



OMAHA NEBRASKA  
AMA 857 - IMAA 284

## TAILSPIN NEWSLETTER May 2014 Issue

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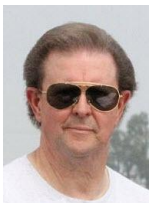
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### A Word from the President



Everyone needs to bring a fertilizer spreader to the meeting on the 5<sup>th</sup>. Richard Jonas will bring the recommended material and if all of us bring a spreader we can get the material on the ground with little loss to our flying time Tuesday evening.

Correction time; at the last meeting I made the statement that there would not be a competition at the *District IX fun fly*. In trying to confirm my original statement, it generated a nice call from Jim Tiller the *District IX V.P.* discussing the upcoming District 9 rally. Yes, traditionally "a fun competition" has been a part of the District IX fun fly

Jim indicated that he has been talking to the club at *Grand Island* and the *South Dakota* clubs drumming up participation for the June 28 fly-in. This is a real chance to show everyone in this area what a great field and club the *Western Flyers* have.

In a separate newsletter article within is information that I received from Tom Neff whose club has hosted the district IX Fun-Fly for the last couple of years. Please refer to that.

**Let's build and fly!**

**~ Jim Henley**

### Next Meeting:

**7:00PM Tuesday May 6, 2014**

**Mead Field**



### Vice-President's Corner



The really good news this past month is that the "Rain Gods" have dumped some needed rain on our recently seeded field. What a difference that has already made at our flying field!

With the month of May, flying should shift into high gear with lots going on and plenty of open flying at Mead. Get yourselves out there and join the rest of us.

**Thanks!**

**~ Rick Miller**

## May 2014 Treasurer's Notes



As of April 15th we have a total of 31 members.

A copy of the April 2014 Treasurer's report will be passed out at the May meeting.

Your Treasurer,

- Dean Copeland



**WOUNDED WARRIOR  
PROJECT**

## April 2014 Meeting Notes



Western Flyers meeting minutes, April 2, 2014 7 PM. (Meeting changed from Tuesday April 1 due to meeting room conflict)

(13) Members and attendees present

Called to order by Jim Henley 7:05 PM

Jim mentioned that the WRCF club minutes are published in the monthly *Tailspin* newsletter; he asked if there were any concerns or comments regarding the content. It was moved/seconded/passed to approve the March 2014 minutes as printed in the *Tailspin*.

Treasurer's report was presented by Dean Copeland. WRCF has 31 members as of April 2. Dean also discussed the expenses associated with the recent seeding of the WRCF Mead flying site. It was moved/seconded/passed to approve the Treasurer's report. There was a question about whether 'CORE Bank' (the previous bank changed hands) was charging us any fees for maintaining the WRCF account. Dean looked into it and said that there were no fees.

### Old Business:

Reseeding the Mead flying field: Dean and Jim H. discussed the seeding project. On March 13, club member Richard Jonas acquired the use of a tractor (from John Deere - Wahoo, NE) with which he, Jim and Dean did the seeding. The Mead UNL Facility provided additional tools (aerator and seeder). It was mentioned that the implements did a very efficient job of aerating, filling, and covering the seeds. The primary runway area covered is 600' by 90', the south portion of which was double-seeded. A pass was also made through the pit area. Two additional concerns were mentioned: watering and fertilizer. Water is available either from one of the two existing hydrants or by attaching directly to a water source on the building. Connecting to the building requires a back-flow preventer.

Insurance for shed contents at Mead flying site. Nelson Carpenter still checking on this.

Replacing the door for the shed: Rick Haneline examined the shed and door; the opening is 36" wide by 85 1/2 " tall. Rick and Nelson mentioned that WRCF could purchase a suitable pre-hung door from Menards for \$99. Discussion indicated that purchasing a door is probably a better option than trying to repair the existing door. It was moved/seconded/approved to purchase a door and combination lock; Rick Haneline will handle it. Other members said that they can come up with the miscellaneous parts: knob and hasp. Rick H will coordinate the installation; Leroy Konecky will provide a generator to power whatever tools are needed to complete this project.

Cont Page 3...

## April 2014 Meeting Notes Cont...

### New Business:

Jim Henley mentioned that the AMA sanction paperwork has been received for (3) events. There was discussion regarding the AMA District IX Fun Fly to be held at WRCF Mead site. Jim clarified that there will not be any flying competition at the AMA District IX Fun Fly.

AMA District IX AVP Ed Paasch was in attendance. He discussed the upcoming Aviation Day at the *Strategic Air & Space Museum, Ashland NE*. It will be held Saturday, May 31, 2014 from 11 AM - 5 PM. The event is being combined with a full-scale Helicopter fly-in; there will be 10 helicopters landing in the parking lot allowing spectators the chance to talk with the crew members and examine the aircraft. There will also be helicopter rides available. One benefit to WRCF is the opportunity to "reach out" to attendees who already have shown in aviation just by their presence at the event. The 2013 version of this experience attracted 60 R/C pilots. All R/C flying will be indoors; the museum will not provide lunch this year as they have in past events. (Water will be provided.) Jim Henley and Rick Miller talked about the club's involvement with this over the last three years. The club members set up a static display using the WRCF banner, photos and other information. Per Ed Paasch, participating club members will be able to enter the building at 8 AM to set up their display. Jim Henley said that he would contact 'Ian' at the museum and let them know that WRCF will have a table. More details will be worked out during the May meeting.

Additional discussion about the Mead flying site: Rick Miller stated that the mowers are ready for the flying season; one of the older units needs a battery. Leroy will assist in getting a battery with the idea of getting the mower into saleable condition. The shed also contains two wagons and two weed-eaters. Fertilizing the field was discussed. Club members are asked to bring 'broadcast' fertilizer spreaders to the May meeting. Dean will get fertilizer and the club members will apply it during the evening of the meeting. It was moved/seconded/passed to allocate an amount not-to-exceed \$200 for fertilizer with the understanding that left-over funds for field maintenance will cover that expense. Volunteers are needed for doing the mowing during the upcoming season.

Jim Henley, Terry Pollard, and Richard Jonas stated that they will help. There was more discussion about watering the grass if the weather conditions dictate; Leroy and Mike will look into this.

### More new business:

The excellent content of the recent *WRCF Tailspin* newsletter was discussed. A copy has been printed and provided to the Irvington *Hobby Town*—giving access to the *Tailspin* for those without computer/internet. Feedback regarding the recent membership decision to not distribute *Tailspin* hardcopy to members was discussed.

Ed Paasch thanked Rick Miller for his assistance at the recent *Lincoln Sky Knights'* auction. It was one of the more profitable auctions of the past few years. There

were numerous comments about the willingness of clubs to assist each other.

There are two new WRCF club members this month - Welcome! Dean Copeland mentioned that he would attempt to call previous WRCF members who had not renewed in hopes that we can retain them. Jim Henley mentioned that IMAA VP Wayne Perry may attend the Bud Hall event this year.

At 8:15 PM it was moved/seconded/approved to adjourn.

### Show-and-Tell

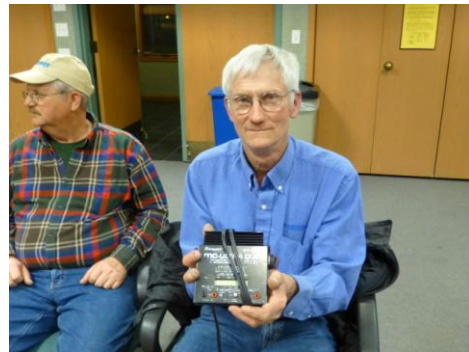
Leroy Konecky displayed a Graupner charger that he had acquired. It will service NiCd, NiMH, and Lead batteries; power comes from a 12-volt supply.

Jim Henley showed the IMAA 'High Flight' magazine that contains the build thread for his *Spacewalker*. Jim would like to locate additional copies of that issue; if you know of any, please contact him.

*That's it!*

*~ Tim Peters*

## Show n' Tell Items



### **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.

# Building Up-North Country

Report by Nelson Carpenter

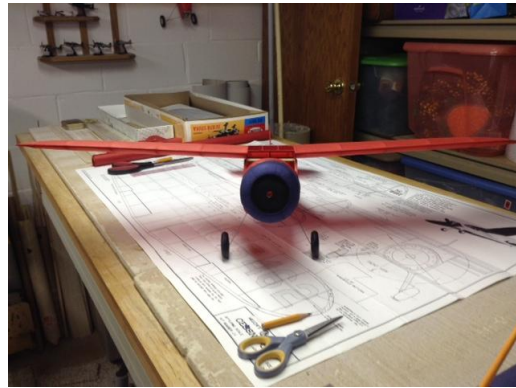
Our lumberjack in Minnesota, Jim Drickey, says things are starting to thaw out. The snow has melted and he can get to his garage where many of his airplane creations hang in the rafters. Says: "Weather starting to shape up, snow gone, big meeting coming up soon with flying club up here. Getting new field in shape, it's really a nice area to fly."

Jim goes on to mention about his building: "Ever continuing process....doing trim color with blue tissue, numbers etc. The Cessna C-34 is very difficult to cover, symmetrical wing shape, cowl ring stiff paper. Gonna use some Williams cylinders engine effect, (thank you Dean's Hobby Rama.) This unit being set up to really do some flying, free flight (rubber.) Two coats of dope on whole airplane then trim goes on. No wing struts, has really robust wing cord. Have to do rocker bumps yet. Those things are a pain, sanding, covering."  
On another kit: "Cutting out parts for Heinkel 100 D, next one up, rubber power also. A really great WWII German fighter. I did this airplane years ago but it was destroyed in move up here to Minnesota. (One of the dogs destroyed it.)"

An update from Jim: "My Megow models Cessna C-34, 30 in. Stick & Tissue, rubber power unit completed. Uses 2 loops 3/32 tan II rubber for power, 6 in. Prop. Used original plan circa 1930s. Only change, I blacked out windows."

Plan to do some free flight flying this year, it's calling to me again. I know you guys think, what a waste of time. But not so fast my friend! Build one and try to get some flight duration out of it. I've seen 60 sec. + from these things. That's a long time for a scale rubber power airplane. Besides they're cheap and small in size. In my work space that is a consideration. Well many more kits in my pile, gotta get to work."

Included are the photos that Jim sent of the completed Cessna.



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For your situational awareness as obtained from the *Salina Journal* (Kansas) newspaper on April 15, 2014:

## Police: Man's drone hindered chopper

SPRINGFIELD, Ohio --- A man is facing charges after deputies say he was flying a video camera-equipped drone that hindered the landing of a medical helicopter at an accident scene.

Kele Stanley, of Springfield, said he's been unfairly charged and would have landed immediately if he knew the medical helicopter was en route.

"I'm not an idiot," he said. The hobbyist was flying the \$4,000 drone over a crash scene on Saturday morning to shoot photos and video.

Authorities said both fire officials and a Clark County sheriff's deputy told Stanley to stop flying his remote-controlled aircraft because the helicopter was preparing to land and that he refused. The helicopter was able to land and depart safely from the scene.

Stanley is facing a felony charge of obstructing official business and misdemeanor charges of misconduct at an emergency and disorderly conduct. He pleaded not guilty during a court appearance Monday and said he's going to hire a lawyer to fight the charges.

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## --. -. Dits and Dahs --. -

In Saturday's April 26th *World Herald* newspaper, there was a featured article about fellow flyer **Dick Behrens** and his connection with the local Morse Telegraphy club. A very good read, and something many of us didn't know about Dick.

Go here:

<http://www.omaha.com/article/20140426/NEWS/140429070/1685#tapped-out-morse-code-club-finds-members-hard-to-come-by>



# District IX Fun Fly Events

By Tom Neff District IX AVP

Typical events flown at *District IX* events are as follows:

**Fast and slow:** Station two Judges (*pilots work if you don't have any assistance*) in a safe distance from the edge of the runway and approximately 500 feet apart from each other equipped with stop watches. The pilot must fly as fast in between both judges following the runway. The person that the end the pilot enters the event signals by hand to the other judge who starts his stop watch and times how long it takes to get from Judge A to Judge B. Pilot B records this time or leaves it on his stop watch. The pilot once again following the runway enters the course from the judge A side and fly's as slow as possible to judge A. This is the tricky part, the pilot may NOT leave the runway area side to side or attempt to go vertical to slow his aircraft time down, and he must maintain the slowest FORWARD FLIGHT possible. Any deviations he gets disqualified.

Calculate the difference between the fastest and slowest times, person with the largest time difference wins the event.

**Take off, loop/ roll, land:** As the title says take off, loop and roll or deviation of roll and loop and land. Must be a complete 3060 degree loop and 360 degree roll, makes no difference as to which one is completed first. Judges determines if both loop and roll are completed. Please remember, this is not a pattern or IMAC event, no points off for a really bad loop or roll, the pilot must just complete the two maneuvers and land. Time starts when aircraft starts movement and pilot announces he is starting the event. Fastest time wins.

**Spot landing:** Mark a spot on the runway, put a balloon on the spot. Pilots get two attempts to try to land as close to the balloon without popping it as possible. The point that any part of the aircraft touches the ground, i.e., mains, nose wheel, rudder, (*that is never good*) the propeller is measured to the center of the balloon and that is recorded. Person with shortest distance wins the event.

Calculate scores as follows, 1st place in each event gets 4 points, second place 3 points, 3rd place 2 points. Person with most points wins the event. If you have two, three or four pilots from the same club you would combine their scores for a club total. If you have only one pilot representing his club you can only base the club total on the one pilot against all the other clubs one top score. The club with the highest total wins the coveted district 9 Buda award for one year.

**Limbo:** Hint, use a limbo pole that won't destroy a plane when, not if it hits it but when a plane hits it. (*Usually save this one for the last event*)

Any type of aircraft is allowed from cc a 300 to the smallest foamy. Hand launching of electrics is allowed.

Cont...

Per Jim Henley: Participation in any competition is up to each club member, however it I think it would fun to put together a team of our best pilots (*you know who you are*). I also want to hear if there are any other fun events our members would like to show case for the fly-in this year. Please contact me.

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## RC NEWS FROM LAS VEGAS

By Bob Boumstein

*"Not so Valuable"*



This is my 29<sup>th</sup> year selling model motors and probably the most interesting. I have been contacted as much as twice a week by prospective estate deals. Many modelers are just plain getting out of nitro, going electric. Also, it seems there are so many older guys passing away, leaving a family to deal with their hobby stuff. So I am making my annual appeal to you to make a list of what you have and set some realistic values. Need help, look on the RC sites or eBay for similar items being sold (*not what is being asked!*). I will tell you the truth about some things:

1. Your old FP 40 in clean excellent condition might bring \$35 if you can even sell it; to someone who buys to resell you may get \$15 (*bigger picture is that person may buy all your stuff for 1 price.*) Moral here is the market stinks.
2. Nobody wants to pay you for your labor, no matter how nice a job you did, that is a fact. (*Okay, maybe Dean is an exception!*)
3. Your wife already knows how much you spent.... I told her....

There is a deal in *California* right now with around \$250K (*retail*) of motors, or so the owner thinks. He will probably take \$100/125K but who would invest that into engines? I tried to explain to him that the amount of collectables he has, it will create a lesser market for that category as a whole. It must be sold carefully. If you had 5 *Morton M-5's* to sell the market right now, today is around \$1,500 for one. Two would lower the price to \$1,250 and five would crush the market, as there may not be five buyers worldwide.

So a deal like this is worth 60 to 75K or around 25% of retail due to time and effort it will take just to get your investment back.

I am in touch with Rich from Minn. (*Rocketman on eBay*) who was the big buyer at our Omaha auctions. He still sells a few hundred items each week on eBay, but agrees the market is a mess. However if you have a lot of kits that you may never build he could be your buyer. Let me know I can put you in touch with him.

Enjoy the hobby!

Bob Boumstein

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

SATURDAY MAY 17TH at MEAD  
OLD TIMERS followed by GLIDERS  
(gliders: winched, towed or powered)

Join us!

# OLD - TIMER Fun - Flys

Hosted by  
**Western R/C  
Flyers**



www.WeflyRC.org **AMA**  
AMA Card Required

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

All area flyers welcomed!



Frank Wisniski taxiing off the Mead runway in his 1/5 scale Baby Bee.



Great Wide Open Place to Fly!

**Come Fly  
With Us!**  
Only  
**\$35** Year  
AMA  
Membership  
Required



# Top Flite Stinson Reliant

## Part IV

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

The servos I ordered came in so I set the fuselage aside and returned to the wing structure to complete the flap and ailerons. The kit instructions show “center hinging” the control surfaces, with the control horns and linkages running below the outside of the wing surface. I elected to change the configuration slightly by “top hinging” the aileron and concealing the linkage within the wing structure. In order to accomplish this I decided to use the flat pinned *Du-Bro* quarter scale hinges. With *Robart* hinge points for the flap as shown in the instructions. For the flap I had to relocate the servo and make a new control horn to get the flaps to operate correctly and to eliminate any looseness in the control surface. I also had to raise the servo mounts from 3/8ths inch to 3/4<sup>th</sup> inch. I made up 1/8<sup>th</sup> inch balsa doublers to reinforce the ribs where I had to make the cut. The ailerons also require the relocation of the servo and a new control horn. I made the control horn from 1/16 aircraft ply with .010” G-10 laminated to each side for strength and rigidity.

After the aileron and flaps were hinged and linkages completed I started work on the landing lights. The *Stinson* (as many of the older aircraft) used a retractable landing light referred to as a “Grimes Light”. This setup required significantly more engineering and geometry skills than mounting them in the leading edge. The photos show the “Grimes Light” and its linkage, the light housing is the long half of an *Easter egg*. I found a couple of small flashlights that I robbed the reflectors from and fitted them with a 5mm light. To make all this work, the lights are “Y’d” to the light retract servo which are slaved to the flap servos. When the flap switch is activated, the flaps drop down, the light deploys to the down position, and the lights are turned on. The navigation lights are coupled directly to the receiver and are on any time the main switch is on.



Starting aileron construction



Bottom of left aileron with ribs added



Preliminary check of aileron throw with flat hinges temporarily installed



Attach points for Aileron Hatch covers

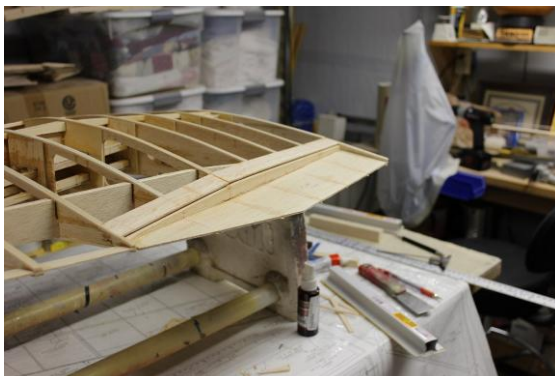
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# Top Flite Stinson Reliant Cont....



Aileron cover



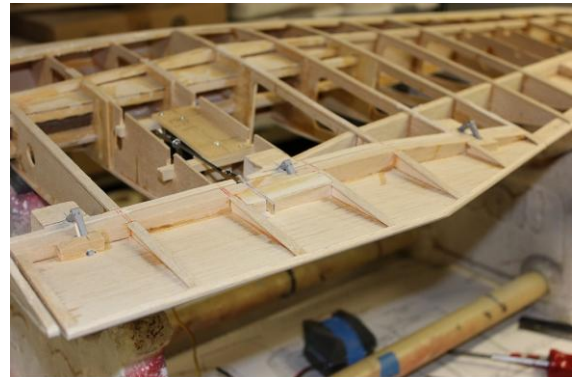
Starting flap construction left wing top view



Flap with ribs added left wing bottom view



Adding cap strips



Flap left wing with robot hinges before relocating servo



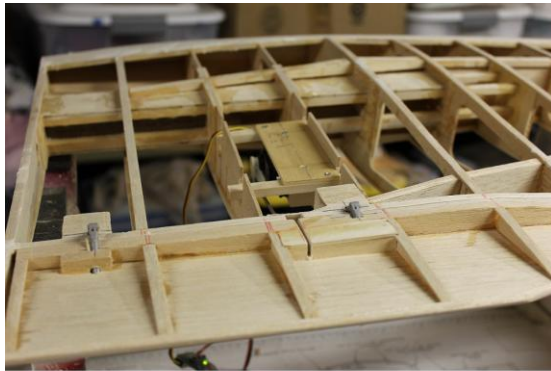
Left wing flap top view servo and horn have been relocated for better linkage geometry

Cont Page 10....

# Top Flite Stinson Reliant Cont....



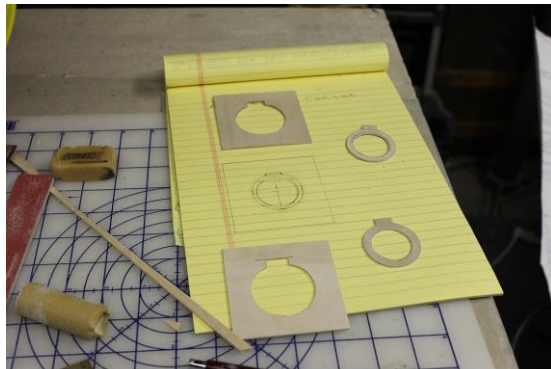
Left wing flap top view Flap in down position



Left wing bottom view with rebar hinges.



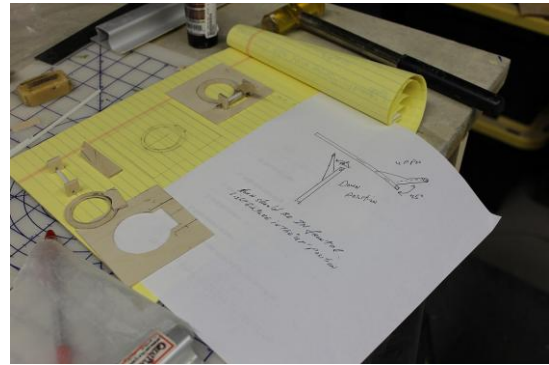
New control horn for flap and aileron made from 1/16 ply and "G-10"



Landing light ring and housing



More parts and second drawing of geometry of linkage



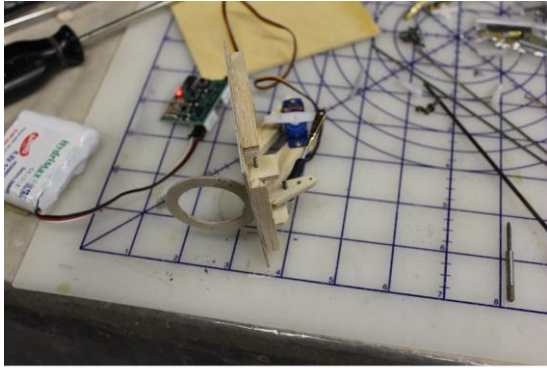
Test fit into wing servo not installed



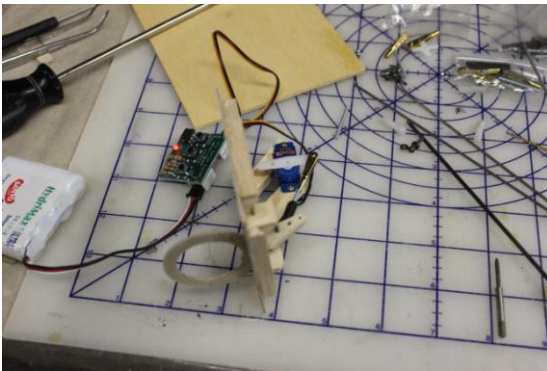
Test fit in retracted position

Cont Page 11....

# Top Flite Stinson Reliant Cont....



Light ring in "extended" position



Backside of light with "housing"



Light in extended position



Light assembly in wing retracted position



Landing light in retracted position with reflector

Anyone else remember having one of these?



(U-Control Top Flite Flight Streak)



## ~ 2014 Western R/C Flyers Event Schedule ~

**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.  
- **Saturday, May 31st** - Air and Space Museum - Static display of area clubs' model aircraft. (info to follow.)

### June 2014

- **Sunday, Jun 6/7th** - 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 13th** - 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 2nd and 3rd** - Don Neill Scale Contest. Multi-club Fun event hosted at Bud's Field.  
- **Tuesday, Aug 5th** - Club Meeting 7pm, MEAD FIELD a plane, open flying.  
- **Sunday, Aug 23rd** - Bud Hall Large Aircraft Fun Fly. Aircraft restricted to IMAA criteria. Landing fee \$10.00 provides lunch both days and flying. Rain date Aug 24th.  
- **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



## Western R/C Flyers Inc. 2014 Membership Application

Please print clearly!

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Evening Phone: \_\_\_\_\_ Day Phone: \_\_\_\_\_

Email: \_\_\_\_\_

AMA Number: \_\_\_\_\_ IMAA Number: \_\_\_\_\_ (If applicable)

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