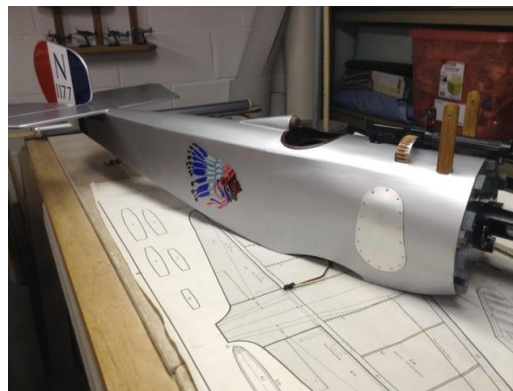
Report by Nelson Carpenter

Latest I heard from "**Snowshoe Jim**" **Drickey**, up in Longville, Minnesota, is that the weather has not treated them very kindly. Much snow and brutal temperatures. This must have warped Jim's mind, because he took up igloo building. Yet Jim did find time to finish the *Nieuport 17* and has already moved on to the next airplane project. A Japanese *Zero*.



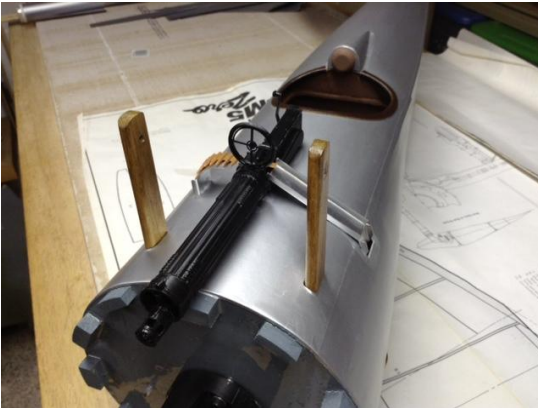
Jim says: "*Pretty much done with the Nieuport, just need to throw in battery, plug in servos, and balance. A few mistakes here and there, it's always a learning process. Decided not to use the Lewis gun on wing top. I figured it would take a beating with hard landings. I would build a Balsa USA kit again, they are nice. Well on to the Zero, gotta keep on keep 'in on. I've got piles of kits to go....."*

Current photos of "**Snowshoe Jim's**" *Nieuport 17* are shown here:



Cont....

Building Up-North Country Cont...



Website: <http://www.weflyrc.org/>

Be Prepared for Fire!

Everyone in our hobby should pay particular attention to safety, and that includes the potential for fire. Whether in your workshop or at the flying field, it could happen. Are you prepared?

There are many flammable things that we use when building and flying our aircraft. Having a fire extinguisher nearby and readily available to use is nothing short of a great idea! A smart thing to do.



We do have an extinguisher at Mead used for events, but it is in a locked box and not quickly accessed. Carrying your own extinguisher would save much time if you had to put out a fire. Menards carries small class A extinguishers for \$18.

As does Wal-Mart.

The chart below shows the types of extinguishers and how they are applicable to various fires.

FIRE STOP (02) 6681 6000		Fire Extinguisher Rating Guide				
ID sign	Typical appearance	Extinguisher Type cylinder contains	Class A Wood, paper, textiles etc, normal combustibles	Class B Flammable liquids, petrol, paints	Class E Electrical fires	Class F Cooking oil, animal fats & vegetable oils
		Dry Chemical Powder	YES	YES	YES	NO
		Co2 Carbon Dioxide	NO	YES	YES	NO
		Water	YES	NO	NO	NO
		Foam	YES	YES	NO	NO
		Wet Chemical	YES	NO	NO	YES



WOUNDED WARRIOR PROJECT

<http://www.youtube.com/v/ervaMPt4Ha0&autoplay=1>

RC NEWS FROM LAS VEGAS

By Bob Boumstein

“Gas”



Hello everyone! Today in LV we had great weather in the mid-60's and should get even better in a few weeks, 'till we get to roasting!

Very interesting that Saito has just introduced a cycle .82 GAS motor for \$399, the carb is the big break through. Mostly up to now gas motors have used some form of a Walbro carb. Walbro makes a great carb and at \$34 retail, it is a top buy. But they are a mounting issue on smaller aircraft.



Today most Perry carbs for Glow engine are in the \$40 range now. Saito has a diaphragm carb, which is far more compact. This will allow for better mounting on most .60-size aircraft.

Even more exciting is Evolution Motors Gas 10 GX a .60 size motor with a diaphragm carb for\$199 that is a great deal! Most of the miniature gas motors are recommending 20 to 1 oil. That should work fine but I suggest you go see Marvin Goldberg at Nebraska Motorcycle and buy quality 2 stroke oil;



not the cheap stuff from Wally. The plugs seem to be \$12 and up, look like Stitt from Texas. Stitt makes a great spark plug you will like them. I think the Evolution

motor could be squeezed into a .40-size plane with a little effort.

What a change this means to the Model Airplane Hobby.

Nitro fuel out here is big bucks! Gasoline at \$3 a gallon is such a bargain. Probably your 8-oz runs will net down to 20 cents each with no \$8 glow plugs, and very little tuning issues compared to glow. This technology may save a doomed hobby generation. I like electric now with lipo batteries and fast chargers. But the sound of an airplane with a gas motor is still special to me.



Cont....

RC NEWS FROM LAS VEGAS *Cont...*

On the subject of batteries, I can highly recommend SMC batteries. It is a small company that make fantastic packs. I just got two 3S 5300MAH 60C packs for my insane E-Revo project. This will make this bad boy howl.



Further, I have used several types of battery packs on my 350 QX Quad, with no noticeable difference. Even the Thunder Power 45C 2200MAH 3S (\$60) made no real difference in flight in times or performance on the quad. So I have gone the cheap Lipo route and it works fine.

Lastly I know a guy in Missouri who makes skins or wraps for RC cars, so I got one for my Twin Hammers Rock Racer. I love the results!

Stay Warm !

Bob Boumstein



New to the hobby???? Want to learn more about it??? Interested in trying it??? See us! We can help you. Contact any of our members, or come on out to the field. We're a friendly bunch!

Don't Forget to Pay Your Western RC Flyers' 2014 Membership Dues



Send check to Western RC Flyers Treasurer:
**Dean Copeland 15668 Fountain Hills Dr.
Omaha, Nebraska 68118**
(Check payable to Western RC Flyers)



Top Flite Stinson Reliant

By Jim Henley



Specifications:

Wingspan: 100.5 inches
Wing area: 1487 Sq. Inches
Weight : 16 - 25 Lbs.
Wing Loading: 24.8 - 38.7 Oz/Sq.ft
Length: 67.8 Inches
Engine: VVRC 40cc Twin

I will be building the 1/5 scale *Top Flite Stinson Reliant* kit that I acquired through a trade. The kit was started by the original owner who began framing the fuselage, but nothing more was done beyond that point. After inventorying the parts and studying the build instructions, I am ready to begin construction. The instructions begin with the frame up of the stabilizer, and this is where the build will start.

The stabilizer has an airfoil and tapers in thickness from the center to the tips, the ribs have tabs on the bottom so the stabilizer can be built "off the plan". The elevators are built up on a 3/32 sheet core, ribs are cut from 5/8 x 3/32 stock and capped with 1/6 X 1/4 sticks. Once the elevator ribs and cap strips are installed, 1/4 X 1/16 stock is formed around the perimeter of the elevator to simulate the steel tubing frame of the full size plane. On page 14, step 14 of the instructions, you are told to bevel the leading edge of the stabilizers. Instead, I marked the center line of the L.E. and drilled the holes for my hinge points, then beveled the leading edge of the stabilizers.

The vertical fin and rudder are framed up the same way as the stabilizer and elevators. I again made an exception in the build by marking the center line and hinge locations on the rudder leading edge and drilling them for my hinge points. Then the instructions were followed to finish framing up the rudder.



First look of kit



Wing rib sub assemblies



Wood and parts separated and grouped together

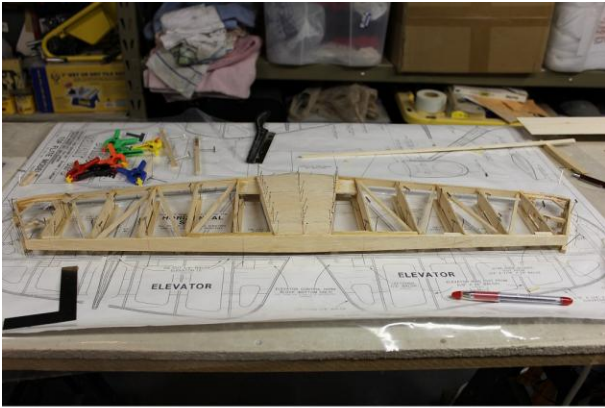


Stinson "SR-9" box



Starting Stabilizer frame out

Cont....



Stabilizer frame out ribs, diagonals and sheeting



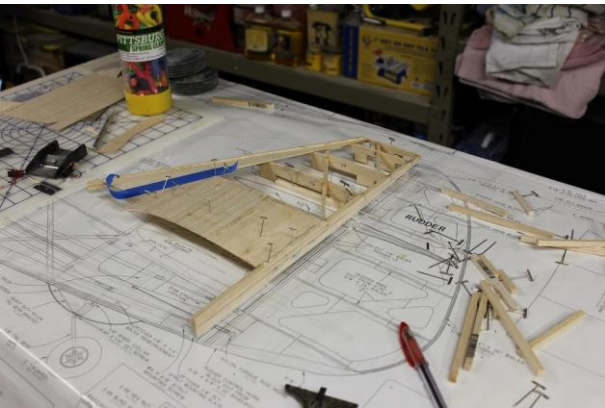
Vertical fin and rudder core



Stabilizer and elevators



Stabilizer and elevator frame out complete



Vertical fin frame up

Join us!

OLD - TIMER Fun -Flies

Hosted by
*Western R/C
Flyers*



www.WeflyRC.org 

AMA Card Required
Location: Western R/C Flyers Mead Field 20 minutes west of Omaha, Ne



~ 2014 Western R/C Flyers Event Schedule ~

(Tentative Events/Dates in **RED** need to be firmed up)

2014 Tuesday Night Fun-Flys at Mead, **Every Tuesday evening May 6th through September 2nd!**

(Weather Permitting)

January 2014

- **Tuesday, Jan 7th** - Club Meeting 7pm, NRC, Natural Resources Center, 8901 S. 154th St.

February 2014

- **Tuesday, Feb 4th** - Club Meeting 7pm, NRC, Natural Resources Center, Chalco Hills Recreation Area, 8901 S. 154th St.

March 2014

- **Tuesday, Mar 4th** - Club Meeting 7pm, NRC, Natural Resources Center, 8901 S. 154th St.

April 2014

- **Tuesday, Apr 1st** - Club Meeting 7pm, NRC, Natural Resources Center, 8901 S. 154th St.

May 2014

- **Tuesday, May 6th** - Club Meeting 7pm, at MEAD FIELD, bring a plane, open flying & food.
 - **Saturday, May 17th** - Old Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.

June 2014

- **Sunday, Jun 7th** - Annual Spring Club Fun Fly at Mead Field starting at 10:00am. Open flying.
 - **Tuesday, Jun 3rd** - Club Meeting 7pm, MEAD FIELD, bring a plane, open flying & food.
 - **Saturday, June 21st** - Old Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.
 - **Saturday, Jun 28th** - District IX Fun Fly Rally.

July 2014

- **Tuesday, Jul 1st** - Club Meeting 7pm, MEAD FIELD bring a plane, open flying.
 - **Sunday Jul 12th** - Western Flyers Open House Fun Fly. Starts at 9:00am with flying until dark.
 - **Saturday, Jul 19th** - Old-Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.

August 2014

- **Saturday, Aug 3rd and 4th** - Don Neill Scale Contest. Multi-club Fun event hosted at Omahawks field.
 - **Tuesday, Aug 5th** - Club Meeting 7pm, MEAD FIELD a plane, open flying.
 - **Sunday, Aug 10th** - Bud Hall Large Aircraft Fun Fly. Aircraft restricted to IMAA criteria. Landing fee \$10.00 provides lunch both days and flying. Rain date Aug 11th.
 - **Saturday, Aug 16th** - Old Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.

September 2014

- **Sunday Sep 7th** - The 5th Annual Fall Fun Fly and Swap Meet. Swap meet setup after 9am. Open flying 10am through 3pm.
 - **Tuesday, Sep 2nd** - Club Meeting 7pm, MEAD FIELD - bring a plane, open flying.
 - **Saturday, Sep 20th** - Old Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.

October 2014

- **Tuesday, Oct 7th** - Club Meeting 7pm, NRC, Natural Resources Center, Chalco Hills Recreation Area, 8901 S. 154th St.
 - **Saturday, Oct 18th** - Old Timers Fun Fly with Glider Fly - Starts at 9:00am with flying until 3:00pm.

November 2014

- **Tuesday, Nov 4th** - Club Meeting 7pm, NRC, Natural Resources Center, Chalco Hills Recreation Area, 8901 S. 154th St.
 - Nominations taken for 2015 Officers

December 2014

- **Tuesday, Dec 2nd** - Club Meeting 7pm, NRC, Natural Resources Center, Chalco Hills Recreation Area, 8901 S. 154th St.
 - 2015 Officer elections



Tailspin Newsletter
Western RC Flyers
Omaha, Nebraska

TO:

Western R/C Flyers Inc. 2014 Membership Application

Please print clearly!

Name: _____

Address: _____ Zip Code: _____

Evening Phone: _____ Day Phone: _____

Email: _____

AMA Number: _____ IMAA Number: _____

Dues Paid: \$ _____

2014 Dues: \$35 (Renewals should be paid by **April 1**) New/Renewal: ___ New ___ Renewal ___ (Check One)

Sign Here: _____ Date _____

Membership subject to approval. AMA membership is required.

Make Checks Payable to: Western R/C Flyers

**Print this form and send check to WR/CF Treasurer:
Dean Copeland 15668 Fountain Hills Dr. Omaha, Nebraska 68118**