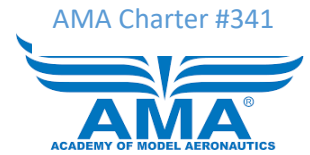


HCRC Flyer



February 2020



The Club would like to thank Gordon Lauder for all of his years of service as Secretary, as well as every other roll you may or may not have gotten looped into and of course it's undeniable your dedication to this club. It will be different seeing you sit in the crowd instead of up at the front looking towards us. Thank you again Gordie we cannot express enough how much your service really means to us.

Hampshire County Radio Controllers
Business Meeting of January 2, 2020
MINUTES

Pres. Mike brought the meeting to order after a delightful meal brought in by Ron Paul at the VFW. He asked for the roll to be called with 15 members reporting present including three club officers and the acting secretary. A motion was heard to waive the reading of the minutes. M/S/P Next, Treas. Ron gave his monthly financial report with only a question about the expense item for lawn service, which he explained was for the entire season and was discounted for full payment in advance. M/S/P Ron also discussed the need for a local search for higher certificate of deposit rates for idle club funds that he intends to pursue. Many suggestions were heard and discussed with the outcome to be determined by the treasurer at a later date. Under Old Business - Mike reported on the recent Christmas Party at the East Mtn,CC with two full tables of members (16), food, service and atmosphere excellent with pictures on the club website. "A good time was had by all", he said. The New Year's Day fly-in was another success with a new fire pit, great food (Chili) brought in by Ron Paul and planes in the air. One of our former members, Wesley Hebert, sent an email to the former secretary letting us know about his career with the Boeing Co. in Seattle and the various new aircraft he has worked on in the Flight Test Section. He has recently purchased a PA-18 Super Cub and had learned to fly a vintage B-25. Said it was "really cool"! Under- New Business Mike led a discussion of the flying site and the need to think about contacting the landowners for the future prospect of either an agreement to purchase the property (if it becomes available) or some sort of a "first right of refusal". He covered some of the history of the club, at that location, that goes back to 1965 and the many letters between the club and the owners showing appreciation for the way the land has been maintained and our own thanks to them for keeping the rental costs reasonable over many years. Mike will work with the Exec. Committee to discuss this further and to make contact with the property owners. Other new business : an Indoor Swap Meet is planned for the 22nd of February at the E. Mtn.CC with a snow date of the 29th.

All details will follow and volunteers to help were signed up at this meeting. Next, Dan Kapinos, who is heading up a field maintenance program, outlined his thoughts on making the field mowing effort more efficient, take less time with more volunteers and insure that the field mowing is completed in a timely way and flyable for the members. He has 8 to 10 volunteers signed up for the mowing and had several other field projects in mind that he listed. The members joined in with thanks and applause for Dan's efforts to organize this program. Mike, before adjourning the meeting, made a very special presentation to the departing Secretary, Gordie Lauder of an award of appreciation for "many years of outstanding contributions & dedicated service to our club". Gordie thanked Mike and all the members of HCRC , for their support and friendship over the last 45 years.

Meeting adjourned and respectfully submitted,
Gordie Lauder, Acting Secretary



Hampshire County Radio Controllers
Hadley, MA.

Invite you to attend our
Indoor RC Swap Meet

Saturday February 22, 2020 -
Snow date Saturday February 29th
Doors open 8:30AM to 1PM
Admission \$5
(kids 12 and under free)

Location: East Mountain Country Club

1458 East Mountain Road, Westfield, Massachusetts 01085

All RC items for the hobby welcome: planes, radios, engines,
helicopters, boats, cars, related toys & more

Vendors \$15 for a reserved table - \$20 unreserved

Please bring one item of nonperishable human or pet food/toy to donate to local charities

Food & drink available for purchase

Contacts:

Michael Shaw - MSHAW.SPFLD@GMAIL.COM or
Santiago Mercado - SANTIME2000@HOTMAIL.COM 413-267-6100 or
Ron Paul - RPM3XLM@COMCAST.NET

Our club website at www.hampshirecountync.org.
Our club Facebook page at <https://www.facebook.com/groups/148353592007739/>

[See Page 2 For More Details](#)



2020 Hampshire County Radio Controllers Winter Indoor Swap Meet

Below is a general outline of the event's structure. If you still have further questions, feel free to ask our contacts listed on the front page

- 1) Date: February 22, 2020.
- 2) **Snow Date:** February 29, 2020 (if 2 or more inches is forecast).
- 3) Check if event is rescheduled before coming out at:
 - a) Our club website at www.hampshirecountyrc.org.
 - or
 - b) Our club Facebook page at <https://www.facebook.com/groups/148353592007739/>
- 4) **Event Hours: Vendor setup 8AM to 8:30AM.**
Doors open to public 8:30AM to 1PM.
- 5) Entry fee is \$5 (Vendors and Buyers). 6) Vendor table rental (per table):
Assorted size tables available on first come-first serve basis.
\$15 if reserved on or before 2/15 \$20 afterwards.
Additional tables for \$10 each. Only tables provided may be used.
- 7) To reserve a table(s) in advance for a discounted price and pay at the door please contact:
Ron Paul at RPM3XLM@COMCAST.NET
- 8) If you only have one or two items to sell you may consider sharing the table cost with someone else. '9) If you leave early, please notify a staff member.
- 10) Food and drink will be available for purchase.
- 11) This is a planned cash only event although some individual vendors may have their own credit card capability.
- 12) The Hampshire County Radio Controllers (HCRC) club or East Mountain Country Club are NOT responsible for lost, stolen or damaged items inside or outside of the venue.

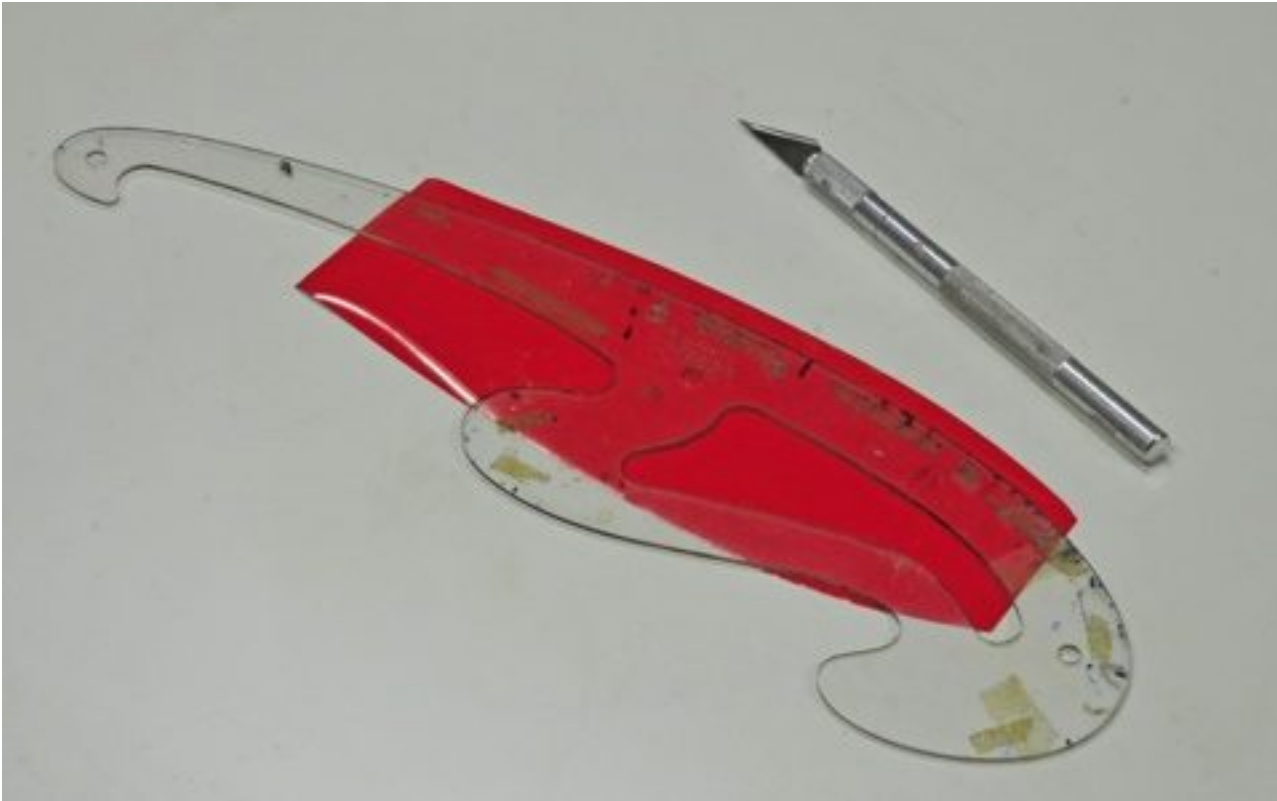
Article Submitted By Ron Paul

Covering Wingtips made Easy

[Model Airplane News](#)

[Assembly Tips](#), [Featured News](#), [How-tos](#)

[1 Comment](#)





Covering a wing panel with film covering is fairly simple and easy to do, even for those with little skill; that is, until you get to the wingtip. Of course, all wingtips are different shapes, and not all fall in the category of difficult to cover. Some have a gentle taper to a rounded tip with very few compound curves, making covering a simple process. Others can be more difficult. The wingtip I describe here is one of those that can't be covered along with the wing. The better way is to cover it separately. Although you will end up with a seam on the final wing rib, you will find it a more reasonable approach to success.

I went through this covering process with UltraCote film covering several times and noticed that it makes a difference how the film covering is cut from the roll. I found it best to leave extra material when covering the length of the wing, and then use the piece trimmed off at the end to cover the tip. Using a piece of film cut parallel to the edge of the roll will cause it to sag severely in the shrinking process. The secret for success is to make sure the piece you cut is perpendicular to the roll edge. Oh, yes, this tip will also work with MonoKote.

So, heat up your covering iron and trim iron, grab a sharp knife and follow along in the photos my process for covering that pesky wingtip.

Tools required for covering and covering the wingtip. (DSC9749) Typical problem wingtip, with the covering problem occurring between the gusset and the leading edge. Cover the wing panel and trim off at the last rib, leaving a generous overlap ironed down against the rib. The rib thickness is not enough surface area to retain the film when shrinking. Note: Black marks indicate the amount of overlap covering fore and aft.



On the piece of covering to be applied, develop a contour to fit the rib for an even overlap seam, generally to the shape of the rib contour. The overlap should be approximately 1/4 inch.



Using the trim iron, tack the covering at one end to the rib just inside the black mark. Later, you can remove the black mark with alcohol. Grabbing the loose end, pull it across the top of the rib for an even-width seam, and iron in place. You are now ready to tack and iron down the opposite side.



Before you start to tack down the covering, place the wing on the workbench with the wingtip extending over the edge. Use a sandbag to hold it down, so you'll have two hands to work with. Starting near the front, pull the covering straight down and tack it in place. Work along in small increments toward the trailing edge. Now, move to where you started, and do the same thing going forward. Try and get the covering as tight as you can. Lift and retack, if necessary, as you go along. The covering should lay flat and tight without gathering and bunching up.



Trim off the excess covering, and seal it in place with the covering iron. Using the trim iron, shrink the covering staying away from the seams on both sides. Gently glide the iron over the surface until the covering is wrinkle-free. You will have to do this four times, on each side of each tip, to complete the wing.



What a beautiful wingtip, and not a wrinkle to be seen. A covering job you can be proud of!



ATTENTION

HCRC 2020 P&M Team



To all team members. I am in the process of gathering information to make our work easier. Please contact me with the following information.

1. Do you need keys to the sheds?
2. What days of the week will you typically, maybe, possibly be available to mow?
3. What time of day might you be available. (Mornings or afternoons?)
4. What projects are you interested in tackling?

To all other club members.

If you have a set of keys and are not on the team. Please turn in your keys. Or join the team and help us out.

Thanks to all.

Daniel Kapinos
danielk53164@gmail.com
413-270-1106

Upcoming Events:

February 6th 2020 Club meeting at VFW 7pm (Shepherd's Pie from Chef Ron COME EARLY)

February 22nd 2020 Club indoor swap meet @ East Mountain Country Club 1458 East Mountain Road ,Westfield (8:30am - 1pm)

March 5th 2020- Club meeting at VFW 7pm (food T'BA)

Airplane of the month : Lockheed Martin F-22 Raptor



The **Lockheed Martin F-22 Raptor** is a [fifth-generation](#), single-seat, [twin-engine](#), all-weather [stealth](#) tactical [fighter aircraft](#) developed for the [United States Air Force](#) (USAF). The result of the USAF's [Advanced Tactical Fighter](#) (ATF) program, the aircraft was designed primarily as an [air superiority fighter](#), but also has [ground attack](#), [electronic warfare](#), and [signal intelligence](#) capabilities.^[4] The prime contractor, [Lockheed Martin](#), built most of the F-22's airframe and weapons systems and conducted final assembly, while [Boeing](#) provided the wings, aft fuselage, [avionics](#) integration, and training systems.

The aircraft was variously designated **F-22** and **F/A-22** before it formally entered service in December 2005 as the **F-22A**. Despite its protracted development and various operational issues, USAF officials consider the F-22 a critical component of the service's tactical air power. Its combination of stealth, aerodynamic performance, and [situational awareness](#) enable unprecedented air combat capabilities.^{[6][6]}

Service officials had originally planned to buy a total of 750 ATFs. In 2009, the program was cut to 187 operational production aircraft due to high costs, a lack of clear air-to-air missions due to delays in Russian and Chinese fighter programs, a ban on exports, and development of the more versatile [F-35](#).^{[4][1]} The last F-22 was delivered in 2012.

*******ATTENTION*******

For all the winter flyers the Porta Potty will be closed at the end of October but will be reopened in the Spring.

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Officers

PRESIDENT

Mike Shaw
15 Overlea Drive
Springfield, MA 01119
(413) 330-1827
mshaw.spfld@gmail.com

VICE PRESIDENT

Santiago Mercado
8 Brookside Circle
Wilbraham, MA 01095
(413) 627-9250
santme2000@hotmail.com

TREASURER

Ron Paul
367 Ware Street
Palmer, MA 01069
(413) 374-3212
rpm3xlm@comcast.net

SECRETARY

Bill Ewers
20 Beacon Street
Florence, MA 01062
(413) 695-3503
billewers@hotmail.com

BOARD OF DIRECTORS:

Alan R. Crawford alanhrcc@gmail.com
Leo Dube (413) 315-1466 ldube@charter.net
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Pat Malone (413) 320-6437 pmalone60@comcast.net
Mark Mundie marktm442@comcast.net
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