

Skywriter

official digital newsletter of

AMA Charter Club #970

www.skymasters.org

24 year Gold Leader Club



Skymasters Radio Control Club of Michigan

it's another beautiful day at Skymasters...

December, 2016



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From the President...



Hope you had a blessed and happy Thanksgiving holiday and I want to wish you a very Merry Christmas right off the bat. We've had a great year as a club and grown and changed in many important ways. First of all, congratulations to our club officers. Re-elected to a third term you have myself re-elected as President, John Billinger as Vice President, Pete Foss as Secretary, and Jim Satawa as Treasurer. Our three At-Large elected members are; Paul Goelz, Phil Saunders and Jon Grigsby. I cannot thank these guys enough and I hope you are grateful as I am for their service. Our club is enjoying a great sense of stability, growth and positive momentum. Phil and Jim essentially switch positions for this year, Jim is now our Treasurer and Phil is taking the appointed Membership Director position previously held by Jim. As far as our appointed positions I am also happy to



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announce that Bill Pesch remains as our Park Liaison, Fred Engelman as Indoor Event Director, Ken Gutelius as Chief Flight Instructor/Chief Safety Officer and Paul Goelz continues as Newsletter Editor. We have several other appointed positions that will remain the same too.

Looking back over this past year, my second year as your club president, we completed some great works began the previous year, especially the completion of our planned phase I of our solar array and charging system. At this time, we do not have any immediate plans for expansion or change for the near future. The system adequately meets and exceeds our planned capacity and we are still tweaking and learning about what we have. I know there may be some minor maintenance and simple wire upgrades this coming year.

We purchased a new mower deck for the Kubota tractor. The new 72" Bush Hog has done a great job keeping our runway mowed and rest of the pit area, parking lot and along the driveway. We vibratory rolled the runway and pit area early this spring for over nine hours and three passes over the field. It made our runway very nice and smooth for the summer.

Our annual club events this past summer were superb. We had our Recreation 101 for Bald Mountain Recreation Area combined with an Open House that had huge crowds and great participation by Skymasters and our neighboring clubs and friends. We joined the Orion Area Chamber of Commerce this year and did very well promoting our club, field and hobby to the local community. The local ONTV, Orion Neighborhood TV produced two great videos about Skymasters. One was to feature our ribbon cutting joining the chamber and the other to promote our Open House. Both were very well done and appreciated. If you haven't seen them be sure to check them out here: [Skymasters Club on ONTV](#) and [Skymasters Open House on ONTV](#). While you're at it be sure to "LIKE" our club Facebook page here: [Skymasters FACEBOOK PAGE](#). We also have a great video about our Wednesday Potluck and Student Night that was released this summer. Check it out here: [Skymasters Student Night & Potluck - Come Join Us!](#)

Our Warbirds & Scale event was again a huge success with record spectator participation again. We've maintained a very busy and active Student Pilot roster for several years now. We are always in need of new and competent flight instructors. We have several members who could/should step up and make the commitment to give back to the club by becoming an Instructor. Contact cfi@skymasters.org, Ken, if you're interested. I want to THANK FROM THE BOTTOM OF MY HEART all our existing instructors. We have some very committed and hardworking men who often give, over and above, to work with new members and students. I can personally attest to the great feeling of working with someone in this way, but, acknowledge also, that it can be a lot of work. Thanks to all who give what they can.

Then, the over two decades old, infamous, beloved, Midwest Regional Float Fly 2016 was a huge success and even with the third year of iffy weather for part of the event, turned out great! I've heard those who love the event say... "the MWRFF is BACK". We're already planning and looking forward to that 2nd weekend in September, the weekend after Labor Day Weekend, September 9-10, 2017! I cannot mention this event though without the huge contribution of DAVE AND DAVE. Dave Shea is one of the huge reasons this event is such a huge success. His knowledge, expertise and basically four days of hands on working, coordinating, advising and overseeing makes things run so very smoothly. I hope you'll join me in thanking Dave when you see him throughout the year. The other Dave is Dave Wendt, former club president and this years' head cook. His great planning and coordinating skills had our food service operation running smooth and making a huge impact on the overall success of the event. I also want to mention Dave Stanley and Ed Saumier that worked hard for the event! I hope you will make time to be a part of the great Midwest Regional Float Fly 2017. I promise you won't regret it. Oh yeah, there are MANY other people I could thank here, like Ted, Fred, Edith, Bill, CD Greg Brausa, John, and whomever I forgot to mention here by name, as well as all the participants from all over the Midwest, I say thank you once again! See you there in 2017!

Before I forget, I want to take a moment as I do each year, to reflect (on myself) over the past year and offer a heartfelt apology if I have hurt or offended you in any fashion. I know sometime feathers can get ruffled and passions run high and sometime we can really be mean to one another. I want to ask your forgiveness and hope that we can recommit to working things out and doing what is best for our club and members. I know that has been my guid-

(Continued on page 3)

Front Cover: Yes, you can see through it! Flies light as a feather because.... it is light as a feather!

(Continued from page 2)

ing principle with everything I've done as president of Skymasters is to take in to consideration and literally ask "what is best for the club?" We've made some hard decisions had to confront people I love, have confrontations, which I hate, but, I think in the end everything has worked out for the best. I could not do what I do for this club without all the great people in this club, AND you are the reason I truly enjoy giving my time and talents to be a part of the leadership of Skymasters. We are very fortunate at Skymasters. I hope that you'll reach out and extend a warm welcome to your family, friends and neighbors to join our club. We need to keep growing and encourage the youth to check out this great hobby that can teach them so much.

Special thanks and congratulations to all our new club members that joined us new or transferred from another club in 2016. We are so glad you chose Skymasters. Thanks to our Newsletter Editor, Paul Goelz who tirelessly works behind the scenes to produce our world class monthly club newsletter, The Skywriter, read by thousands of people each month and one of the few monthly newsletters with world class articles by Steve Kretschmer and Joe Finkelstine. We're looking forward to adding a new contributing writer, Waldo Pepper in the coming months and always looking for your input and contributions, even just some great photos! Don't miss Steve's column, Some Assembly Required as he begins a several part series on something exciting being planned for this coming June!

See the information in this newsletter about the "President's MAD..." meeting attendance drawing... In an effort to encourage winter meeting attendance for our club meetings, each time you attend a meeting you get an entry in a drawing for a great prize in the spring. Then don't miss our first meeting of 2017, Thursday January 12, 6:45PM. We have Andy Low from Electrodynamics, don't miss this. We will also be doing a packing project for the Troops Need Love Too group in late January or February at one of our Club Meetings. More on all this coming soon!

Lastly, I want to make sure that I tell you the single most important part of our club and the number one ingredient for its success. **You...** every single one of our members. I hope you realize how much you are appreciated. We have over 225 members and each contribute something. We have a huge portion of our club that have given their blood, sweat and tears to build our great club and then those who are currently running things in our club. We all hope we are doing it justice. We have those who are very involved in all the things our club does and those who just want a place/field to come and fly at, no more. Either way is fine. I want you to know our club is better for you being a part of it. I do believe this and I hope you experience a very warm, welcoming, friendly, positive, hospitality-centered club that works to promote this great hobby that brings us together....

I will see you next week at the Skymasters Christmas Party then at the Krazy Snow Fly!



Bob Chapdelaine,
President, Skymasters RC



President's MAD

From Flightline & Skymasters

Skymasters Members

2017 Meeting Attendance Drawing



\$100.00 Cash Gift Certificate to Flightline Hobby
Drawing May 31, 2017
Earn 1 Entry per Club Meeting Attended and 1 Entry per Show and Tell

Entries must be filled out at each meeting and submitted then. Official Entry Tickets available from President Only. Limit 2 per meeting maximum.
Other ways to earn entries are to submit and have published an article for our club newsletter, volunteer for a club activity

Propwash

By

Joe Finkelstine

December 2016



Fidelity

Hi All,

Well, I have been absent for a long time now by making my normal summer vacation from this column extend a few additional months. I was still out of ideas at the end of summer as the flying season which normally fills me full of topics, left me a little high and dry.

I have been bantering around a topic for a while now as well as remembering that I have written on this topic before. Frankly, I have been writing in this column for well over a decade so brand new topics will be a bit rare for me moving forward - I always seek input from those of you who have an idea to share with me to pontificate on, so feel free to bend my ear.

Anyways, now that my preamble is complete, I wanted to discuss the term **fidelity** and one interpretation of it in our hobby. Fidelity as defined in a random online dictionary I consulted has several meanings so I will focus on the definition of fidelity as "adherence to fact or detail".

Back in the dinosaur age when I joined this hobby and club (same time), the place of scale planes was more significant in our hobby than it is today. Back in those pre-historic days any plane larger than .60 cu in. (10cc for you gas types) was considered a giant and most scale planes were a significant investment in building time, easy doubling to tripling the build time of a common sport plane of the time. No scale ARFs of any kind were really available and even if they were they would have been shamed out of existence back in the 1990's - Building and craftsmanship were of a different mindset back then. Notice I did not say "better" in my last few statements - I don't believe that the hobby or any aspect of it is anchored in a single "better" - our hobby continues to evolve over time and new marks of excellence emerge with it.

Back then, one of the major RC meets of the year was "Top Gun" and contrary to the name it was not an aerobatic shoot out contest (like our corn roast "top gun"), but rather an invitation only scale contest where each entry was already a proven winner at regional events. Early rules were that the pilot also had to be the builder (team events were for separate pilot and builder) and the planes built and flown were works of art that must

have taken hundreds, or perhaps thousands of hours to build. Each entry was judged on its "fidelity to scale" and also on flying scale maneuvers (sorry guys, no blenders or hanging on the prop back then). To win this event would be the closest thing to an Olympic gold medal in our hobby - only the most dedicated and talented were invited. Skymasters has had a few invites over the years BTW, and they represented us well. Top Gun has faded into less relevance nowadays although it is still held each year.

When these builders went about the task of building and developing these beauties, they would often start at the end - These builders knew that Scale building was about **replication**, not **authentication**. They would choose a subject they really liked, gather documentation, study the documentation and build to the documentation. This might seem a bit backwards, as we might think to build a plane, then go about finding documentation to support what we just built - In a judged contest like Top Gun, this would spell disaster and would be quickly ousted by the judges.

Fidelity to these pilots was an intense study and effort to bring in the hundreds of details that make a great looking plane. Many of these builders back then (and now) become historians as an offshoot of the research they take on. Many like this aspect as much as building. Some of you are aware that I also build plastic (static) models of planes (as well as armor and cars) and the definition of fidelity is typically much more intense in that hobby. Unlike RC, the plastic hobbyist's primary driver is usually fidelity to scale. Some of the finished plastic planes I see done in magazines and some of the shows I attend are astounding in their appearance. Some modelers have devoted several hundred hours invested in a plastic model to make it true to their notion of the full scale, although this is not the norm. For the most part, the plastic builders have a substantially more intense definition of true to scale (I.E. Fidelity) than we do. Many of our RC planes are quite standoff scale, where they lack any detail beyond what we could see from 10-20 feet away - so which viewpoint on fidelity is true?

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They both are.

My primary point of this whole article is that if you choose to undertake a "scale" RC plane, what matters the most is the definition of fidelity that you want to live with - it is OK to go all out, or just make something that "kind of" looks like a full scale plane.

I have seen the pursuit of intense fidelity burn several people out, particularly when authentication is debated. There is a somewhat unkind term for these types of people and it is called "rivet counter" - It implies that this pursuit of fidelity is to the point where the "rivet counter" will count the number of rivets your plane has for a given line. I have read threads in the online plastic forums between several individuals arguing about the correct interpretation of a German Luftwaffe RLM color - I just have to smile at this. These color pigments were specified out locally over 75 years ago and we have no direct way to really prove anything - color photographs of the era have all faded, specifications calling for certain chemistry does not allow us to find or use the same batch of minerals that was sourced 75 years ago. These fidelity arguments forget the basic premise - scale fidelity is not about authentication - it is about replication - this basic premise has been almost completely lost on these individuals.

I also suspect that more than one got tired of the constant debating and disengaged at a minimum, or left the hobby completely - I have seen this similar behavior in RC as well, although not as intense. My argument is that when comes down to the "proof" of almost everything in

scale, it is nearly impossible to prove anything to the degree of "certainty" that would be defensible.

My suggestion is to not waste your time with this and keep your interest higher. When I built my 1/32 scale Me-262 plastic model, I grabbed a bottle of paint the manufacturer said was German RLM 72 and used it as-is - Many have seen this model, and no one has ever argued my RLM 72 is not correct (not yet anyways).

I build my plastic models to the fidelity my eyes, fingers, patience, and skill allow - sometimes more intense (like the cockpit) and other places much less so on the model - For example, I typically do not add major detail to the landing gear bays - no one will ever see it!

Scale RC planes are still very popular (come to our scale and warbirds event if you don't believe me) and I would encourage all to build at least one in your time in the hobby.

I keep dreaming of my next scale project - a Zivoli 1/5 scale Dauntless with a Radial gas engine. I can't let go of that combination - biggest problem is the cost - it is more than my big Extra gasser I fly :(

Steve K adds a column each month to our newsletter each month now to help all of us in the fidelity department - You may surprise yourself with how good you get at replicating something - Just take it easy on the authentication - Believe me, I will be OK with your rendition of RLM 72

Joe Finkelstine

**DON'T
DELAY
COME
FLY
WITH US
TODAY!**

We will teach you to FLY

Who: Skymasters RC Club of Lake Orion, MI

What: Come watch us fly or join & learn to fly

Why: Great family fun! Fun for all ages - open to the public

Where: West Scripps Road between M-24 & Joslyn (part of Bald Mountain Recreation Area)

When: Daily, weather permitting - check our website for airshow events



AMA Charter Club #970



modelaircraft.org



Accentor Wing

Last month I mentioned that this article will begin a series on my winter build projects. But there is more to it than that. This June, probably June 17th, the club will be holding a new (informal) 1/2 day event for the control line fliers in our club and possibly other local "ukie" fliers. Jim Satawa and I will be organizing and running the event. We're planning to have a circle at each end of the field and an area in front of the peanut gallery where anyone can try their hand at flying one of two 1/2A trainers that Jim S. is building. Should be fun to watch.

Back in the 1950's I flew control line but I haven't had one to fly for about 60 years. So this winter's build will be a plane for the June event. It is an early 1950's vintage stunt model with flaps called the Accentor. The Accentor is a slightly modified version of the Bob Palmer Pow Wow. I chose that model for a couple of reasons. First because of its heritage, second because it has a built up fuselage that is longer than the Pow Wow (you'll find out next month why that is important) and third the kit is currently available from Brodak for \$65.

<http://brodak.com/control-line-kits/brodak.html?dir=asc&order=price&p=3>

If you are looking for control line models and supplies Brodak pretty much has everything you'll need. In addition to the Accentor they have many kits and ARFs from 1/2A trainers to .60 size modern stunters. I believe that Flightline Hobbies can get what ever you need from Brodak or other sources.

The Accentor is intended for .35 to .46 size engines, is a die cut kit (not laser....vintage remember) with excellent step-by-step instructions and U.S. hardware.

This article will not be a retelling of the instructions but I will discuss a few techniques that I used and highlight some important control line model issues.

We are going to start with the wing. The first thing you need to know that a control line wing **MUST** be built straight (there's no servo trim). That means your build surface must be flat and have no twist. The instructions show you how to use an alignment strip. It is easy, it works, so use it. In a ukie there are lead-out wires that go from a bellcrank out through holes in the ribs and out of the left wing tip. I slightly enlarged the holes in the ribs to better clear the lead out wire plus I modified the rib at the bellcrank location to provide more bellcrank clearance.



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When you get to the step where you are to make and reinforce a splice in the leading edge strip, you need to narrow the plywood reinforcement strips $1/16"$ to allow a proper fit of the leading edge sheeting in a later step.

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Rib modifications

When I am ready to glue the ribs to the lower spar I don't pin anything. Instead I have two blocks that I use to align each rib over the plans and glue one at a time with CA.



Rib alignment



Narrow the leading edge reinforcement

There is a VERY important item that is not really shown on the plans. That is the connection of the lead-out cables to the bellcrank. The kit includes some short pieces of copper tubing meant to be used to make a crimped joint but no details. Here is how I do this crimp. First, I took an old pair of wire nipper pliers and blunt the cutting edges to about a $1/32"$ radius with my Dremel grinder.



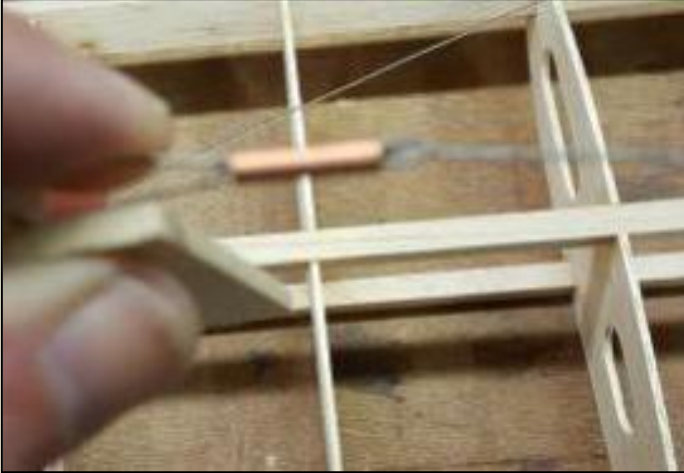
Blunted nippers

To make the lead-out wire connection, thread the cable through one of the copper tubes, then

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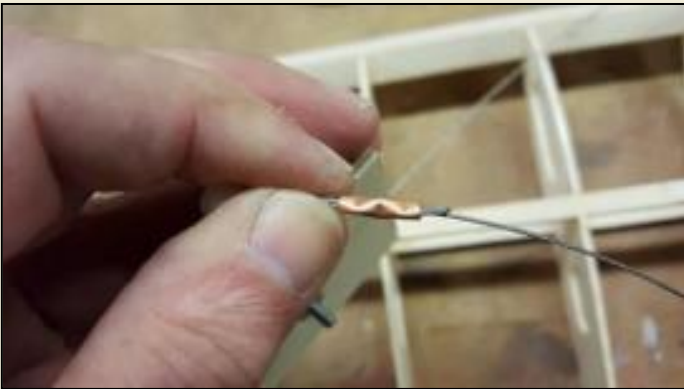
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through the hole in the bellcrank and then back through the copper tube to make a teardrop shaped loop about 3/4" long. Next, feed the cable back through the tube a third time and pull it snug enough to leave a 1/8" teardrop shaped loop. There are now 3 strands of cable going through the tube.



Lead-out connection (sorry its blurry)

Now, using the blunted nippers firmly crimp the tube in 3 locations.



Crimped lead-out wire

The attachment of the bellcrank to the wing in a control line model is probably the highest stress location in the model. I had one fail looong ago and have made it a practice to reinforce this critical joint. In this case I made a gusset out of 1/4" scrap balsa.



Bellcrank reinforcing gusset

When you install the bellcrank make sure you put some glue on the screw threads.

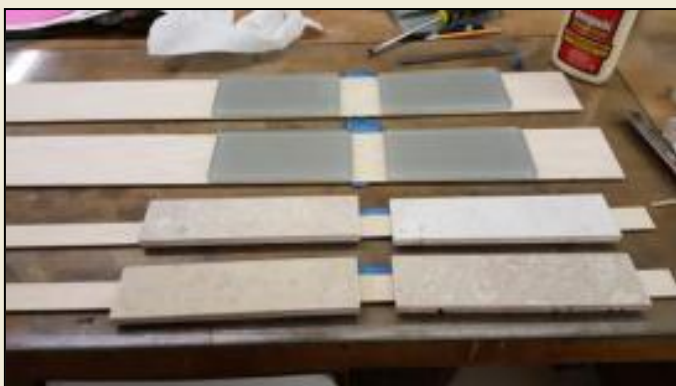


CA the bellcrank fastener

When you are to the point where you are ready to sheet the leading and trailing edge you will find that you have to splice the sheets. I've never seen this in a kit before but I guess they can make the box smaller by doing it. So square up the ends of the pieces, butt them together, and tape the joint. Fold the tape joint open and apply yellow carpenters glue to the edge. Flatten the joint out and use a dampened paper towel to remove any excess glue. Put some weights on both sides of the joint to keep things flat. When dry remove the tape and block sand the joint until it is perfectly smooth and flat.

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Butt glued sheeting

Sheet the top and bottom as described in the instructions. Be absolutely certain to use the alignment sticks per the instructions. To make sure that everything remains flat and straight in this process I use weights. The weights are pieces of wall tile from another project.



Wing sheeting with weights

Complete the wing per the instructions making double darn sure that you get the lead-out guide tubes in the left wingtip properly located. Their location aids in keeping tension in the control lines.

Use light weight filler to fill any gaps, dings and pin holes. Carefully block sand with 220 grit then final sand with 320. Use a light hand as the wood is soft (light).

Now add 1oz. of weight to the right hand wing tip to counteract the weight of the control lines on the left side of the plane. 11 pennies weighs about an ounce so I glued them inside of the right wingtip structure.



1oz. wing tip weight

The final step is to finish the ends of the lead-out wires. The process is similar to what we did at the bellcrank except the wire will be wrapped around a small brass eyelet and the copper tube must be pulled up tight to the eyelet before it is crimped. As with the bellcrank end the wire makes 3 passes through the copper tube with a 1/8" loop on the end opposite the eyelet. This takes some fiddling as the parts are small and the lead-out material is a little stiff. I use 2 finishing nails in a small wood block to hold the eyelets as I wrap the wire around twice.

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Wrapping lead-out wire around eyelet

Try your best to keep the two lead-outs the same length.



Finished lead-outs



Finished wing

So that's it for this month. Next month we'll build the fuselage but we'll be incorporating something unusual. I think you'll like it.

Steve

REMINDER!

If your vehicle license plates are coming up for renewal, don't forget to check the "Recreation Passport option" box on your application. It only costs \$11 and in addition to granting vehicle access to the Bald Mountain Recreation Area and our field, it also gives you access to 103 state parks and recreation areas, 138 state forest rustic campgrounds, and numerous free family-friendly events, as well as parking for hundreds of miles of trails and fee-based state boat launches. [Here's a link to the official web site for more information.](#)

Indoor flying

At Ultimate Soccer

Click anywhere in the collage to view the entire photo album on the Skymasters web site



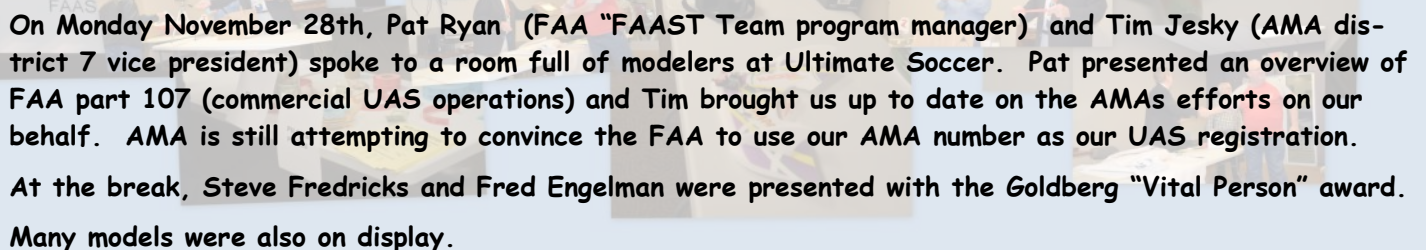
Skymasters Meeting

Thursday, November 10th

Click anywhere in the collage to view the entire photo album on the Skymasters web site



Click anywhere in the collage to view the entire photo album on the Skymasters web site



Help Wanted:

Skymasters RC Club of Lake Orion is looking for people to fill several positions. Some long term some short term. Open positions available are:

Staff Photographer: work with Webmaster and Newsletter Editor to photograph club meetings and events and submit for publication and upload to the club website archive.

Staff Writer: need individuals who attend the many various Skymasters events, and document the event by writing an article for the club Newsletter the Skywriter. Writers don't need to attend everything and are welcome to contribute by writing some general interest articles also.

PR/Promotions: looking for Skymasters to help on promoting our upcoming summer events in various ways, such as distributing flyers and brochures in Lake Orion and surrounding communities. Looking for a few Skymasters who would sit at a table with a couple of display aircraft and give out brochures etc. (like outside of Kroger in Lake Orion etc.) a few days this summer.

Grill Chef: we are always looking for help to perform one of the most important tasks of our club... keep us well fed. Our Chief Cook, Bill Dezur is on sabbatical for some of our events this year we are looking to fill some key positions for some of our big events. Shift work available and you can eat for free. We will need help at our Sunday May 15 float fly and Wednesday June 15 fish fry as well as many other infrequent opportunities. Your help is appreciated.

Sanitation Engineer: keeping our flying field looking nice involves everyone's hard work constantly picking up around the field. We need someone or several people who will just take it upon themselves to just sweep the cement area under the pavilion as often as possible. Along with this task and also asked of all members is to take home the trash from the trash bins at least once per year. Anyone who is able to do this we are grateful to. Seems like a simple thing except when you show up at the field the morning of an event and both trash cans are over flowing. We need your help to keep the trash flowing! We have several places we can dump the bags of trash, locally, **the problem is transporting them from the field to those dumpsters.** Not all of us have trucks that can easily do this. Please do not try to take the trash home in your car or SUV even if you double bag it because it will leak.



Watch for more Job Postings in the Skywriter

Indoor Electric Flying

Every Tuesday



At Ultimate Soccer Arenas

867 South Blvd., Pontiac MI 48341

Pilots - current AMA required. Visitors Welcomed.

25 - 3hr. Sessions

75 Hours of Fun Flying

Season Pass - \$110 for all 25 winter sessions

That's less than \$1.50 per hr. Our Best Deal

5 Flying Sessions - Punch Card - \$35

That's \$7.00 per session

Single Sessions - \$10 at the door

[On-line registration is open now for Season Pass and Punch Cards !](#)

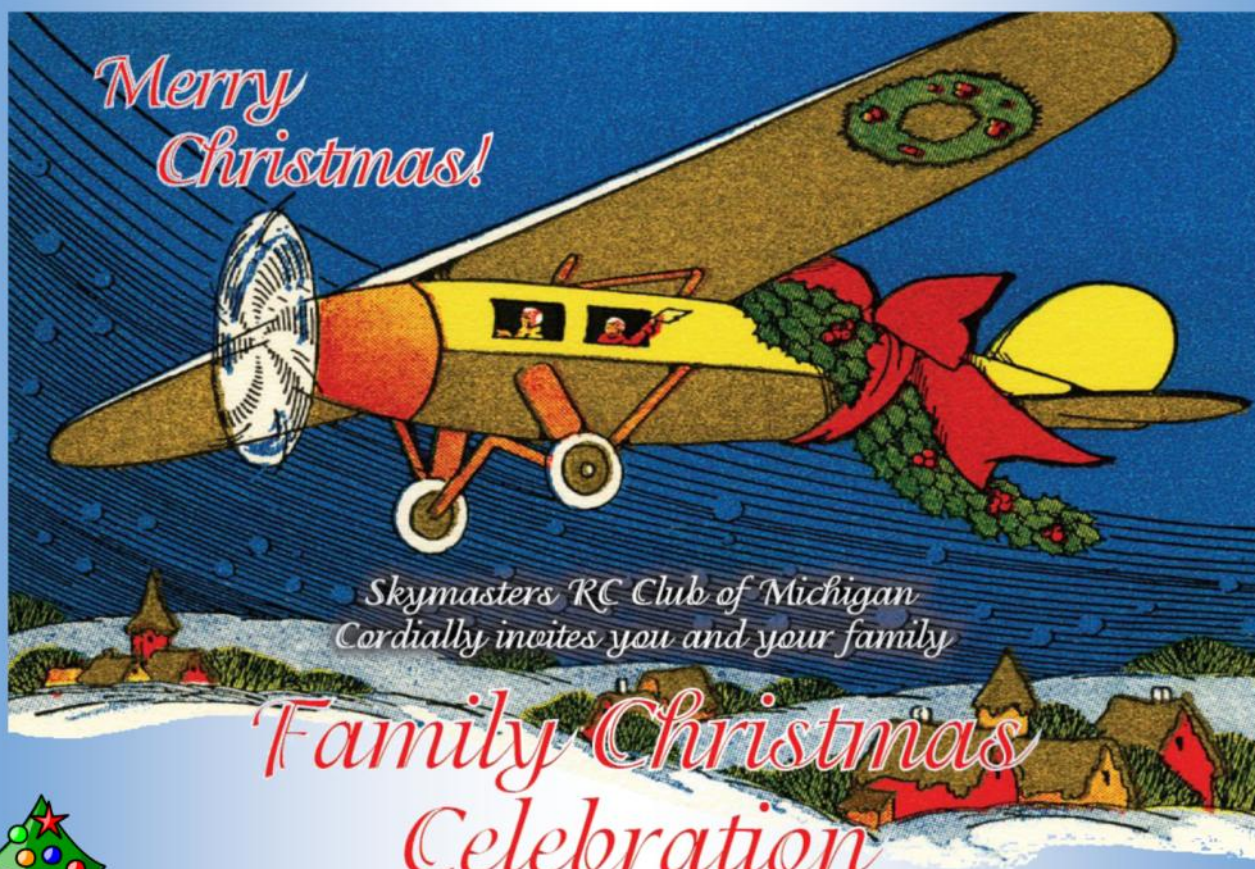
SKYMASTERS

Would like to thank



*For the finest indoor
flying venue in Metro Detroit*





Thursday December 8th



The Orion Center, 1335 Joslyn Road Lake Orion, MI 48362

Appetizer at 6:00 p.m. followed by dinner at 6:30 p.m.

Please bring a dish to pass.

Please RSVP you, your family members and dish(es) your bringing to:

christmasparty@skymasters.org or call 248-420-5316

Please email names and ages of children under 13 years of age that will attend to

santa@skymasters.org



Bring Your Aircraft for Static Displays Too!



"HOLIDAY BREAK"

ULTIMATE INDOOR FLYING EXPERIENCE

Tues. Dec. 20th from 10AM-1PM for \$10

Bring a Toy for the Holiday Gift Drive & Fly Until 2pm!

Thur. Dec. 29th from 10AM-1PM for \$10

at Ultimate Soccer Arena, 867 South Blvd., Pontiac, MI

**Take a break from work and enjoy indoor flying
at the best indoor flying site in the Area. Bring the family.**

Spectators Free

Season Passes and Punch Cards Honored



**Visit Skymasters at
www.skymasters.org**



Skymasters Winter Indoor Flying Schedule for 2017

January:

**Tue. 3rd
Tue. 10th
Mon. 16th
Tue. 24th
Tue. 31st**

February:

**Tue. 7th
Tue. 14th
Tue. 21st
Tue. 28th**

March:

**Tue. 7th
Tue. 14th
Tue. 21st
Tue. 28th**

April:

**Tue. 4th
Tue. 11th**

All Pilots must have proof of current AMA Membership

The 8th Annual Holiday Gift Drive

With the support of Skymasters and all the Indoor Pilots at Ultimate Soccer Arenas

Once again the staff at Ultimate Soccer Arenas and the Indoor Pilots are helping the needy children of the community with a toy collection campaign. A wrapped (with a label with gender and age) or unwrapped gift can be left at Ultimate Soccer Arenas. Continuing the tradition let's make Tuesday December 20th the day that Skymasters and all the Indoor Pilots make their contribution.

For each gift (wrapped or unwrapped) having a value of \$10.00 or more the person making the donation will receive a drawing ticket.

**Make Christmas at Ultimate Soccer Arenas
even more memorable for those in need!**



**Pilots bring your gifts on
Tuesday, Dec. 20th
& Fly for a Bonus Hour**



100% of Your
Donation
Goes To The
Salvation
Army





Skymasters RC Club Presents

BATTERY TECHNOLOGY AND MORE

all things lithium and electrons-electronics and new battery technology in our RC hobbies. Andy Low of ElectroDynamics will be our guest presenter to share with us everything you ever wanted to know about Lipo; A123; LiFe; and all lithium based batteries we use in our aircraft.

*Join our Skymasters bi-monthly (2nd & 4th Thurs) club meetings
Open to the public—Coffee and Donuts provided
Bring your work for show and tell—win a drawing!*



Andy Low
President-Owner of ElectroDynamics, Inc.

Home of "No-Hassle" RC Electronics
ED-Nano—Complete A123 battery systems everyone can enjoy!
<http://www.electrodynam.com>

What:

Skymasters RC Club Meeting

Who:

Presenter: Andy Low, Owner, President ElectroDynamics, Inc.

When:

Thursday January 12, 2016 — 6:45 p.m.

Where:

Orion Center Room A—1335 Joslyn Road, Lake Orion, MI 48362



ElectroDynamics
& More!
ELECTRONICS FOR THE DISCERNING MODELER



www.skymasters.org



Open To
The Public

Skymasters RC Club

Krazy Snow Fly



Saturday December 31, 2016

Flying begins at 10:00 a.m.

Scripps Road Flying Field

field is 4.8 miles north of the Palace of Auburn Hills on West Scripps Road
1 miles west of M-24 and 1 mile east of Joslyn Road



"PERSONALLY, I DON'T BELIEVE ALL THOSE STORIES YOU HEAR ABOUT FANATICISM IN THIS HOBBY!"

❄ open to the public | come and see this exciting hobby!

❄ flying open to AMA members—pilot prizes

❄ refreshments & Paul's world famous chili

❄ bonfire | restrooms available

❄ contact: Paul Zabawa 810-678-3332 for more info



**NEW
YEAR'S
EVE**



Two Great Clubs, One Great Event!



PMAC & SKYMASTERS SKYMASTERS & PMAC Swap Meet

9:00 a.m. – 1:00 p.m.
Setup begins at 8:00 a.m.



Saturday
March 4, 2017

Design ~ ©George Dzahristos 2016

General Admission: \$5.00 | women children active military - free
coffee, donuts, lunch & refreshments available
Handicapped accessible

Reserve tables here: www.skymasters.org/

Vendors & Table Rental email to:

swaptables@skymasters.org OR swaptables@pmac.org
each table includes 1 admission | setup begins at 8:00 a.m.

Tables: \$20 main floor | \$25.00 outer wall

GREAT NEW LOCATION!

St. George Church / Cultural Center

43816 Woodward Avenue – Bloomfield Hills, MI 48302



WWW.SKYMASTERS.ORG • WWW.PMAC.US



2017 CLUB EVENTS

SKYMASTERS RC CLUB – LAKE ORION, MI



January 2017

February 2017

March 2017

Saturday March 4 – Swap Meet

April 2017

Saturday April 22 – Involvement Day – Bald Mountain, Main Park

May 2017

Saturday May 13 – Field Opening/Work Day – Scripps Road Flying Field; Lake Orion

Sunday May 21 – Spring Float Fly [Chet Brady] – Bald Mountain Trout Lake; Lake Orion

Wednesday May 31 – Student Flight Training & Potluck begins – Scripps Road Flying Field; Lake Orion

June 2017

Wednesday June 14 – Fish Fry Dinner & Member Appreciation – Scripps Road Flying Field; Lake Orion

Saturday June 24-25 – Electric & Night Fly In – Scripps Road Flying Field; Lake Orion

July 2017

Saturday July 15 – Open House - [Recreation 101] – Scripps Road Flying Field; Lake Orion

August 2017

Sunday August 6 – Warbirds and Scale Fly In – Scripps Road Flying Field; Lake Orion

Sunday August 27 – Corn Roast and Top Gun Flying – Scripps Road Flying Field; Lake Orion

September 2017

Sat & Sunday September 9-10 – Midwest Regional Float Fly – Island Lake State Park; Brighton

Saturday September 23 – Skymasters Fun Fly – Scripps Road Flying Field; Lake Orion

October 2017

Tuesday October 24 – Indoor Flying Season Begins – Ultimate Soccer Arenas; Auburn Hills

November 2017

December 2017

Thursday December 7 – Christmas Party – Orion Center; Lake Orion

Sunday December 31 – Krazy Snow Fly – Scripps Road Flying Field; Lake Orion

****all dates subject to change – PLEASE always consult current information on website: www.skymasters.org****



2016-17 Board & Club Meetings

SKYMASTERS RC CLUB – LAKE ORION, MI



October 2016

Thursday October 6 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday October 13 – No Meeting

Thursday October 27 – Club Meeting Orion Center 6:45 p.m. – Room A

November 2016

Thursday November 3 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

*Thursday November 10 – Club Meeting Orion Center 6:45 p.m. – Room A *[elections]*

December 2016

Thursday December 1 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday December 8th – Club Meeting Orion Center 6:45 p.m. – CHRISTMAS PARTY

January 2017

Thursday January 5 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday January 12 – Club Meeting Orion Center 6:45 p.m. – Room A

Thursday January 26 – Club Meeting Orion Center 6:45 p.m. – Room A

February 2017

Thursday February 2 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday February 9 – Club Meeting Orion Center 6:45 p.m. – Room A

Thursday February 23 – Club Meeting Orion Center 6:45 p.m. – Room A

March 2017

Thursday March 2 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday March 9 – Club Meeting Orion Center 6:45 p.m. – Room A

Thursday March 23 – Club Meeting Orion Center 6:45 p.m. – Room A

April 2017

Thursday April 6 – Board Meeting Orion Center 6:45 p.m. – Multi-purpose Room LL

Thursday April 13 – Club Meeting Orion Center 6:45 p.m. – Room A

[EOC/Board Meetings = 1st Thursday/Month | Club Meetings = 2nd & 4th Thursdays, typically]

Orion Center 1335 Joslyn Road – Lake Orion, MI 48360

ON THE WING

Skymasters Breakfast

(Everyone is welcome)

First and Third Monday of each month
through the summer... and beyond!

9AM

Red Olive restaurant
In the strip mall on Walton
across from Crittenton Hospital
Rochester MI

Skymasters Indoor Flying

We fly every Tuesday

10AM to 1PM (Yes, three hours) at
Ultimate Soccer, Opdyke and South Blvd

Pontiac, MI

AMA required

See the Skymasters web site for details

Next Skymasters Meeting:

Christmas Party

Thursday, December 8th

6:00PM

at the Orion Center, 1335 Joslyn Road
(on the east side of Joslyn, just south of Clark-
ston Road), Lake Orion, MI



Other local area indoor flying sessions

Premiere Sports Center

14901 23 mile, Shelby Twp, MI
(northwest corner of 23 mile and Hayes)

Every Thursday, 9AM to 3PM

Electric planes and helis (separate heli space)

\$10/session, AMA required

Info: Steve Durecki 586-246-4203 (text or voice)

<http://www.stevesindoorflying.com/>

Legacy Center

9299 Goble Dr.
Brighton, MI 48139

(Off of Winans Lake Road, between Rickett
Rd. and M23)

*Wednesdays 1PM—3PM November through
March*

\$10/session

Sponsored by the Hamburg Flyers RC club

December 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Indoor Flying 9AM—3PM Premier Sports Center Shelby TWP	2	3
4	5 Skymasters Breakfast 9AM Red Olive, Rochester Hills	6 Indoor Flying 10AM—1PM Ultimate Soccer Pontiac	7	8 Indoor Flying 9AM—3PM Premier Sports Center Shelby TWP Christmas Party 6:00PM Orion Center	9	10
11	12	13 Indoor Flying 10AM—1PM Ultimate Soccer Pontiac	14	15 Indoor Flying 9AM—3PM Premier Sports Center Shelby TWP	16	17
18	19 Skymasters Breakfast 9AM Red Olive, Rochester Hills	20 Indoor Flying 10AM—1PM Ultimate Soccer Pontiac	21	22 Indoor Flying 9AM—3PM Premier Sports Center Shelby TWP	23	24
25	26	27 Indoor Flying and Toy Drive 10AM—1PM Ultimate Soccer Pontiac	28	29 Indoor Flying 9AM—3PM Premier Sports Center Shelby TWP Indoor Flying 10AM—1PM Ultimate Soccer Pontiac	30	31 Krazy Snow Fly 10AM Scripps Field (Snow or shine)

Skymasters Information...

[The Skymasters field is located in Lake Orion, within the Bald Mountain Recreational Area](#) on Scripps Road, between M24 and Joslyn (see map). A recreation passport or sticker is required and can be obtained from the Park Headquarters located on Greenshield Road or you can check the box on your tab renewal for a "Recreational Passport".

Flying hours:

QUIET ELECTRICS ONLY from 8AM to 10AM and 8PM to 10PM.

The noise limit is 80dBa at ten feet.

Regular flying is permitted between 10 AM to 8 PM. **The noise limit is 94 dBa at 10 feet.** These noise

limits are enforced.

Wednesday evening (through August) is Family Night with flying and a pot luck buffet. Bring something for the grill & a dish to pass.

Wednesday 5PM to 8PM is also Student Night (through August)

Meet the instructors and arrange for more instruction time together on other days. Our Chief Flight Instructor is Ken Gutelius, 248-892-2943, cfi@skymasters.org

From June through August, club meetings are held at the field, on the second and fourth Wednesday of the month at 8 PM. A great chance to fly and socialize. **Winter meetings**

(September through May) are held at the Orion Center, 1335 Joslyn, in Lake Orion. Check the calendar here or on the [web site](#) for specifics. Bring a model for Show and Tell, enjoy coffee and donuts and listen to the speaker of the evening.

The Skywriter newsletter is available online at the Skymasters web site and is free to all. It may also be printed from the web site if desired. All contributions are welcome. Please send photos and articles to newsletter@skymasters.org If you know of anyone who may be interested in R/C Aviation, please give them a link to this newsletter or give them a copy of an AMA magazine. It may spark their interest!



2017 Club Officers & Appointees...

President:	Bob Chapdelaine	Oxford	president@skymasters.org
Vice Pres.:	John Billinger	Troy	vicepresident@skymasters.org
Secretary:	Pete Foss	Oxford	secretary@skymasters.org
Membership:	Phil Saunders	Rochester Hills	membership@skymasters.org
Editor:	Paul Goelz	Rochester Hills	newsletter@skymasters.org
Treasurer:	Jim Satawa	Lake Orion	treasurer@skymasters.org
CFI	Ken Gutelius	Lake Orion	cfi@skymasters.org
EOC at large	Jim Satawa	Lake Orion	at.large2@skymasters.org
EOC at large	Jon Grigsby	Ortonville	at.large3@skymasters.org
EOC at large	Paul Goelz	Rochester Hills	at.large1@skymasters.org

Newsletter Submissions

Please send all articles, photos and announcements to the Skywriter editor at:

newsletter@skymasters.org

Deadline is the 20th of each month.

The Skywriter newsletter is published monthly by the Skymasters Radio Control Club of Michigan

www.skymasters.org