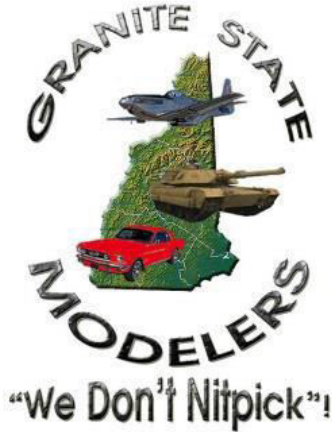




'The Instruction Sheet'

IPMS / Granite State Modelers Club Monthly Newsletter

Website: GraniteStateModelersClub.ORG

Email: GraniteStateModelers@Gmail.com

Visit us on Facebook: Granite State Modelers Club /
IPMS



Club Meeting Reminders: June 16 2025, July 21 2025, August 18 2025

Weekly Zoom Build Sessions: Sunday, Monday and Wednesdays 6-9pm;

Saturday 1-4pm

Zoom Meeting Link – [GSMC Zoom Meeting](#)

From My Bench

Hello Fellow Members

I have a few things to touch on for the upcoming meeting. We need to come up with a date for our annual picnic. I'm hoping in mentioning it now, we can make a menu and find out who wants to come. A head count is paramount for Bob, as he has in the past, supplied some main meats from his smoker. He is also open to someone donating something for him to smoke for us. He does an amazing job with that smoker!! And that's not stating he is a smoker.

We are now also in the time window of selling trophy packs for our upcoming show. We always seem to get it done, but it feels like a lot of work at times for something that shouldn't be. Let's see if we can get it wrapped up this year a little earlier. It also helps with keeping track of the sponsors, and producing the judging sheets, as sponsors are listed on the sheets. Some might not know this, but it takes other people's time at the last minute and that's not fair to them. If we have a change or equipment failure, it is a hectic time trying to get it repaired and not fair to the member who also, I'm sure, has other things to do in life.

The shows for most of us have wrapped up for the spring season. We saw some really talented builders and models on the tables. Some of our members who participate had excellent results so far this season. That's not to take away any credit to those who don't compete. For a variety of reasons some choose not to compete. That is their choice entirely and not to be held against them. Our club has some great builders, no matter what they choose to do, and I'm proud to have them in our ranks.

There are some excellent shows ahead this fall. We'll see who gets some new builds out there. I'm sure they'll be very nice.

Yankee swap builds have been seen getting done or in progress. Remember, there's a gift certificate for the winner again this fall.

In reading another newsletter, a point was made by one of the presidents I know, regarding building criteria comments. He stated, and I agree, that sometimes looking at models at shows they are looked at in a negative thought or in a mindset of what's more important, scope of effort, or just the finished product. I also agree that we

IPMS/GSMC meets for our general membership meeting on the third Monday night (4th Monday in January and February) of each month from 7 PM to 9 PM at the Nashua Public Library, 2 Court Street Nashua, NH. Visitors are welcome; Show and Tell and a kit raffle are held at each meeting.

need to dwell on the positive as well as some negative aspects. If it's not perfect in one respect, it might be in every other criteria. Being looked at in a positive aspect, and letting a modeler know, if they ask, is how we'll keep them as a contestant. All negative aspects will drive them away. We can't keep doing that in the shows or they'll just not survive and get good reviews. I think we do good at that. Some of the other clubs follow that theme as well. It's something we're all going to try and make better.

Hope to see you folk's next meeting!! Build models!!

Pres

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VP Jason Robidoux

May 2025 Meeting Notes By Pete Davis

- Attendance was good, with 25 in person and no one on the Zoom link.
- Trophy pack purchases for our October show have started. It was expressed to all members to start putting the word out there and getting them sold. They are \$25.00 per trophy pack, with a number of special class awards at higher prices. We are still able to hold the pricing due to the switch to medallions, instead of plaques, for our standard awards.
- Zoom Admin Bob Ferri advised the Zoom build sessions are active and doing well. Still he would like to see more participation.
- President Mac Johnston stated that we need articles for the newsletter and that anyone can provide one. It can be submitted to Bob Ferri or Pete Davis in any form and it will be cleaned up and prepped for publishing by them. Please submit articles by the first Monday of the month for submission.
- Treasurer Rich Filteau added \$171.00 to the treasury and dispersed \$89.00 since the last report.
- Secretary Rod Currier also pushed selling trophy packs. He already has a deposit in to Crown Trophy to avoid any issues with tariff impact on prices.
- Secretary Rod Currier also mentioned doing an \$85.00 trophy pack for Nationals, and it was approved by the membership present. He requested the Treasurer send a check out during the next few days.
- The Plaistow Senior Center is still looking to do the model building overview for their members. Frank Moore offered to do the presentation. A date is still to be determined.
- Vice President/Social Media Coordinator Jason Robidoux, reported his updating of the website is lagging, due to some personal issues his contact

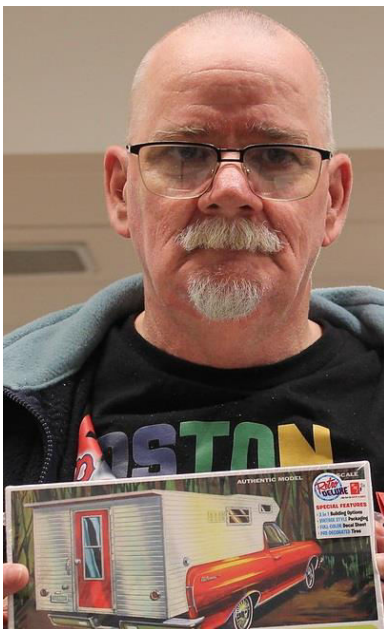
is experiencing. The Facebook page is up and rolling well now. Mac suggested we think about putting out the word online to help make our trophy packs more visible for sale.

- Secretary Rod Currier questioned whether or not the local Gundam show is still active.
- President Mac Johnston discussed participation in the Hooksett Train Show, where he and Pete Davis represented the club. Pete had brought up the idea, during the show, to replace our ratty signs with a printed table throw, with our identity on the front, to improve our visual presentation at events (Pete will research and provide pricing).

- President Mac Johnston also brought up a raffle cage to facilitate handling of tickets at our show. Rich will source from Amazon and work the purchase with board approval. It was decided to get one at least 18” in diameter, static free. It could be shipped to John Rauscher.
- John Cook advised that the Make It Labs locally would be doing an open house May 31st, called a Make It Fest. It will showcase many of the different creative activities that are developed there. John will show off his own model builds and have show fliers available.
- Treasurer Rich Filteau mentioned that TCM network is showing a lot of old war movies over the Memorial Day weekend. He provided a list of titles available, all dating back to the 1940’s and 1950’s. Frank Moore added a couple of titles he knew were also available.
- President Mac Johnston reported on the AMPS Nationals. It was held in Harrisburg PA, and had 699 models on the tables. He, John Rauscher, Lyn Cushman, and John Walker were in attendance. They had a large number of vendors and the displays on the tables were incredible. There were many unusual subjects and the silent auction was well supported.
- Show Coordinator John Rauscher reported that he had talked to the PTO and school and all are good to go. The PTO may have a different setup for their breakfast items, and may concentrate efforts on the food trolley.
- Bob Ingalls brought in two newly purchased kits developed from game tanks, unopened, to show. They are both ‘Russian’ tanks. They are called ‘Apocalypse and Tesla. Both are designed to have four sets of tracks and are popular subjects for gamers

May Meeting Raffle Winners!

Our meeting raffle winners were Tom Shanahan, Rich Filteau, and Mike Bailey! Congratulations!



PETE'S PONDERINGS *By Pete Davis*

I was stuck in the drive through line at my local drug store the other day, waiting my turn at the window. To keep my mind occupied, I studied the brick wall next to my vehicle, thinking it would be nice to see if there was any detail there I could replicate in my modeling. I had just watched a Nightshift video on YouTube, that discussed detailing a wall in a diorama, so I was open to ideas. The one detail that stood out was how the incident light fell on the mortar between the bricks.

I had never noticed before, but there was a distinct pattern in the way the light caught the area between bricks. This was very similar to how I had been doing light and shade on some of my figures, with shadowing under the lower side of the upper brick, and bright light on the upper side of the one below. This effect might be difficult to achieve in a small scale wall, but would really add a lot of visual depth to rendering a larger scale surface.

Light is an interesting phenomenon. It is constantly with us, in one form or another, and impacts how our eye interprets shape. Light and shade allow us to identify contour in a curved surface, for example. It helps us to define a round contours of a ball with both highlighting, and reflected light on the rear. It is an intricate element of every model we build, whether we are aware of it or not. It allows our eyes to define color, fading, shading, shadowing, reflection, and much more.

I remember reading an article years ago that talked about showing light reflecting on a surface, using a single source for that light, and shadowing your build to reflect the directing the light comes from. Think of a spot of light above your model, and observe how it hits the surface. If the source is directly overhead, it will offer a strong contrast on the upper surfaces and deep shadows where the light doesn't reach. This is a typical approach to doing light and shade for most of us, and is easy to achieve.

However, what if you move that light source off to one side so that it falls diagonally on your model? You then develop different intensities of shade and light the further around your subject you look. Take, for example, a human face. Diagonal light means that the side facing the light source will be much brighter than the side facing away, with varying degrees of light saturation. If you apply this to a figure sitting in a tank hatch, you now can take into consideration the quality of shading on the vehicle as well. If you are going for a more realistic representation of your subject, this would be the approach to take...not so easy and quite subtle.

To understand this more clearly, I would suggest setting up a single light source on your workbench that will allow you to move your light source around in relation to your subject. This would probably work best if your subject were a neutral gray in color. Try the light directly above and see where the shading develops. Then, move the light off to one side but still above the model and see how that alters the pattern of light and shade.

Here comes the tricky part! Try shading the subject with shades of gray to match the way light was hitting your subject, using added white for the near surfaces and a little black for the shaded ones. This is a way to help you understand how light will impact you three dimensionally. You will find that light on the side away from the light source will vary greatly from the side facing the light. You can then translate that into color on your model and have a good feel for where light will impact the end result.

This process can add a great visual interest to your model, allow a viewer's eye to interpret the shapes and contours more realistically. And it can enhance your artistic ability when tackling other diverse subjects.

It's That Time Of Year!

Dues must be received by July 1, 2025 or your membership will be dropped from the member register and will no longer receive our club newsletter. Only one newsletter will be sent per household, membership form is on the last page of this newsletter.

Fairey Swordfish Mk.II HS 158 By Rich Filteau

The Fairey Swordfish was an aircraft that combined World War 1 design parameters with construction techniques of the 1930's. Built with a metal structure it was covered with fabric and had the bracing wires of aircraft of an earlier age. Despite it's out of date design and less than sparkling performance statistics it would serve throughout World War II and at least twice would be the crucial piece of equipment in actions against the Axis powers.

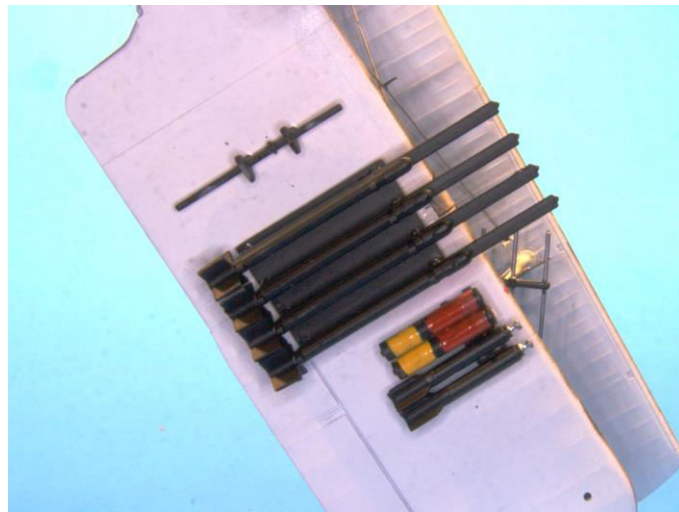
The Swordfish design traces back to an Air Ministry request for a spotter aircraft to assist in the spotting of naval gunfire. A follow on requirement expanded the operating parameters to include carrying a torpedo, gun spotting and reconnaissance and took on the designation TSR 1. The TSR 1 was being developed at the same time that Fairey was working on a private venture (PV) for the Greek Armed services. The TSR 1 and PV were externally similar except for the engines. The TSR 1 made its first flight on March 21, 1933. The TSR 1 was lost on September 11, 1933 during spin recovery trials.

A follow on design, the TSR II, was built incorporating a larger Bristol Pegasus IIIM.3 engine and an extra bay was added that lengthened the fuselage, strakes were added to help in spin recovery. Because of the extra length the upper wing was swept back at an angle of 4 degrees to compensate for the change in the center of gravity. This was the



definitive Swordfish prototype and it made its first flight on April 17, 1934. The TSR II was ordered into production as the Swordfish I.

Early in World War II Swordfish aircraft went to sea aboard the Royal Navy's fleet carriers. They saw action during April, 1940 in Norway, operating from the island base of Malta Swordfish ran up an impressive record of sinking Axis shipping in the Mediterranean. In November of 1940, operating from carriers, Swordfish again hurt the Axis in the daring nighttime raid against the Italian Naval Base at Taranto. In this operation Swordfish sank one Italian Battleship, heavily damaging two other battleships, two cruisers, two destroyers and two auxiliary ships. In May of 1941, the Kriegsmarine Battleship Bismarck was loose in the Atlantic and the Royal Navy was using all its might to sink this dangerous threat. If it were not for the Swordfish the Bismarck might have escaped and gotten back to the safety of the French coast. On May 26th Swordfish from the HMS Ark Royal attacked the Bismarck using their torpedoes. One torpedo struck the steering gear of the Bismarck causing it to lock in place and making the mighty battleship steam in circles which allowed the Royal Navy's Battleships to catch it and sink it the following morning.



In February of 1942 the German battleships Gneisenau, Scharnhorst and the cruiser Prinz Eugen attempted to breakout into the Atlantic through the English Channel. Again Swordfish were called upon to attack, however this time the Luftwaffe was there to fly cover for the Kriegsmarine ships. The Swordfish did not fare well against Messerschmitt Me-109s and all attacking aircraft were shot down. This led to a change of mission for the Swordfish as well as development of the MK II Swordfish.

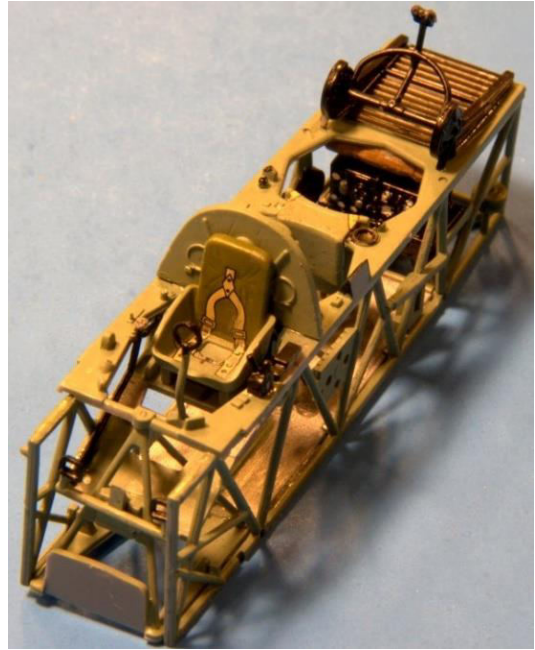
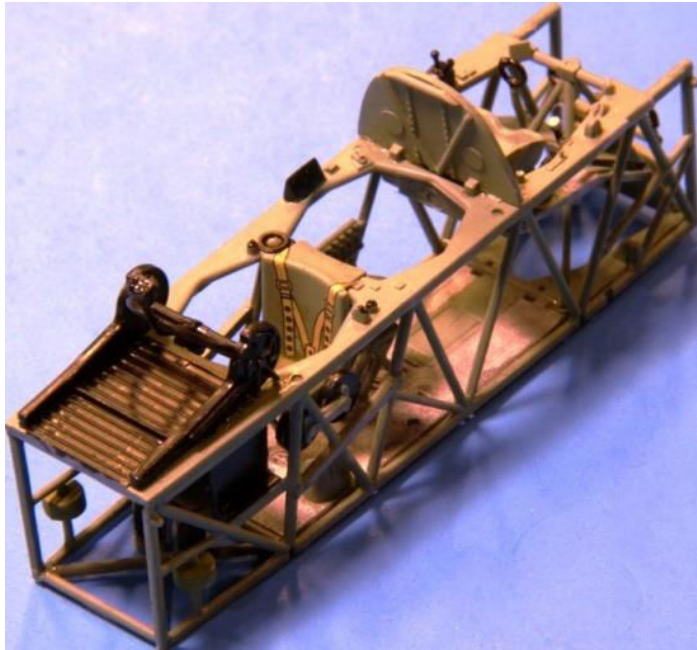
As the war progressed Swordfish were used from CAM (Catapult Armed Merchantmen) ships and light aircraft carriers as anti-submarine escorts for the North Atlantic convoys. The Swordfish Mk II was developed with this role in mind. The torpedo rack was still there but the lower wings were skinned with metal instead of cloth allowing rockets to be fired. Rockets were a useful tool against submarines. Mk IIs also were equipped with ASV (Airborne Surface Vessel) radar and a more powerful engine. The Swordfish accounted for the sinking of 22.5 U-boats.



Building Tamiya's 1/48 Scale Aircraft Series #99 Fairey Swordfish Mk.II Kit #61099

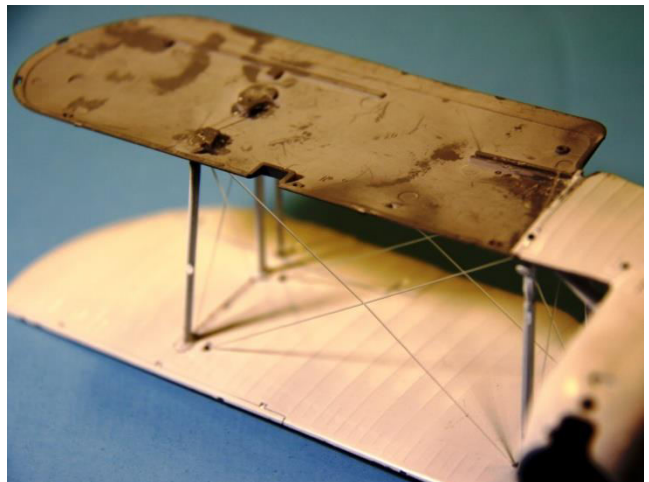
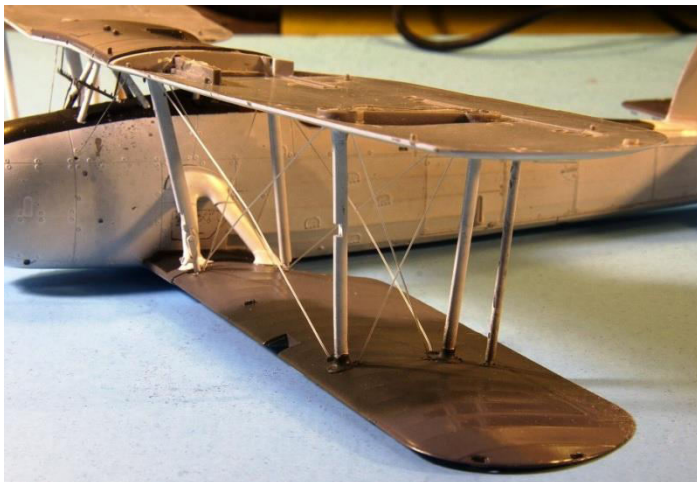
This is a follow kit to Tamiya's 1999 release of the Swordfish MK.1 with approximately 95% of the kit being interchangeable. Upon opening the box the one surprise was the recommendation that an additional \$17 be spent on photo etch accessory tree.

Steps 1, 2, 3 and 4 produce a highly detailed cockpit that is a pretty detailed model all by itself. I chose not to include the crew figures so step 5 was skipped.



Step 6 includes detailing the instrument panel by painting it and then decaling 3 individual instrument clusters that really comes out nice. The rest of Step 6 and steps 7, 8, 11, 12 and 13 involve assembling the fuselage and lower wing mid-section and braces, then attaching the cockpit assembly, fuselage halves, tail surfaces and braces and the upper wing support. A choice has to be made between Steps 11 and 12 as to whether you want the model to have folded wings or not. I chose to not fold the wings. I also chose not to use the extra fuel tank and left the engine assembly, oil cooler, wind screen off until after painting the fuselage.

Steps 9 and 10 produce another excellent sub assembly - the engine. Photo-etched parts were used in this step. I left the cowling ring off until after I painted it.





Step 14, the upper wing mid-section, was assembled and put aside for painting. Steps 15, 16 and 17 involve assembly of the upper and lower wing halves, their bracing struts and bracing wires. For the bracing wires the kit instructions involve using a majority of the photo-etched parts that were purchased separately. On previous models I had tried using photo-etched bracing wires and was not happy with the results. It was difficult to make them taut and I had a hard time gluing them in place without getting glue so it was visible on the finished model. Also aren't bracing wires supposed to be round, not flat? So I diverged from the kit instructions. After painting the wing halves and fuselage, I assembled the upper half of the lower wing, the bracing struts and lower

half of the upper wing for both left and right wings. I then drilled small holes (.020" diameter) and ran .011" diameter (10 Lb. test) monofilament fishing line through the drilled holes. To anchor these "wires" I used small pieces of sprue with additional hole drilled in them. Super Glue works great in this application.

I also used this fishing line method for bracing wires on the upper wing section and the tail surfaces and using smaller diameter (.006) fishing line I fashioned an antenna.

I followed the kit instructions through the remainder of the assembly remembering to add the pieces that I had skipped over. Pieces from the photo-etched tree were used for the torpedo aiming guides (DP 9 & DP10) in step 14.

Tamiya gives you three choices for markings in this kit. I chose markings for a Mk.II Swordfish from 816 Squadron aboard the HMS Tracker serving on convoy escort duties in the North Atlantic convoy escort duties during 1943.

I am pretty happy with the results of this build.



Coming Events of Interest

August 6, 2025 – IPMS/USA Nationals Hampton Roads, VA

September 28, 2025 – PatCon 2025 Hudson MA

October 3, 2025 – ArmorCon Southbury, CT

October 19, 2025 – GraniteCon 32; IPMS/Granite State Modelers; Weare Middle School; Weare, NH

October 25, 2025 – Hudson Valley Scale Model Show 2025; Hudson Valley Scale Modelers; Elks Club Hall; Poughkeepsie, NY

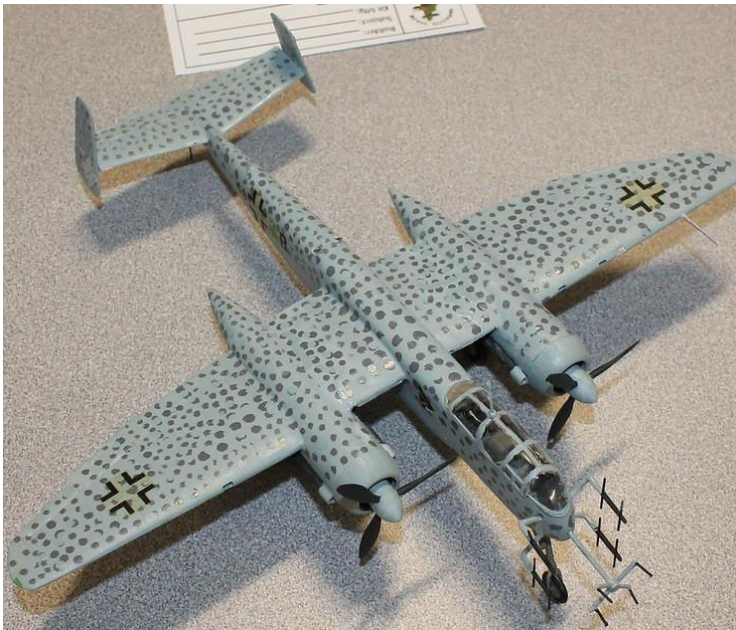
November 2, 2025 – BayCon 2025 Franklin, MA

Show and Tell

Many higher resolution images can be found on the web site!



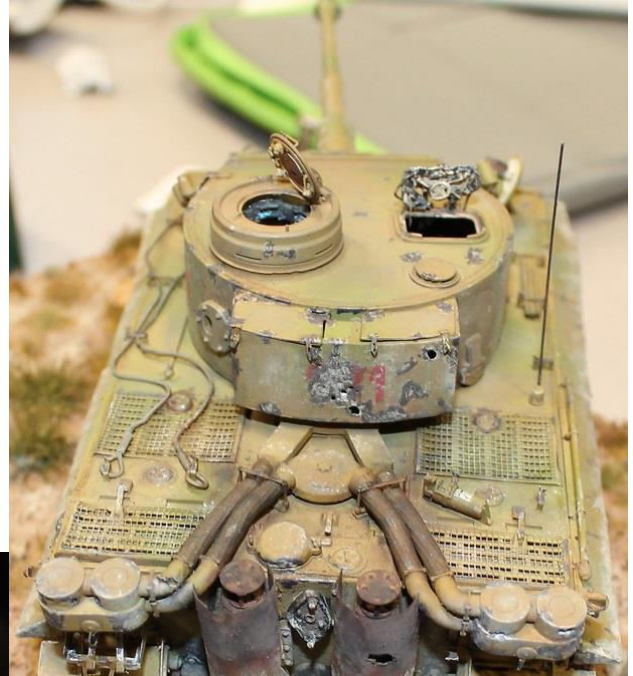
Brent Morrison showed off his Tamiya 1/48th scale USN motor tug from World War Two. He used an airbrush for the first time to paint his model, applying Tamiya acrylics.



Mike Bailey's 1/72nd scale Revell HE 219 Owl shows off his brush painting skills. There was no room for weights inside. He used wire to replicate the antenna. He added guns, and boxes in the empty cockpit to simulate radios.



John Rauscher's 1/35th scale exact replica of Tiger 131, using the Ryefield kit as the basis, was quite impressive. John substantially modified the kit and added a complete interior, right down to the ignition key. He used extensive images of the tank shortly after it was captured by the British as his guide. The real tank is at the Bovington Tank Museum in England, and is the only running Tiger in the world.



Jason Robidoux started off with a discussion of his AMT 1/24th scale 1969 Chevelle. This kit was rereleased by Round Two. He found it to not be a great kit. He had an issue with dents in two doors, which he filled with two-part putty. There were many other issues with the molding, which he reworked as well. He used a Upol Dolphin Glaze to finish.

A 1/24th scale AMT Corvette also challenged Jason. Many details were incorrect or too short and had to be corrected with putty. He painted with Upol UP0714 paint and hardener over a Creatx primer he got from Hobby Lobby, thinned 15 to 25 percent, this sprayed like silk. It is water based and he used a .5 tip on his airbrush.



On display was John Rauscher's 1/35th scale Vargas 3D printed Italian Canone 149/35. He reworked this extensively to replicate the same gun in travel configuration as shown in photos.



A 1/35th scale Amusing Hobbies M10 X experimental tank was Pete Davis's offering this month. This is based on the Abrams platform. He painted it with his own interpretation of an urban camouflage. The kit came with a drone which he didn't use. It was a fun build. He has seen photos of a real version of this tank built as a concept for military testing.



Mark Natola brought his 1/72nd scale Airfix B17-G done up as '909', a plane that flew 140 missions without an abort. He added a 3D printed stinger to the tail, his first experience with this medium. He found the engine nacelles difficult to align. He painted with AK 3rd Generation paints and added guns to the ball turret.

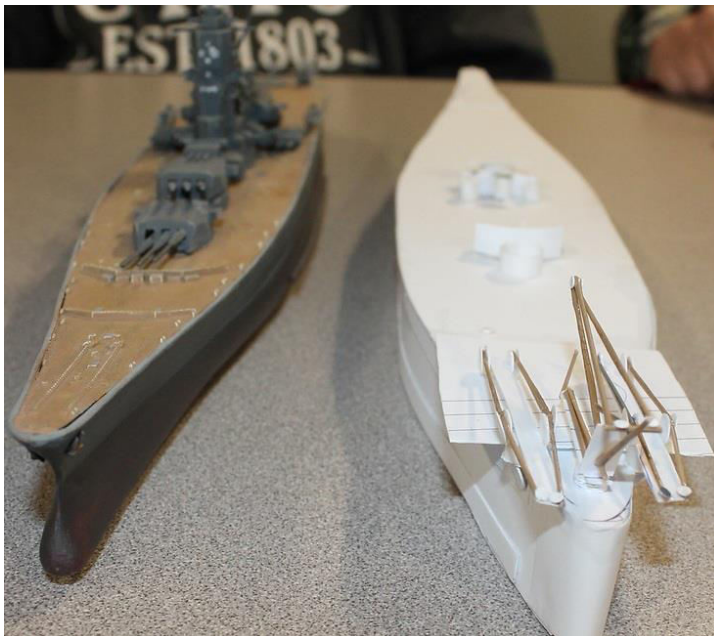
Rich Filteau had his Tamiya 1/35th scale Lockheed F35C Lightning 2 on display. He built this out of box and found it to be an excellent kit. The decal sheet had maybe 500 markings, of which he used 3/5ths. This was the first time he painted a model before assembly.



Frank Moore also showed us his 1/48th scale Revell F14B Tomcat, which is another work in progress. He found the cockpit missing from this kit and ended up painting the inside of the canopy gray to cover this problem. He got this kit used, and has been challenged to replace other missing parts as well.



Frank Moore went off his normal subject preferences with a 1/600th scale scratch-built Yamato he has in progress. He is doing this as a late version with many of the guns removed.





Rich Mazzuchelli came with a 1/35th scale Tamiya FAMO he has in progress.

The Instruction Sheet Needs You!

Members, we are constantly in need of newsletter content to keep our IPMS NE Region award winning newsletter going strong! We strive to put together an informative newsletter, with some content that will enhance your modeling experience, inspire you, inform you and make your modeling experience more enjoyable.

This is your newsletter and we need your contributions, large or small! Be it a kit or product review, build review, site visit or historical content, or even just a picture of your work or something you have seen of interest.

We are also looking for tips, tricks and hacks you use in your modeling that others may benefit from. These can be just a few lines of text and an image or two.

You can just provide the basic text and some images and we can create the layout and polish the content for you. Don't be shy, there is a writer in each of us, sometimes it takes a little effort for it to come out.

For those who choose to contribute, you can forgo any formatting, as that is done upon insertion into the newsletter layout. We would appreciate writers using Times New Roman for a font, and there is no need to add indents or line spacing, bolds or any other font enhancements. Plain text is just fine.

Anyone in the club can submit to either Pete Davis or Bob Ferri for inclusion. They must be received 2 weeks prior to our monthly Monday meeting date to appear in that issue.

Thank you from the editorial team for ***The Instruction Sheet*** for your continued support.

For I.P.M.S. membership, go to
MYIPMSUSA.org Membership page
for details and membership forms



Hobby Shop Directory

These are the hobby shops that support us and our efforts year after year. Most give our club members discounts. They support our club contests, and stock the supplies and new kits we crave. Please support them!



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Show And Tell Description Form

We have generated a form for meeting Show and Tell descriptions. This will give us the details needed to post in the newsletter along with images of your models. Ideally, you can print the page and cut out the form to use. We will also get it posted to the web site for download. Copies will be available at the meetings to fill out.

	Builder: _____
	Subject: _____
	Kit Mfg: _____
	Scale: _____
Description:	

GSMC Dues Payment Form

Member Names: _____

Mailing Address: _____

E-Mail Address: _____

Telephone # : _____

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☐ Yes

☐ No

If Yes - IPMS Number: _____ Expiration Date: _____

Dues Are \$20 Per Year For a Single Member And \$25 Per Year For A Family

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