

A Publication of the Grand Strand Scale Modelers IPMS
Volume 4, Number 9

2021 Club Officers

President	Vice President	Webmaster	Treasurer	Secretary
Phil Cavender	Joe Baxter	Mick Fleckenstein	Rick Reinert	Rick Reinert
cavender@sccoast.net	B5Ranger99@gmail.com	modlrifleck@yahoo.com	b2flighttest@gmail.com	b2flighttest@gmail.com

Next Meeting is at Phil Cavender's House
182 Quail Hollow Road
11:00 AM - Saturday - 16 October

Minutes Grand Strand Scale Modelers

September 18, 2021

The Grand Strand Scale Modelers monthly meeting was called to order at 11:00AM at Andrew's house due to Socastee Library closed for meetings. In attendance were 9 members and one guest. A big "Thank You" to Andrew for allowing the use of his house and the refreshments.

It was time to collect the club's annual dues. Eight members paid with one member paying through PayPal. Total monies accounted to \$160.00 not including awaiting payment through PayPal. Those of you who were present please bring your dues next month or payment can be paid through PayPal. Email Phil C for payment procedures.

A partial update contact list was distributed. Members whose contact information is absent or not correct, please provide me with the updated information. Send to grandstrandscalemodelers@sccoast.net.

Andrew will follow up and let the club know about the venue location for the upcoming show. Price and square footage would be the two factors in its use. At that time, we can proceed or plan for the procurement of another venue location. Time is of the essence.

Also, another matter that has been on the back burners is the construction of the fantail deck club group Yorktown project started many months ago. It was decided that Joe Baxter would bring in what is completed and the club would decide to go further or scrap the project. Factors such as storage and where to display the project as well as if the completed project would be "museum quality" to ask the Patriot Point floating museum if they would be interested in displaying.

Our present treasurer decided to resign the position, so the club's E-Board ask for volunteers for the position. Rick Reinert stepped up for the position. He and I will meet next week at the bank to complete the paperwork. Thanks Rick.

On the previous matter it was discussed that October 2022 would be the election of officers. A nomination mailing will be sent several months in advance. Please review the IPMS/USA by-laws for a better understanding. I will also include in the mailing a printed portion of the by-laws.

Before the "Show & Tell" portion Rick gave us a review of a new kit he purchased from Copper State Models. Nieuport XVII Early version in 1/32nd scale retailing around €62.00. Rick asks that this review section of the club's monthly meeting be initiated. Members were asked to bring in any new kits and provide a summary.

Next was the "Show & Tell" portion. Many fine builds were discussed.

Rick Reinert gave us an excellent presentation masking canopies using several methods. Hopefully Rick will include this in the next club's newsletter. 😊 😊

Following the presentation was the raffle. Also, a big "Thanks" to the members who provided kits and items for the future raffles. Monies collected from the raffle totaled \$90.00. This amount and dues increased the club's bank account to \$2063.32

Phil Cavender

President & Contact

Hobby News

New Releases of Note

Well, we can't ignore the beast in the room. Yours for only \$650! The ex-Wingnut Wings 32 scale Lancaster Mk.I/III. Released by Border models.



Hobby Boss 1/48 F-18E Super Hornet - New Tooling



Revell has a new F15E Strike Eagle in 72 scale From Takom



A 700 scale SMS Derfflinger 1916



The Tool Crib

GORILLA SUPER GLUE MICRO PRECISE by Phil Cavender

Precise dispensing tool designed to fit comfortably in-hand. An easy-to-use, precise application experience that allows the application of a small amount of glue. Micro Precise has an anti-clog cap with a metal pin inside, ensuring an airtight seal for maximum reusability. Amazon \$4.84 and other big box stores. 5.5grams (0.19oz)

Comments: It does work as advertised. By adjusting the pressure of your squeeze to the sides the correct amount of glue is dispensed.
Highly Recommended for any CA uses.



Badger Stynylrez Primer Review by Andrew Rasis

I ran across an article this primer online recently and was intrigued. First, it has a weird name. Second, it received great reviews and, it was reasonably priced. In retrospect, I wish I had tried it sooner. It lays down better than any other primer I've ever used.

This primer is water-based acrylic polyurethane. Its self-levelling qualities and fast drying times are amazing. I found the primer required no thinning and covered beautifully. I sprayed it on both kit plastic and different types of foam with no issues. As a side note, it is available in 12 colors. However there are a few things to note before loading your airbrush with this stuff.

First, it comes out of the bottle pretty thick, but typically does not require thinning. Due to its viscosity, it will take between 20 and 30 psi of pressure to push it through the airbrush. It can be thinned slightly with water, if necessary. Badger recommends that it is best applied with a .04mm or larger needle. I tried it in a Badger Krome gravity feed, using a .33mm needle; and my trusty Badger 350 external mix with a fine needle head, using a siphon-feed bottle and had no issues. I do recommend giving the primer a thorough shaking before loading it in your airbrush. When you start to spray, due to the viscosity, it will understandably take a few moments longer than normal for it to spray. Once it begins to spray, although it may seem to go on a little thick, don't worry, it levels nicely. I was amazed at how quickly this primer dried. Within 3 to 5 minutes the parts were dry to the touch. Again, I was amazed at the smooth finish, even where I was sure there'd be runs.

Tip dry is not an issue as long as you don't leave the gun idle for long, however a water-dampened cotton swab is all that's needed should it begin to clog. Clean-up was easy, as well. I used warm water, followed by airbrush cleaner.

I am by no means an expert at airbrushing, which is, in part why I tried Badger's Stynylrez, to begin with. Yes, it took a little getting used to, but I've yet to find a better, more forgiving... heck... amazing primer than this product. I highly recommend it for your next build.



Kit Review

Rick Reinert provided a review of the Nieuport XXIII. With the demise on Wingnut Wings, like an addict I went searching for an alternative supplies to quench my addiction to World War 1 kits. At the Vegas Nats I came across a Copper State Models (CSM) Nieuport XVII and a Nieuport XXIII.



The kit contains 134 parts. Some of which are very fine (thin and easy to break! Don't ask how I know that!). The detail on the plastic is high (excellent rendition of details), and the plastic itself is easy to handle. No flash on the parts. There is one photo etch piece for seat belts, and three thin clear pieces of film. The instruction booklet looks like a flight manual and is well laid out and logical.



Decals, by Cartograf are provided for four aircraft, two Belgian, and two Russian.



The cockpit is extremely detailed and care must be taken during construction, as this is where the most fiddly parts are. (Don't ask how I know!) Once complete, I'll bring it in for show and tell. Recommended for experienced builders.

Build Review

Build Review of a Bandai Gundam by Rick Reinert



The RX-78-2 GUNDAM is an entry level GUNPLA (GUNDAM+Plastic Model=GUNPLA) kit. Designed for ease of assembly, and is cast in multiple colors so that one can build it within a short period of time and have to ready to put in display (or ready to play with) quickly. Probably a big reason why these kits are popular. According to the Bandai website, over 500 **Million** GUNPLA kits have been sold. More complex kits have over a 1,000 pieces. The plastic used to replicate Gundanium (aka Luna Titanium Alloy) is polystyrene, acrylic, and Acrylonitrile Butadiene Styrene (ABS). According to the Bandai website, there is some proprietary plastic mixes involved. The plastic itself is harder than what you get when compared to styrene plastic model kits. The plastic is sandal and can be trimmed if required, and seam lines can easily be filled in with putty or Mr. Surfacer should there be need. The instructions are clear and concise, obviously reviewed prior to release, and are much better than anything Trumpeter puts out. Assembly is straightforward and the kit is built up in modules - the head, torso, arms, and legs are built up separately.



I decided to build a “Ceylon RX-78-2” Warrior from the TV Series Battle Star Galactica. And proceeded to base coat the modules using Black Mr. Surfacer 1500. Once dry and prior to final assembly, I misted on a coat of ALCLAD Chrome for the figure itself and ALCAD Semi-Matt Aluminum for the Cylon Blaster. Minimum black wash was used on the helmet.



IPMS and local clubs should continue to encourage GUNDAM builders to join.

Club Demos

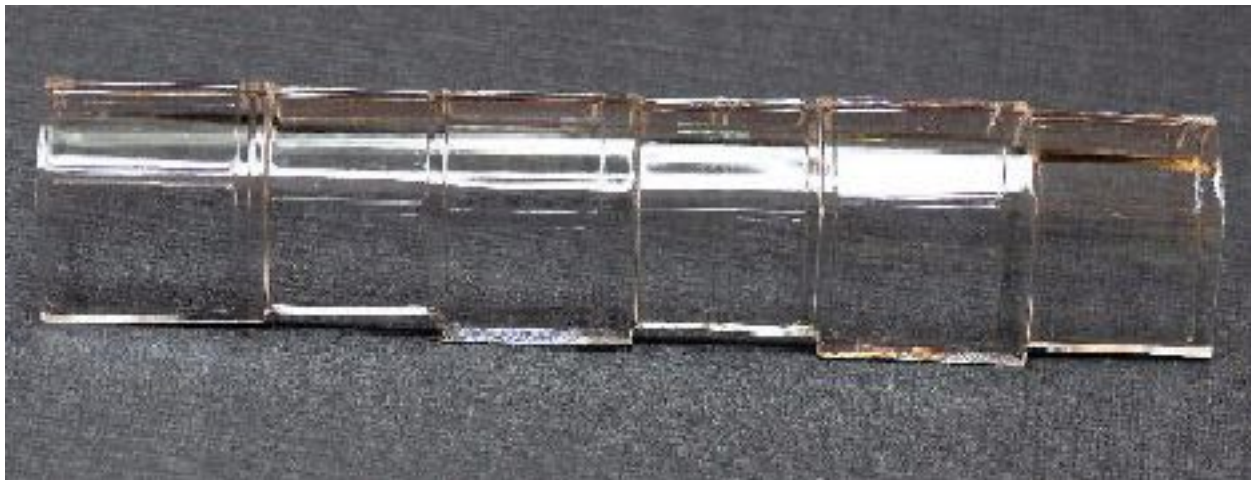
Masking Canopies Using Bare Metal Foil

Rick Reinert did a show and tell on canopy making using Bare Metal Foil. The article below, lifted off of the Hyperscale website (www.hyperscale.com) (and authored by David Sherrill) is a good how to.

Masking canopies would not be at the top of most modelers "fun to do" list. What I want to demonstrate in this article is that masking canopies does not have to be a laborious or dreaded phase of model building. By using Bare-Metal Foil (BMF) you can actually mask and paint most canopies with very good results in a short amount of time. For demonstration purposes I'm using the "greenhouse" canopy from Hasegawa's excellent 1/48 C6N1 Saiun kit. Because of its size, it fills the camera frame and would most likely be regarded as a drudgery to mask. There are 20 separate frames just on the canopy piece; however, it took me under an hour to apply the foil, burnish, cut, remove the excess foil, and prepare it to paint.

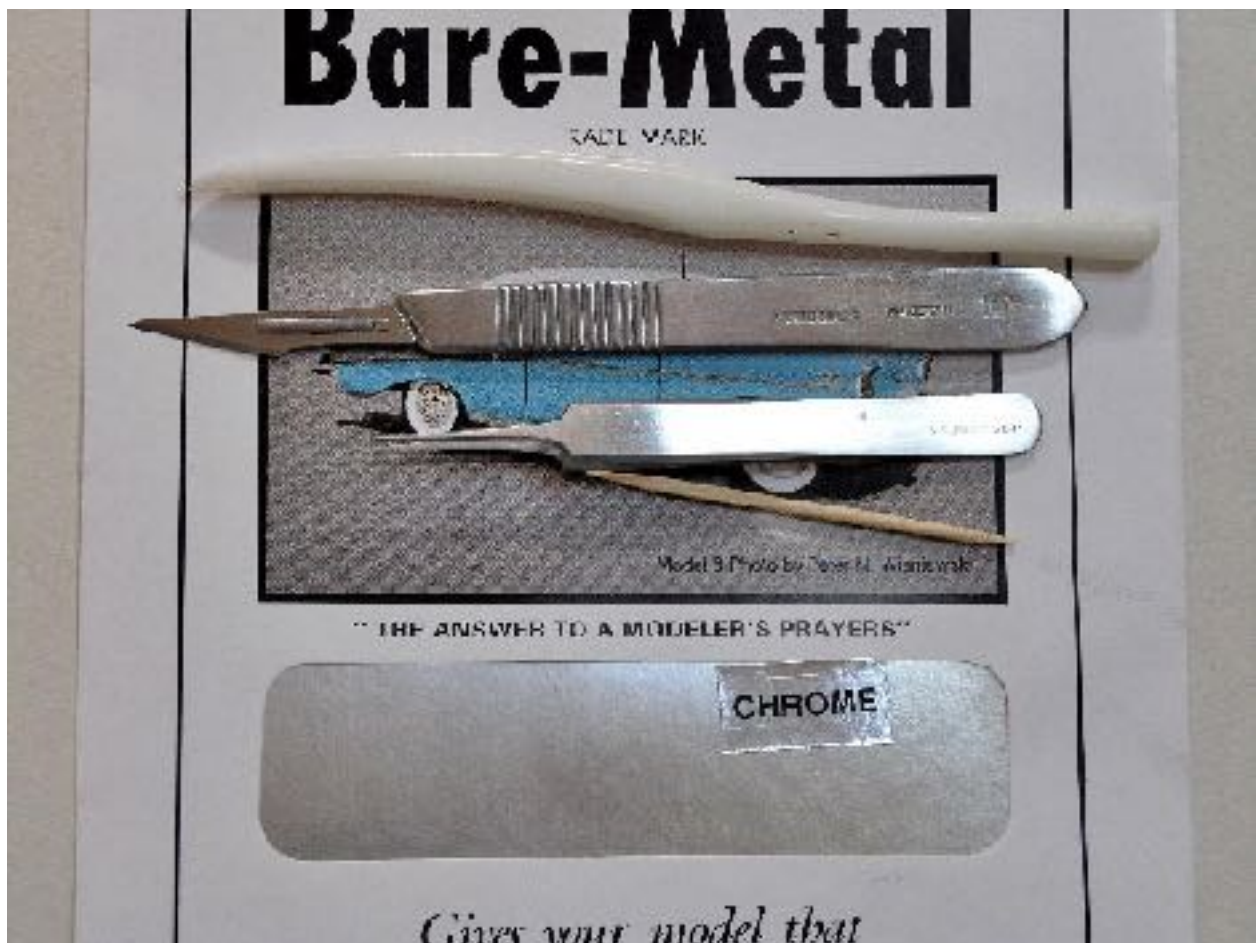
The first step to a successful masking project using BMF is to dip your canopy in that miracle modeling elixir known as Johnson's Future, or Kleer. Dipping in Future has several essential benefits. Your paint will adhere better, clarity will improve, and the amount of residue that BMF is notorious for leaving behind will be minimal.

I start the dipping process by holding the canopy at the tip of one end with a pair of self-locking tweezers. Next, I dip the canopy in a small narrow jar filled with Future and hold it under for a few seconds. I then lift it out and tap some of the excess off on the edge of the jar. Using a soft #4 artist's brush, I brush or wick away any excess Future that has settled to the edges and corners of the canopy. This is a very important step in the process. If left to dry, excess pooling of Future can cover the contours or recessed lines of the framing and you will not be able to burnish the details needed to guide your cuts. I allow the canopy to dry overnight in an empty Altoids tin with some holes drilled in the sides. If you feel you need to redo your dipping effort, a short soak in some household ammonia followed by a wash in warm soapy water and wiped dry with a soft cotton cloth should have you ready for another try. Here's a photo of the canopy with a coat of Future applied. I dropped my first attempt on the floor and had to start over.

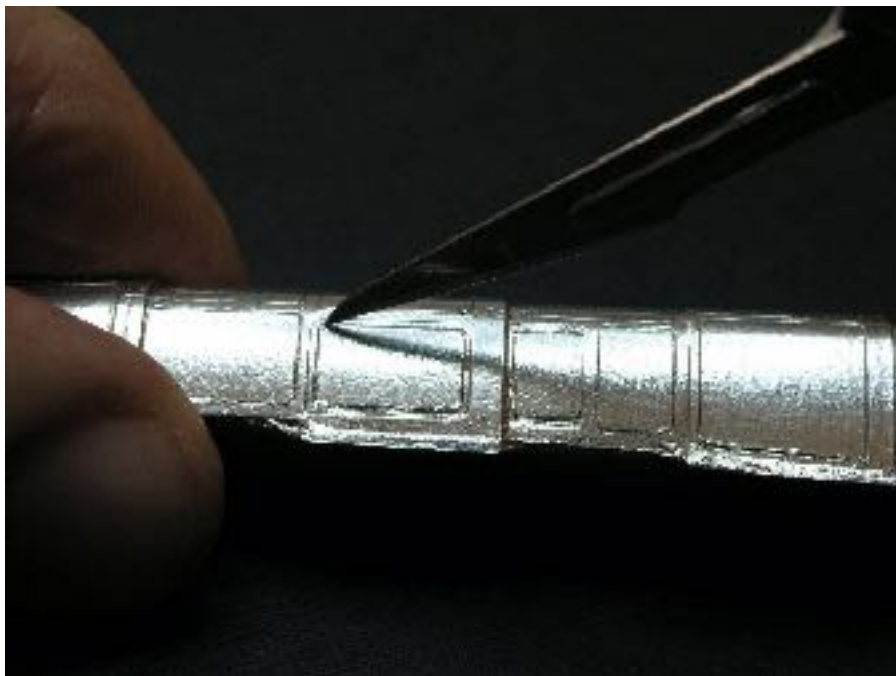


So now your canopy is Future'd and you're ready to start masking. There are several different types of BMF such as Black Chrome, Ultra Brite Chrome, Matte Aluminum, etc. But the only one to use in my opinion is simple Chrome. I've tried some of the others and they just don't seem thin enough; even cutting them with a new scalpel blade often caused jagged tears. They also left a lot of residue.

I photographed some of what I consider to be highly essential tools for masking with BMF: a burnishing tool, a #11 scalpel, a pair of needle-nose tweezers, and a sharp pointed toothpick.



Start the masking by cutting a section of BMF that covers the canopy. Depending on the shape of the canopy you might be able to cover it all with just one piece. With bubble tops and windscreens it usually requires more than one piece for a smooth surface. A little wrinkling is inevitable, but you don't want big ridges. In this instance I was able to get by with one piece, and I did an initial burnishing with my fingers and burnishing tool. To really bring out all the detail, I ran the toothpick into all of the corners, edges, and crevices. I've found that Hasegawa canopies have recessed lines to simulate the framing, and Tamiya canopies have raised edges. Both work well as guides for cutting the BMF.



Once all the detail has been thoroughly burnished and you can see all the framing, it's time to start cutting. I like to use a #11 scalpel blade, but a #11 X-acto will work as well. You'll want to use only light pressure to cut around the frames. When cutting raised framing, you'll want to apply slight pressure not only downward but towards the framing as well. It doesn't take much pressure to cut through the BMF. I wear close-up reading glasses under good lighting for this part of the process. I've masked a lot of canopies but have never made any serious slips and ruined a canopy. I think the key to this is



being methodical and using only light pressure on the blade. With its recessed frame lines the Hasegawa canopy was very easy and simple to cut. The blade stayed right in the groove. The rounded corners of the framing were a bit tricky, but I found that placing the blade on its tip and going slowly to be the best method for this kind of cut.

If you've cut all the edges of the framework it will be easy to lift off the excess.

If you make a slight error, re-masking and re-cutting with a small patch of BMF is easy to do. Once the entire framework is exposed and you're satisfied with your work you should gently wash the canopy in some warm soapy water and dry with a soft cloth to get rid of any skin oil that might have been left by all the handling. If you're going to paint your canopy in place, now's the time to glue it on the model.

I generally use Tamiya acrylics for model painting, and in this case I used their Japanese Navy cockpit color (XF-71) as the first coat. That way, when I finish painting, the interior of the canopy has the lighter cockpit color showing. When that coat was dry, I airbrushed a coat of Tamiya's Japanese Navy Green (XF-11). After that was dry I applied a thorough coat of Testor's Dullcote. I like to paint my models and canopies whether separate or attached at the same time, and with all the same clear coats. That way my canopy framing and fuselage match in color tonality.

If there's a fun part to all of this, it might be at the stage of the process where the masking is removed. This is where my scalpel and needle-nose tweezers really come into play. No matter how many days I've left the masking on (and I know some of you out there reading this might not believe me), I'm generally able to pull off the masks in one piece. Carefully use the tip of the scalpel to lift an edge of the mask. Once you have a small flap lifted, use the tweezers to gently pull off the rest of the mask.

Using this method, I have not yet marred the surface of any canopy. It's just a matter of using light pressure and taking your time. I can't stress enough the importance of using needle-nose tweezers in this process. There's no other substitute for grasping the little flaps or small slivers of BMF. To avoid the paint chipping that sometimes occurs when



removing the masks, you might want to consider running your blade around the framing one more time before lifting the mask. I didn't in this case, and I only had one small chip that was easy to touch up. I placed a small piece of BMF over the chip, burnished, made a cut along the frame and gave it some paint on a fine-tipped brush. I've had very few problems with chipping if I make sure to dip with Future and to not pull the masking back over an edge. Always pull the masking away from or along the frame edge.

The final step is to clean any residue from the BMF that's left on the previously masked surfaces. For this I used a Q-tip bud lightly dampened with WD-40. The WD-40 cleans the residue very quickly. Lastly, I gave the canopy a wiping with a soft cotton cloth to remove the WD-40 and polish the surface. Personally, as long as I cover my painted canopy with a clear coat of Dullcote I have not experienced any paint removal, discoloration, or marring using WD-40.

To judge the safety of using WD-40 on painted surfaces I tested WD-40 on unprotected Tamiya acrylic and Testors enamel painted on some scrap plastic. After some hard rubbing I got a very faint color removal of the acrylic paint. A light rubbing however, was all it took for a complete removal of the enamel. A citrus solvent product called Goo Gone can also be used to remove residue. I tested Goo Gone on the same unprotected painted surfaces and got the same results. Both Goo Gone and WD-40 dissolved the unprotected enamel paint. They do not however; seem to have any adverse effect on clear acrylic or clear lacquered surfaces.

Model Photos

Plenty of Gundams in preparation for our in house contest



Other Kits and Photos



Kits on Display at Socastee Library



	Build the model kit right outta the box
	Grab some aftermarket decal sets to make it pop
	Shell out for some serious resin detail parts and throw a third of the kit in the trash
	Destroy what mental health you had left by springing for every photo-etch detail set you can find for the kit
	Spend 10x the cost of the original model kit, develop carpal tunnel folding up PE parts, wife divorces you while you lose your mind fitting resin parts that don't, dump over half the kit original parts in the trash, get evicted

MODELPALOOZA SHOW SCHEDULE

Schedule of Events

Friday, Oct. 22nd

7:00 pm Venue Opens for Registration and Entry
9:00 pm Venue Closes

Saturday, Oct. 23rd

9:00 am Venue Opens for Registration and Entry
12:00 pm Contest Registration Ends, Judging Begins
1:00 pm Seminar: TBD
3:00 pm Seminar: TBD
5:00 pm Venue Closes
8:00 pm Hospitality Room – 7th Floor Presidential Suite

Sunday, Oct. 24th

9:00 am Venue Opens
10:00 am Seminar: TBD
12:00 pm Awards Ceremony & Shoot-out Contest
1:00 pm Show Ends Promptly After Ceremony



Wyndham Hotel Celebration & Conference Center
3011 Maingate Ln. Kissimmee FL, 34747

12,000 square feet and 3 days of everything scale models. Near all the attractions, you can stay right where the fun is and enjoy the show. Free onsite parking and wheelchair accessible.

\$99 per night no Resort Fee added.

Other booking sites may have lower price but will charge a resort fee.

AtlantaCon 2021

Scale Model Show and Contest



THIS YEAR'S THEME:

Operation Desert Storm

REGISTRATION/ADMISSION FEES:

- \$10 contest entry fee (\$8 for IPMS/USA members)
- \$5 contest entry fee for Juniors (under 18)
- \$5 General Admission (age 12 and under free)
- Contest entries must be submitted by noon.

VENDOR FEES:

\$30/table, contact kdmcelmore@gmail.com

Food and beverages will be available for purchase.

NEARBY HOTELS:

- **Wyndham Garden Marietta Atlanta North**
455 Franklin Gateway SE, Marietta GA 30067
(770) 425-9977, www.wyndhamhotels.com
- **Radisson Hotel Atlanta-Marietta**
1775 Parkway Place, Marietta, GA 30077
(770) 420-3533, www.radissonhotelsamericas.com
- **Econo Lodge Inn & Suites**
639 Franklin Gateway SE, Marietta, GA 30067
(678) 355-5050, www.choicehotels.com
- **Super 8 by Wyndham Marietta/West/Atl Area**
610 Franklin Gateway SE, Marietta, GA 30067
(770) 872-4428, www.wyndhamhotels.com
- **Quality Inn**
1255 Franklin Gateway SE, Marietta, GA 30067
(770) 955-0004, www.choicehotels.com
- **Days Inn by Wyndham White Water**
753 N. Marietta Pkwy, Marietta, GA 30060
(678) 324-9939, www.wyndhamhotels.com

Saturday

October 23, 2021

9:00 am – 4:00 pm

IAM Local 709 Union Hall
1032 S. Marietta Pkwy
Marietta, GA 30060

Hosted by IPMS Atlanta, Inc.
& IPMS Marietta Scale Modelers

Contest Chairperson

Kim Elmore

(770) 962-2584

kdmcelmore@gmail.com

For contest categories and entry forms,
please go to www.ipms-atlanta.org





2021 MODEL-CON Murfreesboro, TN

NOVEMBER 13, 2021

RUTHERFORD COUNTY AGRICULTURAL CENTER

315 John Rice Boulevard • Murfreesboro, TN 37129

IPMS Rules Model Show & Competition

9:00am - 4:00pm • Judging starts at 12:00 noon

Vendors Selling Kits, Books, and Hobby Supplies

Vendor info: Bill Langlitz • 615.829.1762

mecheagle76@gmail.com

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www.ipmsmiddletennessee.com

39th Annual Smoky Mtn Model-Con

Presented by

The Knoxville Scale Modelers Assoc.



I WANT YOU TO COME TO THE SHOW

VISIT OUR WEBSITE FOR DETAILS & IDEAS:

→ WWW.KNOXVILLESCEMODELERS.COM

Sunday, March 6, 2022

9.00 am to 4.00 pm

KNOXVILLE CATHOLIC
HIGH SCHOOL

9245 FOX LONAS RD. NW,
KNOXVILLE, TN 37923

MODEL CONTEST

Aircraft, autos, armor,
dioramas, fantasy, figures, sci-
fi, ships, and more on display.

**Contest entry forms &
judging info available
on our website.**

HOBBY VENDORS

RAFFLE DRAW with great
prizes

Contestant Admission:
Adults - \$10.00 for first 3
models and \$1.00 for each
additional model.
Under 18s - FREE

General Admission:
Adults - \$5.00
Under 18s - FREE

**SEE OVER FOR SHOW
CONTACT INFORMATION
AND DIRECTIONS.**