

official digital newsletter of

Skywriter

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, 2018



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Club Elections!



Congratulations to our newly elected (volunteer) club officers, President Bob Chapdelaine, President (5th term), Vice President, John Billinger (5th term) Secretary, Phil Saunders (5th term*), Treasurer, Jim Satawa (2nd term*). We also elected three At Large members; Steve Kretschmer, (1st term), Pete Foss, (many years in leadership!) and Dave Stanley (1st term). Thanks to Paul Goelz who has served on the EOC for the past four years who did not run for re-election but will continue to be editor for our world class monthly newsletter, the Skywriter. We also thank Jon Grigsby for serving the past four years as an at-large board member who also did not run for re-election.

I just want to thank our EOC (Executive Operating Committee) and those others (event directors, past club officers etc.) who meet monthly, all volunteers, who dedicate their time to keep our club running smoothly.

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Dues Increase!

At our November Club meeting besides electing our 2019 club officers, club treasurer, Jim Satawa gave an excellent presentation of club finances and the club voted and approved to raise club dues by \$5.00 for 2019 which went into effect. So, our membership dues are now \$80.00 per year. Initiation and late fees are now at \$40.00. I think the best part of the presentation was all the benefits of being a member of our club! I want to thank everyone who have already renewed their memberships and we still have a large portion of our renewals in December and January!

Frank

We lost a great member of our club, (last month) not that all our members aren't great but Frank Genovese was one of the best! Frank is responsible for me being a part of the club. Frank brought me and Fr. Mike Green O.S.B. into the club back in 2011 when he brought us to the Crazy Snow Fly on New Years Eve day. Fr. Mike and I became Skymasters shortly after that, attending our first club meeting at Larsen Elementary and starting as students that spring. Many of us have already had great conversations about how to best celebrate Frank and his love for our great hobby. We'll do something this spring to honor him at our field which is something I know Frank would appreciate!



Indoor Flying for 10 Years

Indoor is celebrating TEN YEARS of the best INDOOR FLYING and that is a HUGE ACCOMPLISHMENT and I want us to CELEBRATE THAT!

There have been a lot of guys that have contributed to the success of Skymasters Indoor Flying at Ultimate Soccer Arenas for the past 10 YEARS and on behalf of the whole club and all those participants I cannot say THANK YOU ENOUGH!

Fred Engelman has put out information about CELEBRATING 10 YEARS OF INDOOR FLYING - TUESDAY DECEMBER 18 - I hope you'll be there if possible. That is also the holiday toy drive an important and worthy cause that Skymasters supports each year. Please try to be there this day. Your support of Indoor Flying is an important part of our club. Consider taking some time and heading over to a Tuesday Indoor Session! Check out the Indoor Flying information here [Skymasters Indoor Flying](#).

Christmas Party

The Skymasters Family Christmas Party is coming up quickly, mark your calendar for MONDAY December 17 at 6:00 p.m. at the Orion Center. It is a potluck dinner. Please be sure to let Tracie Hoover or Pet Foss know what dish you will be brining and any children coming ages up to 12 years old.

It's another beautiful day at Skymasters!

Handwritten signature of Bob Chapdelaine.

Bob Chapdelaine

President, Skymasters RC

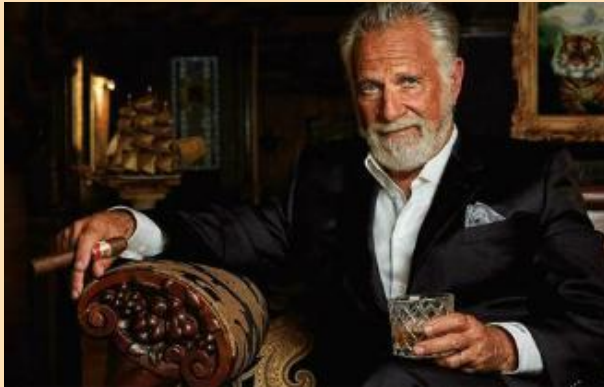
Front Cover

How kind of Ultimate Soccer Arenas to provide such a nice airplane "hanger". Always wondered where the word came from.....

Paul Goelz photo



Nobler Repairs



I don't often crash my plane.....

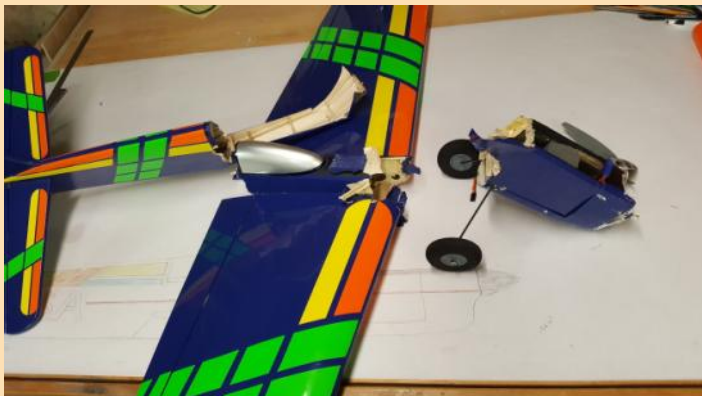
But when I do, I drive it into the ground like a fence post!

And so it was when the 4-40 Kwik Link elevator clevis broke in the middle of an outside loop 15 ft off of the ground while flying my control line Nobler.



Broken clevis

The outcome was not good to say the least.



My first inclination was to salvage what I could, trash the rest and buy a new ARF from Tower Hobbies. I soon discovered that the Nobler was out of stock like many other items since the Tower bankruptcy. So after a closer examination of the wreckage I figured I could rebuild it in spite of the fact that ARFs don't come with a set of drawings of the parts. Looking at the wreckage, the wing was going to be the biggest problem. The center of the wing from the leading edge to the spar was destroyed.



Wing center section damage

I decided to tackle the wing first in case it turned out that it couldn't be properly repaired. So the first thing was to cut away the crushed and broken material. Having done that it was clear that only the center rib was

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destroyed. I also decided that I would make a pair of false ribs to attach to the first undamaged rib on both sides of the center to provide a surface to attach the new center sheeting. These ribs would be made of 1/4" balsa. Without drawings I decided to hold a piece of the 1/4" material in place and use a piece of sharpened wire to scribe the airfoil shape. I then drew an offset line to account for the 1/16" balsa sheeting. I then cut out the shape and left a little extra material to allow for a little hand fitting.



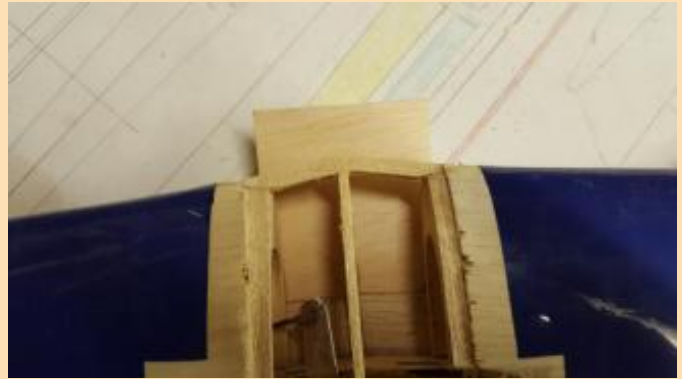
Making false ribs to attach sheeting

Using the same technique I fabricated the center rib and then glued them in place. The upper front spar was also damaged so I used a file to taper the broken areas to provide a good glue joint for the replacement part.



False ribs and scarfed spar joints

Using the same technique I beveled the leading edge and added replacement pieces. In the pictures below you can see the spar repair and the new leading edge. The bottom sheeting is in place but not yet trimmed.



Spar and leading edge repairs

The remaining sheeting is installed at this point. When doing this work make sure that the new sheeting is flush with the existing surface to minimize the need to use a lot of filler and sanding.



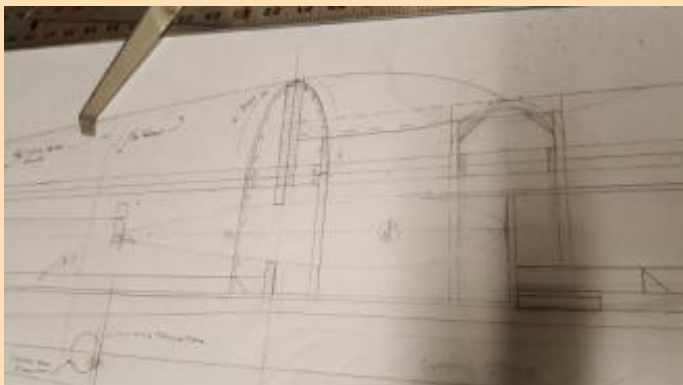
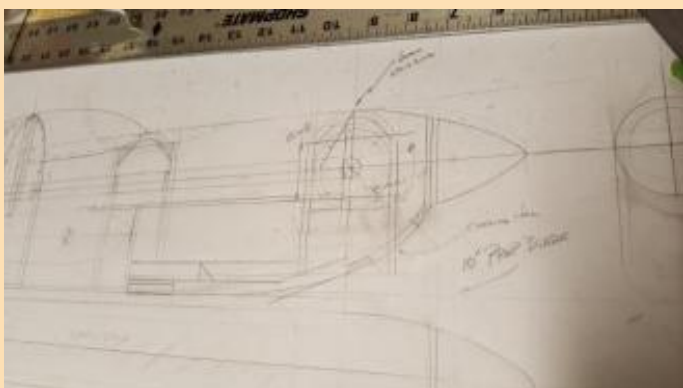
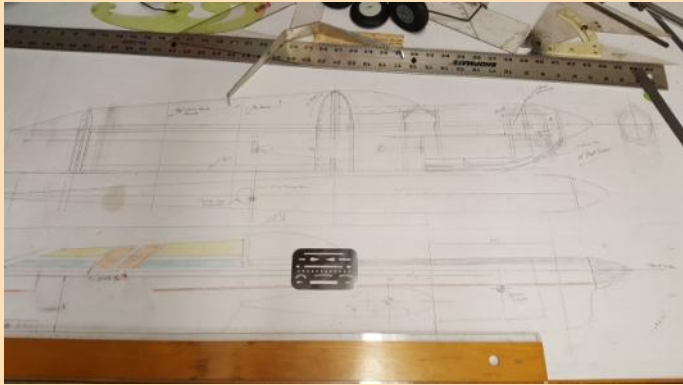
Repair ready for sanding and covering

We're done with the wing for the moment so we will move on to the fuselage. In designing the fuselage I decided to change things to add a large battery hatch and change the side view profile to a more contemporary look. During the assembly of the original model I had made a side view drawing of the fuselage so I could do

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some work on color schemes. That drawing was the basis for an all new fuselage. You will note that I do my designs with paper and pencil and not CAD. I have found that it is much faster since this will be a one-off design and I find it better for visualizing things in full scale rather than on a small screen. I know it's old school but it works for me. If you are going to laser cut things, that is of course a different matter and I would do the CAD work.



New fuselage drawings

When I assembled the original model I decided to convert it to electric power rather than the standard glow engine. Providing a space for a battery and an access hatch was not ideal and resulted in the need for a lot of lead in the tail. The new fuselage would fix that problem. So that was the plan for the fuselage. The tail assembly was not damaged so I could integrate the original parts in the new fuselage design.

Control line models are usually one piece so the wing typically is mounted permanently to the fuselage so we need to cut an airfoil shaped opening in the fuselage side. Without a drawing of the airfoil, I use a piece of 1/8" solder hand formed over the wing to duplicate the airfoil shape and then use the solder wire to transfer the shape to the drawing. I did the same thing for the shape of the turtle deck so the salvaged canopy would fit properly.



Duplicating shapes with solder wire

The method is not perfect so when I cut the fuselage sides I left a little excess material for final fitting. For the final fit, I taped a sheet of 60 grit sandpaper to the surface of the wing and stroked the fuselage sides spanwise until the fit was perfect. The sides are held together with tape and are fitted at the same time.



Fuselage sides being fit to the wing

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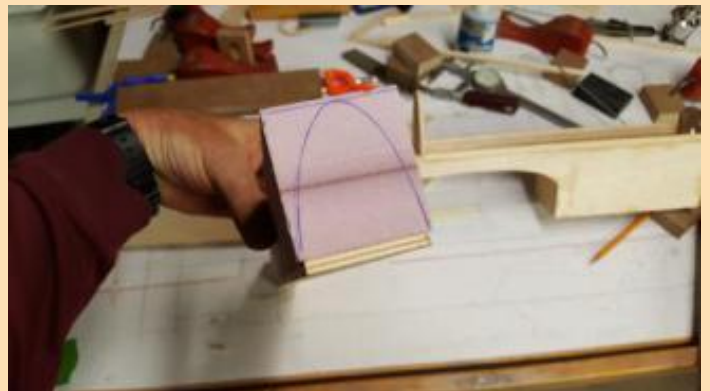
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Next, I fabricate the fuselage formers. There is a 1/4" plywood firewall, a 1/4" balsa front turtle deck former and a rear turtle deck former that will match the shape where the tail assembly will fit. There is also a former that will be part of the hatch and will match the turtle deck shape where the canopy will be installed. In the pictures below, the formers are installed and the tail fit up is checked. Note the balsa strips glued to the top edge of the fuselage sides. They form a ledge that the turtle deck sheeting will glue to and an alignment feature for the removable front hatch.



Formers installed and tail fit is checked

I will be molding a balsa turtle deck using a method I have written about before. Don't remember how I do this? OK, Here it is again. To form a molded balsa turtle deck I make a plug out of foam to act as a molding form. First, I make a 1/2" plywood base plate to match the top view of the turtle deck. I then cut a piece of foam slightly larger in both the top and side view. The foam is then glued to the plywood base and the turtle deck shape is drawn on both ends of the foam.



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(Continued from page 6)



Preparing the turtle deck molding form

Now, using a long sanding board with 60 grit sand paper, sand the foam to the previously drawn shape. I will be using two formers inside of the molded balsa turtle deck. I cut 3/32" slots in the foam form where I will want the formers. I take pieces of 3/32" balsa and push them into the slots and sand the balsa down to the shape of the foam form to create perfect fitting formers.



Making the turtle deck formers

Next I glue up the 3/32" balsa turtle deck blank. Use waterproof glue here but do not use CYA because you will always see the hard glue joint through the covering. I use Sigment for these joints. The stuff sands beautifully and will resist the water we use to soften the balsa for forming.



Turtle deck sheeting blank prep.

Now I wet the wood with plain water. I've tried ammonia but see no advantage and it stinks up the shop. I then get the forming started by hand, slowly pressing the wood over the form.



Pre-shaping the wet wood blank

I now take elastic bandage material that you can get at the drug store and tightly wrap it around the wood to press it against the form. Let this dry overnight. When it is dry, remove the elastic bandage and trim the balsa to the bottom edge of the foam form.



Elastic bandage pressing the balsa on the foam form

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Formers ready for turtle deck sheeting

To make the large front hatch I glued 1/4" sides to a 3/8" top with 1/2" triangle stock in the corners. I then planed and sanded to the desired shape. The hatch fits over the strips mentioned earlier.



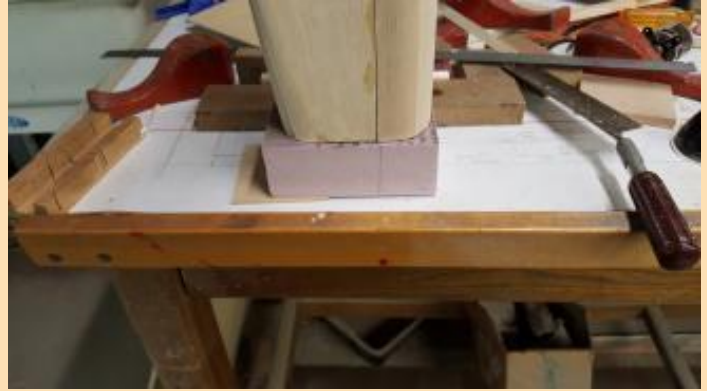
Remove and trim the formed sheeting

Next, we will attach the two formers and the turtle deck sheeting to the fuselage (you knew that was coming didn't you).

(Continued on page 9)

Start with 80 grit and progress to 220 grit. I finish up with 2 coats of primer sanding with 320 grit between the coats. It is now ready for paint.

(Continued from page 8)



Foam cowl blank tack glued to nose



Front hatch construction

At this point I made the fiberglass cowl. As I have done in previous articles, I tack glue a piece of foam to the firewall. With the hatch in place I sand the foam to a pleasing shape and blend to the balsa nose. I now apply tape around the balsa nose and then apply a sealant to the foam. In this case I used a product called EZ Dope available at the hobby shop. It does not attack the foam. I applied 2 coats with a brush and when it was dry I applied the PVA fiberglass release agent and then a coat of paste wax. I next cut enough pieces of 6 oz/sq yd fiberglass to be able to apply two layers. I used polyester resin with the fiberglass and did both layers in one step. When the resin is fully cured I rough sand the fiberglass to remove all of the lumps and bumps. Next, pop the part off of the nose. To finish the part ready for primer, I use Bondo brand polyester spot putty. This is the stuff that you have to mix with a cream catalyst. It cures fast, and sands easily to a good finish.



Tape barrier and EZ Dope sealer



Two layers of fiberglass being applied

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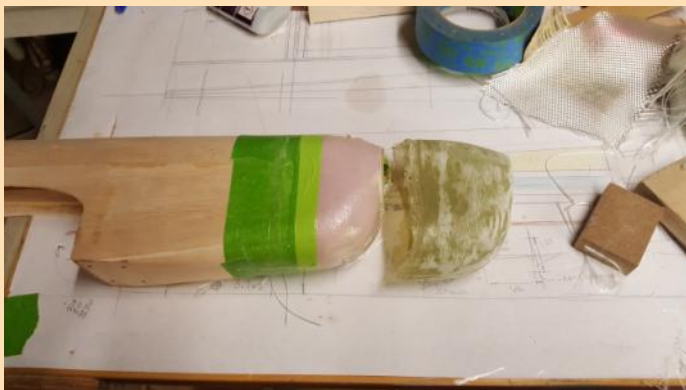
Spot putty applied all over



Fiberglass after rough sanding



Spot putty sanded and ready for primer



Cowl removed from foam form



Repairs are complete ready for covering

So that's it for the repairs to the Nobler

The next few pictures show the Nobler ready to fly. The trim has been re done and the radio and electronics are installed. I got it finished just as the cold weather

(Continued on page 11)



Getting ready for spot putty application

(Continued from page 10)

closed in so it has not been flown. I once asked my eye surgeon if my vision would be the same as it was before and he said "damaged and repaired is not the same as never damaged" Normally when you do a lot of repairs to an airplane they gain weight. In this case the redesign of the fuselage allowed me to save a little weight in the structure and the ability to achieve the proper c.g. by moving the battery back allowed me to come in 1oz lighter than before the crash. However a couple of things are not the same as before. The ARF Nobler is from Top Flite and is covered in Sapphire blue Monokote (they say). I didn't want to re-cover the whole thing so I searched all over for a roll of the Sapphire blue Monokote. Hobby shop...nope. Tower...out of stock. Online hobby shops... all were out of stock. I finally found 1 roll on Ebay and bought it thinking It would match the Nobler. Well...not so much. The repairs are noticeably different :-(. The other thing is the match of the cowl paint to the sapphire blue. I took a piece of the "matching" Monokote to Home Depot to get some matching paint mixed up. I sprayed the cowl, clear coated it and when it came to mount it I saw that the cliff-prunking color wasn't even close. This is the first time HD has missed a match...(sigh). Well, as they say, it is what it is. I might redo the cowl this spring. The following pictures show how it came out.



past the motor and over the speed control and then out of the exhaust stacks.



So that's it for this month. I hope you found it worth reading and found that you can repair badly damaged ARFs.

Next month's article will be quite different from any of my previous articles. I don't want to say more and give away the secret topic. I hope you will tune in next month.

Steve Kretschmer



The exhaust stacks are for cooling air outlet. Air comes in through a screen covered opening in the cowl, goes

October Indoor flying

At Ultimate Soccer

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



Special video....

A couple weeks ago, a Sport Cub S got stuck in the rafters at Ultimate. How to get it down?? No problem... Rob Edmunds and his Crack Yak to the rescue! And you know the old saying.... if you didn't get it on video it didn't happen. So.... [CLICK HERE FOR THE VIDEO](#)

Club Meeting

November 15th, 2018

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



Categories:

...Design & Build judging, Spring 2019:

- 1.) Original
 - 2.) Best craft
 - 3.) People's
- ...Flight judging, Summer 2019:
- 4.) Flying ca

Skymasters Financial Report
Four Year Overview 1, 2013 to September 30, 2018
SKYMASTERS RC
MICHIGAN

Which Membership Tiers
- Regular
- Life
- Youth
- Guest
- Family

the Wing K

Minutes of Club Officers for 2019
VOTE

Oktoberfest

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



Five Minutes on Safety

Random Thoughts

Range check

- It is a good idea (that many of us ignore) to do a range check before each new flying session. A known good radio system can fail, and you never know when that might happen.

Prop safety

- ALWAYS treat the propeller on an electric aircraft like a loaded gun whenever the battery is connected.
- ALWAYS treat the propeller on a fuel powered aircraft with extreme respect when the engine is running. Take extra time to think it through when making any needle valve or engine adjustments with the engine running.
- ALWAYS make sure that any cords or cable (like remote glow starters and starter power cords) are well clear before starting the engine.

Throttle Hold switch

- ALWAYS program, understand and USE a throttle hold switch on your transmitter if the transmitter includes that function. A THROTTLE HOLD switch is different than a THROTTLE KILL switch and is useful on both fuel powered and electric aircraft.
- The THROTTLE HOLD switch locks the throttle channel to idle (fuel powered) or zero throttle (electric) and prevents the throttle from advancing unless the switch is placed in the "non-hold" position.

Battery disconnect

- Electric aircraft are MUCH safer if they are equipped with a master battery disconnect switch, accessible from the outside of the aircraft with all hatches closed / in place. The disconnect usually takes the form of a shorting plug that can be seen and when NOT inserted, you know for sure that the motor is disabled. This is even more important if the battery plug is not easily accessible in an emergency.

Taxi safely

- It is good practice when taxiing not to aim directly at an opening between flight stations. When taxiing back to the pits, I angle towards a flight station until I get close and then I taxi parallel to the flightline until I reach the opening where I am standing. While still aiming east or west (ie., NOT towards the pits) I shut the motor down and then carry or tail walk the aircraft back to the pits.

Help Wanted at Skymasters



Website Content Editor Updater

Looking for a club member who can keep our club website calendar and website events updated. Requires a little skill getting around but most of it is auto-

mated. Training provided and most of the information is provided for you to add to the site. If you are interested let Bob, club president or Greg, webmaster know.

Email: president@skymasters.org or webmasters@skymasters.org. Thanks!

Club Email System Notice

We have a great club email system. Just an FYI, when you have something to sell or list for sale (or looking for something) please use the

"classifieds@skymasters.org". I encourage use of this email mail list system. Our member to member email address "members@skymasters.org" is for general communications between our members. We have several other great email addresses (actually many) such as the "indoorfly@skymasters.org", floatfly@skymasters.org, and many other email lists that you may be on by default. For a complete list, [click this link](#) (you will need to log in with your Skymasters credentials to view the addresses). Each mail list has a specific purpose for our very active club and you'll see that the emails that come as official club communications, i.e. club leadership, event directors or club officers, etc. are marked that way... either way you have control over the emails you receive or don't want to receive... by going to your member profile in your Skymasters Profile and "edit my profile" and then "Edit Email Subscriptions/Options:" I would really advise you to NOT change these unless there is some problem. Email is the primary way we communicate what is happening in our club! NOTE: to communicate TO the club you must use the email address you registered with on the site. Also, it is great when you log into the Skymasters website too! www.skymasters.org.

Skymasters Indoor Flying

Oct. 30th thru April 16th*

Join us on Tuesdays* from 10 AM – 1 PM

At Ultimate Soccer Arenas.

Where its always warm and dry!

Located at 867 South Blvd., Pontiac, MI 48341



Single Flying Session \$10
Any 5 Session Punch Card \$40
Season Pass \$120



All Pilots must have proof of current AMA Membership

A Special 3 Month Trial AMA Membership is Available

Spectators welcomed at no charge. Come in and walk around.

Check us out at: www.Skymasters.org

Support your local hobby shops:



* Indoor Schedule of Dates and Times Subject To Change

HOLIDAY BREAK

4 - Flying Hour Special

EXPERIENCE ULTIMATE INDOOR FLYING

Wed. Dec. 26th & Wed. Jan. 2nd

From 10:AM – 2:PM for \$10 each 4 hr. session

At Ultimate Soccer Arenas, 876 South Blvd. Pontiac MI

Take a break from work and enjoy flying indoors at it's best.

Spectators Are Always Free

Visit Skymasters at
www.skymasters.org

All Pilots must have proof of current AMA Membership.

A Special 3 Month Trial AMA Membership is Available.

The Remaining Winter Indoor Flying Schedule

<u>DEC. 2018</u>	<u>JAN. 2019</u>	<u>FEB.</u>	<u>MAR.</u>	<u>APR.</u>
Tue. 4 th	Wed. 2 nd – 4 hrs	Tue. 5 th	Tue. 5 th	Tue. 2 nd
Tue. 11 th	Tue. 8 th	Tue. 12 th	Tue. 12 th	Tue. 9 th
Tue. 18 th	Mon. 15 th – 4 hrs	Tue. 19 th	Tue. 19 th	Tue. 16 th
Wed. 26 th – 4 hrs	Tue. 21 st	Tue. 26 th	Tue. 26 th	
	Jan. 29 th			

Season Passes and Punch Cards Honored

The 10th 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 18th the day that Skymasters and all the Indoor Pilots make their contribution. The regular flying rate of \$10 for 3 hrs. applies but get the 4th hour free with a toy donation.

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. 18th
& Fly for a Bonus Hour**



This year 100% of Your
Donations Go To The
Grace Centers of Hope
35 E. Huron St. Pontiac, MI





ST. CLAIR COUNTY PROPBUSTERS
R/C MODEL AIRCRAFT CLUB
PRESENTS:



R/C SWAP MEET

Open to
The Public

SUNDAY - DECEMBER 2nd, 2018

9:00 am to
12:00 pm

New menu for 2018

FREE TABLE SPACE - \$5.00 ADMISSION

If you have something to sell that is R/C related,
Call Sheila O. at (810) 367-6367 to reserve a table today.
Vendor set-up will begin at 8:30 AM.

- Doughnuts
- Hot dogs/Chili dogs
- Chips
- Coffee, water, pop



R/C MODELS and SUPPLIES
OF ALL TYPES - NEW & USED

PROPBUSTERS SWAP MEET IS LOCATED
 IN THE COMMUNITY CENTER BUILDING AT
GOODELLS COUNTY PARK

8345 County Park Dr
 Goodells MI, 48027

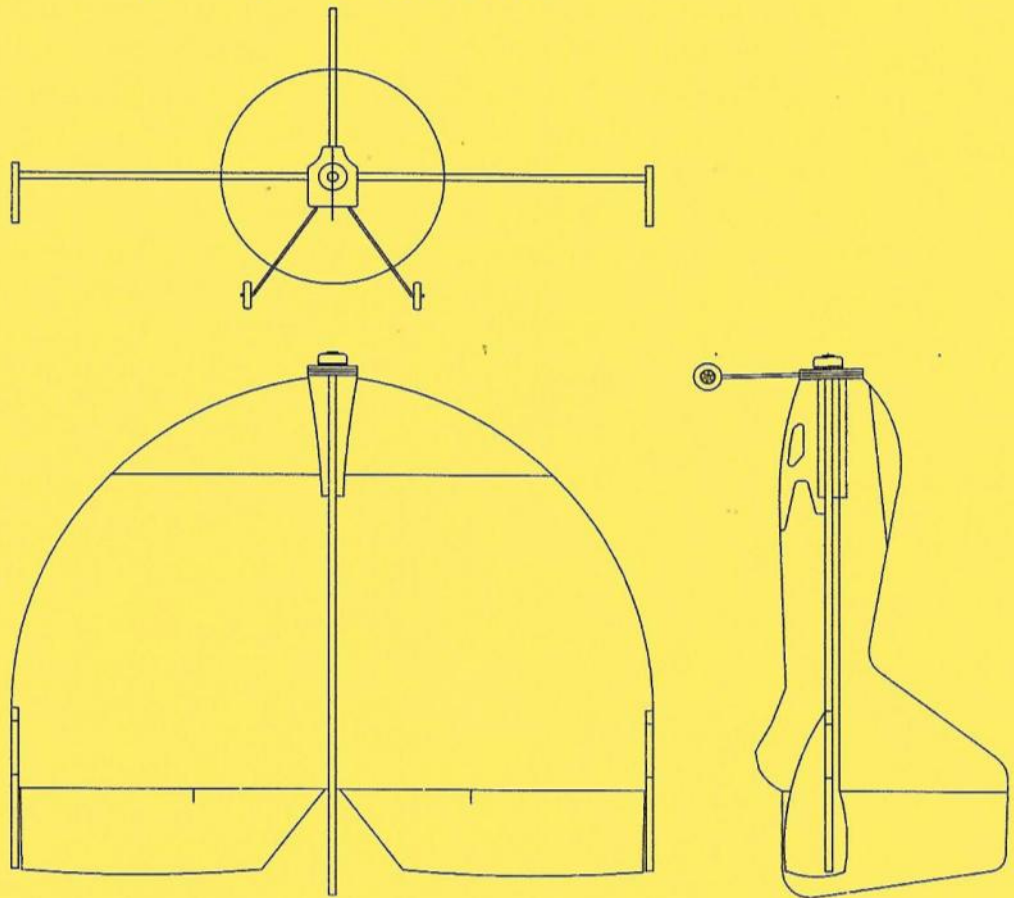
www.SCCPROPBUSTERS.COM

Build your own airplane!

Beginning Tuesday December 18th at Ultimate, there will be a group build of the “Archie”, one of John Hoover’s great designs. The kit (which includes the plane, motor, servos and glue for \$100) is available at any Indoor session at Ultimate Soccer or at Flightline Hobby.

All you need to provide is the transmitter, receiver and battery. The build will begin on Tue. Dec. 18th at Ultimate. You can build then fly, then build and fly again. See Fred at the registration table.

Archie



Electric Sport Flyer Designed by John C. Hoover

Specifications:

Wing Span – 23”

Wing area – 340 Sq. In

Weight 6.5 to 8 ounces (Picture prototype 7.3oz)



2018 CLUB EVENTS

SKYMASTERS RC CLUB – LAKE ORION, MI



April 2018

Saturday April 21 — **Involvement Day** – Bald Mountain

May 2018

Saturday May 12 – **Field Opening/Work Day** – Scripps Road Flying Field; Lake Orion

Sunday May 20 — Chet Brady - **Spring Float Fly** – Bald Mountain Trout Lake; Lake Orion

Wednesday May 30 – **Student Flight Training & Potluck** begins – Scripps Road Flying Field; LO

June 2018

Saturday June 9 — **Night Fly (evening)** – Scripps Road Flying Field; Lake Orion

Sunday Jun 10 – **Electric Fly** – Scripps Road Flying Field; Lake Orion

Saturday June 16 — **Control Line Fly In** – Scripps Road Flying Field; Lake Orion

July 2018

Saturday July 14 – **Open House Air Show 2018 - Recreation 101**– Scripps Road Flying Field

Saturday July 28 – **Flightline Wing It Contest Fly** – Scripps Road Flying Field; Lake Orion

August 2018

Sunday August 5—**Warbirds and Scale Fly In** - Scripps Road Flying Field; Lake Orion

Sunday August 12 – **OCIA Airshow & Open House** at Pontiac Oakland International Airport

Sunday August 19—**Corn Roast and Top Gun Flying** - Scripps Road Flying Field; Lake Orion

September 2018

Sat. – Sun. September 8-9 - **Midwest Regional Float Fly** – Seven Lakes State Park Rec. Area, Holly

Saturday September 22- **Skymasters Fun Fly** - Scripps Road Flying Field; Lake Orion

October 2018

Indoor Flying Season Begins – Ultimate Soccer Arenas; Auburn Hills

December 2018

Christmas Party – Orion Center; Lake Orion

Monday 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

Skymasters 2018-2019

Club Meetings

Orion Center - 1335 Joslyn Rd, Lake Orion, MI 48360 - Room A

3rd Thursday of Month – 6:45 – 8:45 p.m.

September 2018

Wednesday 19th – Club Meeting - **Scripps Field**

October 2018

Thursday 18th – Club Meeting

November 2018

Thursday 15th – Club Meeting - (Elections & Club Review)

December 2018

MONDAY 17th – CHRISTMAS PARTY

January 2019

Thursday 17th - Club Meeting

February 2019

Thursday 21st – Club Meeting

March 2019

Thursday 21st – Club Meeting

*dates subject to change - PLEASE always consult current information on website:
www.skymasters.org and current club email communications*



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 Tuesdays!

We fly every Tuesday
through mid April

10AM to 1PM (three hours)

Ultimate Soccer, Opdyke & South Blvd

Pontiac, MI

AMA required

Next Skymasters Meeting... the Christmas Party:

Monday, December 17th

6:45PM

at the Orion Center, 1335 Joslyn Road

(on the east side of Joslyn, just south of Clarkston
Road), Lake Orion, MI



Other local area indoor flying

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 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Saturday Breakfast 8:30AM Iris Cafe
2 Prop Busters Swap 9AM Goodells MI	3 Skymasters Breakfast 9AM Red Olive, Rochester Hills	4 Indoor Flying 10AM-1PM Ultimate Soccer, Pontiac	5	6 Indoor Flying 9AM-3PM Premier Sports Center Shelby TWP	7	8 Saturday Breakfast 8:30AM Iris Cafe
9	10	11 Indoor Flying 10AM-1PM Ultimate Soccer, Pontiac	12	13 Indoor Flying 9AM-3PM Premier Sports Center Shelby TWP	14	15 Saturday Breakfast 8:30AM Iris Cafe
16	17 Skymasters Breakfast 9AM Red Olive, Rochester Hills Skymasters Christmas Party 6:45PM Orion Center	18 Indoor Flying 10AM-1PM Ultimate Soccer, Pontiac	19	20 Indoor Flying 9AM-3PM Premier Sports Center Shelby TWP	21	22 Saturday Breakfast 8:30AM Iris Cafe
23	24	25	26 Indoor Flying 10AM-1PM Ultimate Soccer, Pontiac	27 Indoor Flying 9AM-3PM Premier Sports Center Shelby TWP	28	29 Saturday Breakfast 8:30AM Iris Cafe
30	31					

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.

Student Instruction & Pot Luck

Every Wednesday, May through September. Flying any time but we eat at 6:00 p.m. - rain or shine, literally! For those participating we ask that

you bring something for the grill - enough to feed (at least) you and your guests -OR- bring a dish to pass -OR- bring your own (non-alcoholic) beverage. **Something for the grill:** The obvious choices are burgers, sausages/brats and hotdogs - but other alternatives are welcome. If you bring it we will cook it! We've cooked pork tenderloin and chops, salmon, venison burgers, steaks and more. Don't forget the buns.

We start cooking about 5:30 p.m. - having grill items by then helps us get everything ready on time.

Potluck dish to pass: Don't know what to bring, working late? Each week we'll let you know what is needed for the next week from plates to condiments, charcoal, etc. **Pick one of the needed items to bring instead!** Not one to cook? A quick stop at local supermarket deli

for a side salad, or bakery for dessert always works!

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. 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!



2018 Club Officers & Appointees...

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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