

# SPARE PARTS

## MONTHLY JOURNAL

### August 2020 Parts Guide

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### AUGUST 10 MEETING GUIDELINES:

All attendees must wear masks.

All attendees must maintain the prescribed social distancing.

All member attendees are expected to assist with clean-up, prior to departing. All chairs and tables that we use must be disinfected (Chapter will provide cleaning products.)

We should limit our trash can use to 1 or 2 and they must be emptied before departing.

### July 13 Chapter Meeting Minutes:

As the Coronavirus continued to be a problem, IPMS Richmond did not have a "live" chapter meeting in July. A remote (online) meeting was held Monday, July 13, 2020, utilizing Jitsi. 11 members were present and participating online.

Vice-President Mark Groth called the meeting to order at 7:05 PM. Chapter business was conducted very briefly. 2020 Old Dominion Open Chairman Chris Bryan reported on the ODO scheduled for February 27, 2021. We would now usually be sending solicitation letters to our vendors, but everybody is taking a wait and see attitude as to what will happen. It will be very difficult to have our usual show if mask requirements, social distancing and attendance limits are still in place in February. Chapter President Mike Lyons recommended that if the virus situation does not greatly improve by

*Cont'd on Pg. 2...*

### NEXT MEETING

**When ... 6:30 PM - 9:00 PM, August 10, 2020**  
**Where.. The Smoketree Community Bldg.**  
**11100 Smoketree Dr., Richmond, Va.**

**THE Raffle** is a feature of this meeting, so ticket purchases are before 7:00 and during breaks, please see President & Raffle King, Mike Lyons. Just look for royalty at the table burgeoning with awesome kits and other trinkets. "Show & Tell" participants, please place your items on table(s) and fill out Show & Tell Registry Form upon entering building. If you require assistance, please see chapter V.P Mark Groth.

Chapter business will include the 2020/2021 officer nominations. Contact your nominee(s) for their approval, prior to the Aug. 10 chapter meeting!

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...November, we should cancel the show. Although no formal decision was made or voted upon, there was a consensus that the final decision on whether to hold next year's ODO should be made no later than Thanksgiving.

Treasurer Alex Valz advised that we received a refund of our contribution (trophy packages) sent to IPMS Northern Virginia. The NOVA show was cancelled because of the pandemic. Alex also noted that we need to check on the rental of our chapter's post office box. Also, we are starting a new fiscal year. Dues are \$25.00 and should be paid now.

Mike Lyons announced that the rent for the chapter's storage unit has increased \$3.00 and our monthly rent for the unit will run approximately \$80.00, starting in August.

Mark Elder announced that former IPMS Richmond member Don Billups will be visiting Virginia soon and is bringing a number of model kits to donate to the chapter. Don retired and moved to Florida after being very active with our chapter for many years.

With no additional business, the members online began a "Show & Tell" session:

Richard Leininger displayed his completed 1/35 Phalanx CIWS naval gun which included some scratchbuilding and extra detailing. Richard also has a 1/24 (Fujimi) Ford GT-40 underway which is painted in the GT-40's famous pale blue and orange racing colors. Alex Valz updated his in progress 1/35 (Dragon) Sexton self-propelled gun. He also presented his (Tamiya) 1/48 Spitfire Mk II.

E. L. Motley brought back his 1/48 Revell (ex-Monogram) P-51D Mustang with painting underway as well as in progress 1/48 Monogram F-14A which is requiring way too much Bondo putty, Mr. Surfacer and sandpaper.

Bob Walls is working on a 1/35 (Academy) U.S. Marine Corps M3A1 Stuart light tank which had a flamethrower instead of the Stuart's usual 37 mm gun. Bob also discussed using the new Thera Putty (available from Amazon) in place of Silly Putty as a masking aid.

Mark Elder discussed his scratchbuilt large scale Civil War Napoleon cannon. This model was built many years ago as a metal shop project and features a brass cannon barrel. Mark also presented an in progress Seaview nuclear submarine from the 1960's ABC TV series, "Voyage to the Bottom of the Sea." This is the 1965 Aurora kit that was re-released by Polar Lights. Mark also showed and recommended a very practical and inexpensive airbrush holder available from Harbor Freight Tools.

Tom Dailey's 1/35 "Build It Bad" group build T-54B Russian tank won First (not sure whether that means "Best" or Worst") Prize. Tom also showed two current projects in progress: a 1/35 (Tamiya) T-34/85 and a 1/35 (Trumpeter) prototype KV-220 heavy tank.

We hope to resume live meetings on Monday, August 10. The online meeting adjourned at 8:30 PM.

E. L. Motley, Secretary



# July 13 Remote Meeting Gallery

"Typical old Tamiya easy build."



I am modeling the build after an old Polish TV show called "Four Tankmen and a Dog"

"I painted the kit with the 4BO Vallejo rattlecan"



" I have done some heavy drybrushing..."

**(Left)** Tom Dailey's in-progress 1980's Tamiya 1/35 T-34/85, he will be replacing running gear with MiniArt components & **(Right)** Trumpet's nice 1/35 prototype KV-220, built-out-of box.



**(Left)** Richard Leininger's completed 1/24th scale Tamiya Toyota GT One & **(Right)** Hasegawa's Mazda 687B. Bases are hardwood that Richard applied edging with router. The simulated cracked asphalt is cork tile painted in cheap craft paint then washed in Light Grey. W/Acrylic covers.



Richard Leiniger's in-progress Fujimi '68 Ford GT40 Mk.1 LeMans champion, Ford's third win in a row. Finished in beautiful Gulf Oil Corporation livery.

3



Editor's made this large scale Napoleon, components of cast and machined aluminum & brass. To be reconditioned.



## July 13 Remote Meeting Gallery



Bob Walls' new masking putty, "Theraputty"

"Yes, this is my replacement for Silly Putty to use for masking. Amazon has it in various sizes and 'strength'. Silly putty is rather hard and once it surrounds parts, you can rip them off the model if you are not careful. The Tan and Yellow Theraputty are much easier to apply and remove. The only negative is that their 'flow', compared to Silly Putty, is much faster. Put it on a wing, set the wing up vertically and come back in two hours and the putty will have oozed and spread out. So, you mask and then paint and then remove in one session. It has not pulled up any undercoats of paint. Here is a link for 2 ounces which is about twice what you get in an egg of Silly Putty. \$6.37 with free postage with Prime." Bob

[https://www.amazon.com/School-Specialty-10-0956-XX-Soft-Theraputty/dp/B005P3M244/ref=sr\\_1\\_18?dchild=1&keywords=theraputty&qid=1596124239&sr=8-18](https://www.amazon.com/School-Specialty-10-0956-XX-Soft-Theraputty/dp/B005P3M244/ref=sr_1_18?dchild=1&keywords=theraputty&qid=1596124239&sr=8-18)



The new-mold Tamiya 1/48 Spitfire Mk. I cockpit sub-assembly, by Alex Valz.

2020 Old Dominion Open Sponsor:



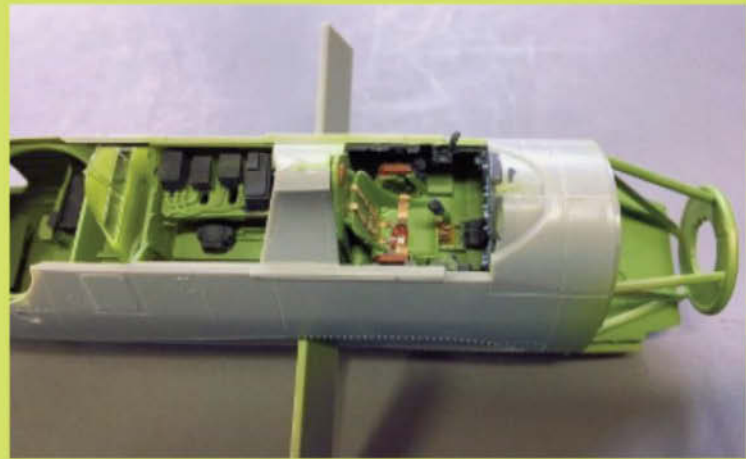
**CENTRAL PNEUMATIC**



Mark Elder purchased this handy Central Pneumatic Airbrush Holder at Harbor Freight for about \$10.00. "Every feature is adjustable up or down, or rotates, so it can hold up to four airbrushes, at various angles. Instead of a table top clamp, the base is 5 1/2" x 3 1/2" and features four suction cups, if you need them. Very portable, great for group build events."



## July 13 Remote Meeting Gallery



**(Left)** Alex Valz's in-progress Accurate Miniatures 1/48 TBM-1C fuselage close-up view highlighting cockpit interiors and radial engine support framework. Note kit provided wing-spars that will support and align wing assemblies. Alex will finish his model in markings of the plane that Bush was piloting when shot down while attacking Japanese held Chicha Jima, Sept. 2, 1944.



**(Left)** Bob Walls' Academy 1/35 M3A1 "Stuart" being converted to "Satan" tank with flamethrower tube, mantel, and other mod's.

"General Info: 1/35 Academy M3A1 Stuart, out of the box except for the Satan flamethrower tube and mantel. Painted with Vallejo Olive Drab. Fit, ease of assembly and overall accuracy is very good. Highly recommend the kit over the early Tamiya offering. The latest Tamiya Stuart is my next Stuart and it looks to be better than the Academy kit. Same M3A1"

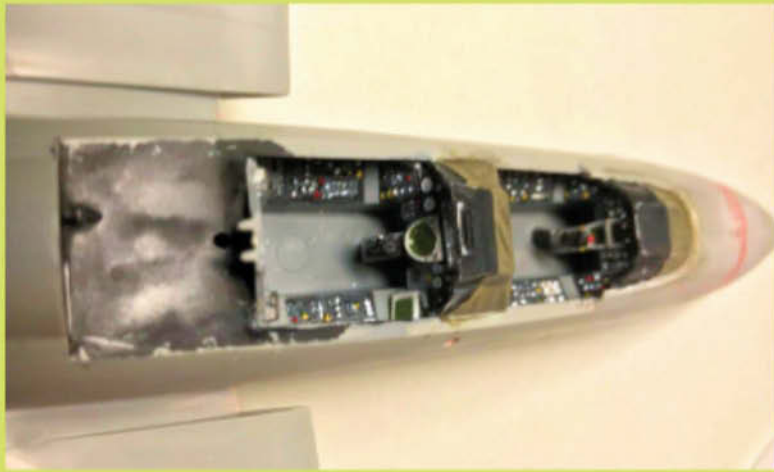
*Bob*

**(Right)** "Yes this was scratch built.. Mike Stelzel cast me a resin 'mantel' which I then sanded to the approximate shape and size of the Satan mantel. I then drilled holes where the 37 mm gun and 30 cal went for the Flamethrower tube and machine gun. I used an aluminum tube for the flamethrower, used a plastic rod for the igniter mechanism, added a wire igniter and cut the barrel off a kit 30 cal machine gun and put that in the hole next to the flamethrower. Since the back of the mantel started life as a copy of the kit one, it fit righto the front of the turret like a glove!"

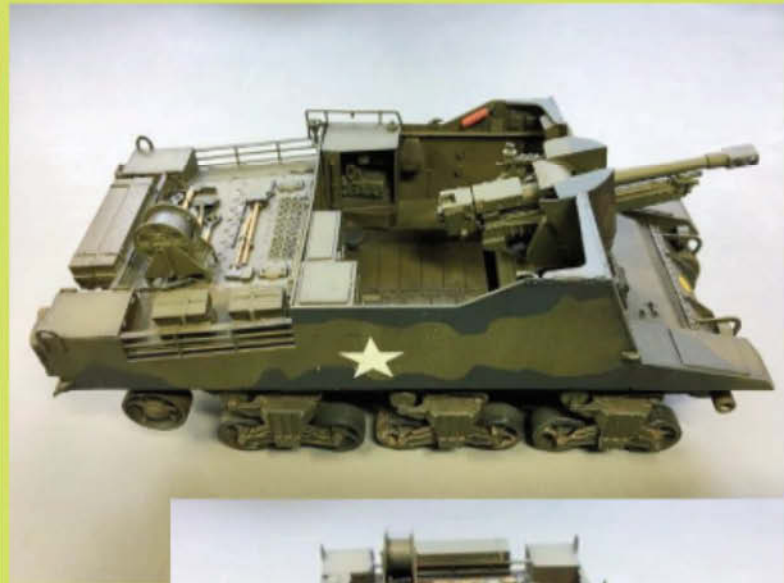




## July 13 Remote Meeting Gallery



E.L. Motley's in-progress Revell 1/48 Grumman F-14A "Tomcat". The cockpit close-up image (**Left**) of E.L.'s fine detail painting gives no indication of the very bad intakes-to-fuselage fit and the extra work and putty needed to blend their joints and contours. (**Right**) Note the swept-back wings that include gearing to sweep both wings simultaneously. The horizontal stabilizers are molded as part of the lower fuselage half.



E.L. Motley's Revell 1/48 P-51D (ex-Monogram) will be painted in very colorful livery of R.C.A.F.. E.L.'s natural metal finish is applied via Testor's rattle-can "Gloss Metallic Silver" and Anti-glare paint is Model Master acrylic "Olive Drab".

(**Right**) Alex Valz's Dragon 1/35 "Sexton II": "Developed by the Canadians, for the British Army, the Sexton was based on the M4 chassis, carrying a 25 pounder howitzer, which is about 88 mm. The kit has some fit problems & the kit rubber band DS tracks broke when I attempted to bend them. I have a set of AFV T62 rubber band track on order."

-Alex







It starts with step one. One of the things that I do is to skip this as a standard operating procedure I will come back to the road wheels later.

Moving on to the lower hull and suspension components there's two e sprues with very minor flash very small mold lines on a few parts.

Lower hull itself is very clean and well-formed good detail with minimal cleanup the suspension components themselves consists of a left and a right which are number 23 or 45. Parts E39 go behind the dampener arms of the suspension it has a rather ugly attachment point don't clean this too vigorously it will be hidden.

Part 41 the suspension arms has a positive locator so alignment should be of little issue. At this point I'm going to skip steps 3, 4 and 5 with road wheels and tracks moving on to step six .

The grill on the rear needed to be sealed with sheet styrene from the inside so you can't see all the way through, this is a very minor issue that's something that modelers have been doing with kits since the beginning of styrene.

After the base assembly of the turret it was completed it was test fitted to the upper hull and after traversing it I found it rubbed a small bit. The fix for that was a new ring of 20K styrene was attached to the bottom of the turret.

Moving along to the really interesting part which is done in Step 16 is the radar assembly it appears intimidating but it is far from it, excellent engineering was applied here, most of the assembly is self-explanatory. When it was time to shape the large PE panels I placed them on a writing pad and gently rolled back and forth across them with a pencil to form them. The radar assembly is then attached to the turret the only issue I saw here was the turret floor was open and could be seen all the way through so that was covered with 10K sheet styrene.







Now the major assembly is complete I returned to the smaller steps that were skipped before. The first of these are the tow cable retainers they are supplied in PE, I chose to cut small pieces of styrene L channel to use instead just due to the fragile nature of the PE parts. The mount for the secondary radar dishes was tweezered into a universe that is known only to flying parts, so new ones were made from styrene Channel.

The tracks in the panda kit are the same that all newer Panda kits have now. These are a work of beauty unto themselves. They are metal individual link. I built one side using the supplied pins and this took approximately 3 hours the other side was done with brass sewing pins and was an hour-long process. Once the tracks were completed they were attached without issues and the entire kit was closed up .

Overall this was an absolute gem of a kit to build I would give it 4.5 five out of five stars. Panda has excelled and gone beyond anything that I could have realistically hoped for with the complex nature of this vehicle. The directions are clear and concise very little is left to figure out. The issues that I have touched on in the above statements are done to aid other people in the building of this kit.. this is a kit that I would recommend to a experienced Builder there will be more Panda armor kits in my future.

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## KIT REVIEW

Author G. Scott Holtz

Scale 1/40

Model Type: (styrene, resin, etc.) Injected Molded Styrene Manufacturer Revell

Model Subject Corporal Missile with Transporter

Please score the following:

Molding	Average
Detail	Average
Fit	Average
Accuracy	Average
Ease of Assembly	Very Good



Please score the following:

Instructions	Very Good
Decals	Very Good
Clear Parts	Average
Multi-media Parts	N/A
Value	Average



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### Comments:

I wanted to build this kit because I remembered it as a child. It was initially released in 1955, 65 years ago! This was my last purchase from Chesterfield Hobbies before they closed. I built the rocket 6 years ago. I dragged my feet, finishing the transporter. I painted the rocket with Tamiya Fine Surface Primer (L) White. Its a good color for rockets and spacecraft. The Transporter is painted in Tamiya Olive Drab XF-62. I built this with a factory fresh finish, as used in the Presidential Inaugural Parade for Dwight D. Eisenhower. The kit decals were used, and went down OK. Its the only game in town for this subject. I like building without pressure, trying to make everything perfect.

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Recommended? Yes  No



# Scott Holtz's 1/40 Corporal Missile & Transporter Gallery



Gallery photos of Scott's Corporal Missile and Transporter were taken during the AMPS Central Virginia (see [ampscv.org](http://ampscv.org)) July 23 meeting. This was Scott's first showing of his newly completed important Cold War era subject.

Total of twelve Corporal Missile Battalions were activated, with six deploying to Europe. The Corporal was in service 06/54 thru 07/64.

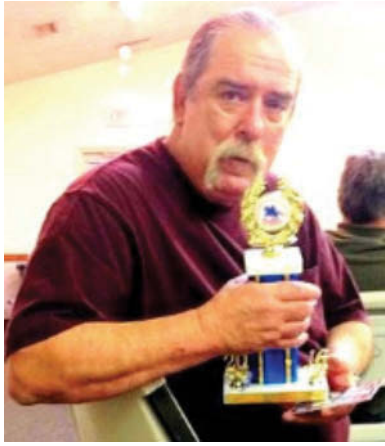


The MGM-5 Corporal Missile could deliver nuclear or high explosive warheads.



Scott fashioned his base from "scrap wood", finished in Minwax "Cherry" Interior Wood Stain.





## ***Next Build: Tamiya 1/24 Mercedes- AMG GT3***



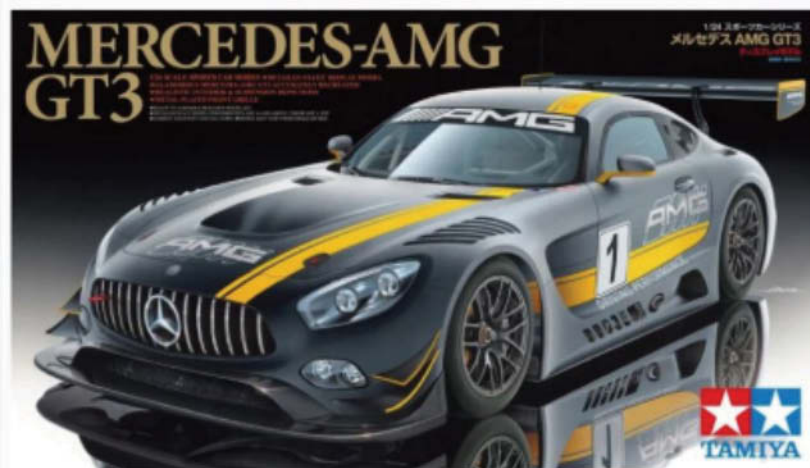
Hope all is well with everyone. I still had not begun to do anything productive in my shop, until I saw a model posted on Face/Book completed by a gentleman from the Grumpy Old Scale Modelers!! He posted pictures of his Tamiya 1/24 Mercedes-AMG GT3, of which I had one in my stash!! I viewed all of his 10-12 photos of it and couldn't believe what I was seeing, every detail of it was 1st class. It made me want to get off my butt and get busy with mine.

Upon opening the box and examining the sprues, I was amazed that the 138 mostly Light Grey parts were so clean, had absolutely NO flash on them, anywhere!! No detail of this model was left out, except it doesn't come with a visible motor, which is ok because you don't miss that when you see the finished model (which is "curbside" class). The interior is beautifully detailed. Also included are mirror faces, window/windshield masks, and a small sheet of screen mesh. It will take a lot of time and patience to build this Superb model!! The instructions call for 17 different colors of paint!! I have the Tamiya spray paint but had to order 12 small bottles of acrylic paint, which I've never used before. I am really excited about this kit. I have never built a Tamiya model before, and the superior quality of it is apparent, as compared to other kit manufacturers' kits.

I highly recommend this kit to anyone who wants something different to build, but it will take a lot of patience and skill, that will be very rewarding in the end!! Oh. one note here, I'm a little short on both but will give it a hell of a try!!

Look for in-progress photos of my Tamiya Mercedes-AMG GT3 build in the September *Spare Parts*. Get modeling and stay safe!!

Tom



Old Dominion Open Sponsor:





Crusader Mk. III Anti-Aircraft tank w/20mm Oerlikon guns  
 Crusader Mk. I British Cruiser tank



This is a little unusual for me, as I am going to do a two-fer. Since both of these kits have the same hull and quite a few of the same parts, it makes sense, and of course, I'm also a bit lazy, so there you are.

I've become quite a fan of this company after building some of their Japanese tanks. They are well detailed, include PE, have very good fit and the suspension systems are a breeze to build. The problem I have with these kits are that they are hard to get locally. Last Cavalry and Kitlinx are the two best sources I know of.

These kits look like they are up to IBG usual standards, the molding is crisp and flash free and there aren't an insane number of parts. As you can see in the pictures, the five sprues all come sealed in plastic bags, plus another for the two track sections and the PE and decals. The parts count is just a little north of fifty, so this is an easy weekend build.

The Crusader I is one of my favorites, with the small machine gun turret on the front slope. Although it was apparently fairly useless and absolute hell to man with the weapon firing and the hatch closed. You can build the turret with the hatch open, but you will need to scratch build at least some turret detail to do that as even with a figure, much of the turret interior will be visible. The kit has decals for two sand versions and one Caunter scheme. Oddly enough, there are no painting instructions or decals for the version shown on the box top.

The Crusader III AA tank shares the hull sprues with a different sprue for the turret. The 20mm guns look very delicate and will be a challenge to remove and clean up. I highly recommend a PE saw for this type of work. There are decals for two versions, both either SCC 15 or olive drab and both in Polish markings.

The PE parts are mostly the sand skirts for both versions. They will be a bit of a challenge to bend, but should look very good when done. The AA tank includes some sights for each weapon, and both sets have straps for the side skirts. The painting guides for both kits do not show side skirts, so you have an out if all of the bending drives you batty.

These look like they will be fun builds and will look good joining my 1/72 scale Army.



## KIT REVIEW

Author Richard Leininger

Scale 1/35

Model Type: (styrene, resin, etc.) Styrene Manufacturer RPG Model

Model Subject Mk 15 Phalanx (Close-in Weapon System)

Please score the following:

Molding	Excellent	<input type="button" value="v"/>
Detail	Excellent	<input type="button" value="v"/>
Fit	Very Good	<input type="button" value="v"/>
Accuracy	Excellent	<input type="button" value="v"/>
Ease of Assembly	Average	<input type="button" value="v"/>



Please score the following:

Instructions	Very Good	<input type="button" value="v"/>
Decals	Very Good	<input type="button" value="v"/>
Clear Parts	N/A	<input type="button" value="v"/>
Multi-media Parts	Excellent	<input type="button" value="v"/>
Value	Very Good	<input type="button" value="v"/>

### Difficulties:

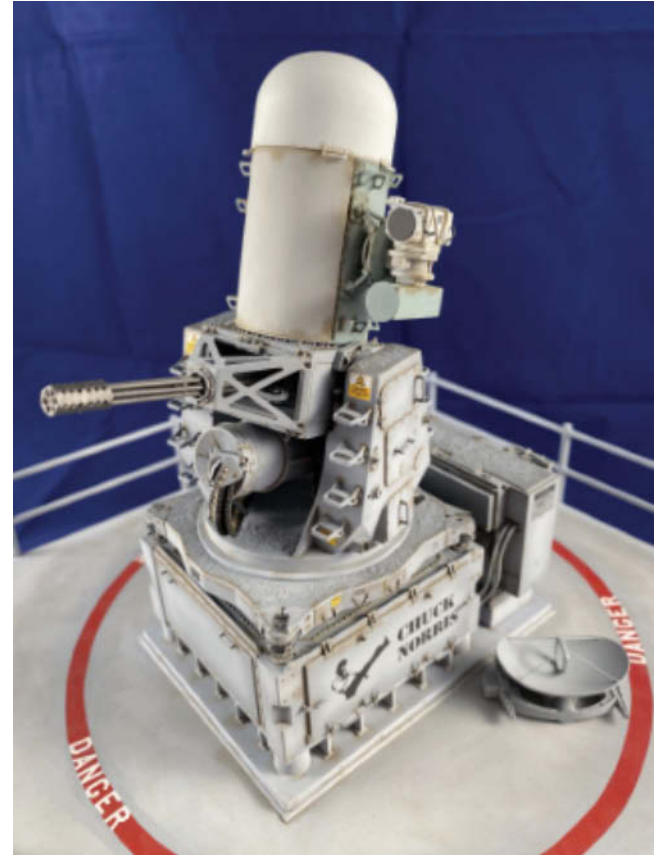
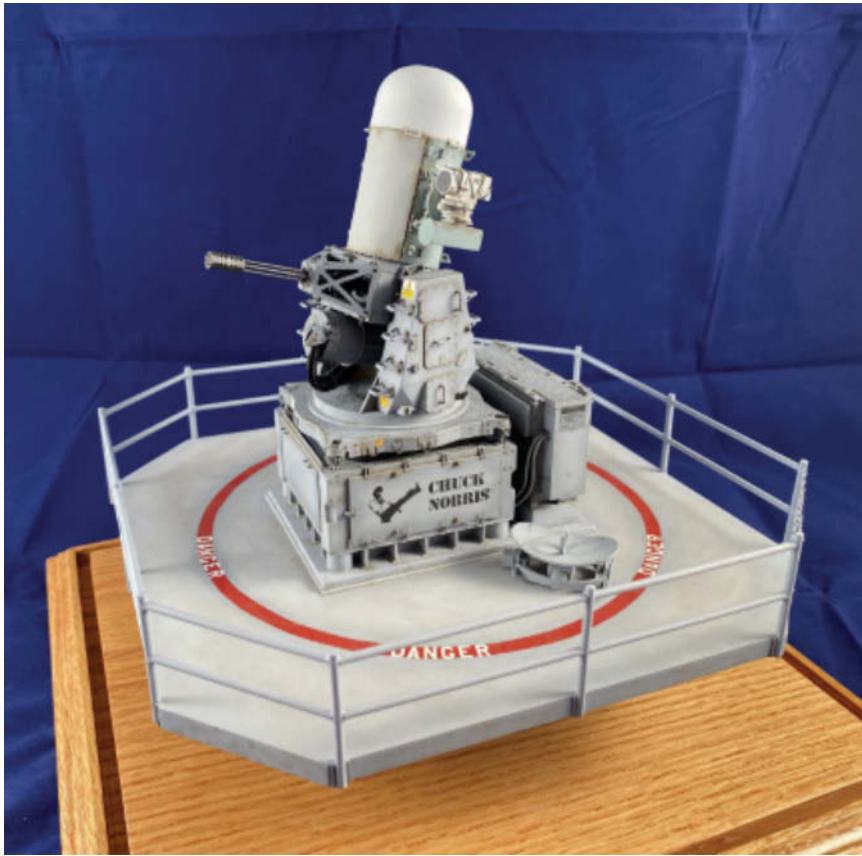
This kit comes with both photoetched and vinyl parts. The photoetched parts are very small and difficult to form properly, which makes this kit very time consuming. However, they do come on a photoetched sheet backed with clear vinyl to eliminate parts from being catapulted when cut from the sheet. That is a big plus. The vinyl parts, which I never like dealing with, are for diaphragms and vibration mounting cushions. These could have easily been moulded in plastic, which would have been easier to glue and paint, since they did not need to remain flexible. The gun barrels were provided in very nice brass tubing, but these were difficult to align properly as none of the holes in the plastic alignment parts were large enough without drilling out. The decals were very good, but some of them are so small they can't even be seen. I decided not to apply the tiny decals as they looked more like mistakes than decal markings.

### Additional Comments:

This model of the MK 15 Phalanx is unique and the only one on the market at this stand alone larger scale. Overall this is an excellent kit and with some extra effort builds into a very interesting subject with very good accuracy when compared to reference photographs. A detailed platform with pedestal mounting structure and railing was scratchbuilt to enhance the display and better represent the subject as it is seen on modern warships today. At \$35 I believe this kit represents a good value for what you get.

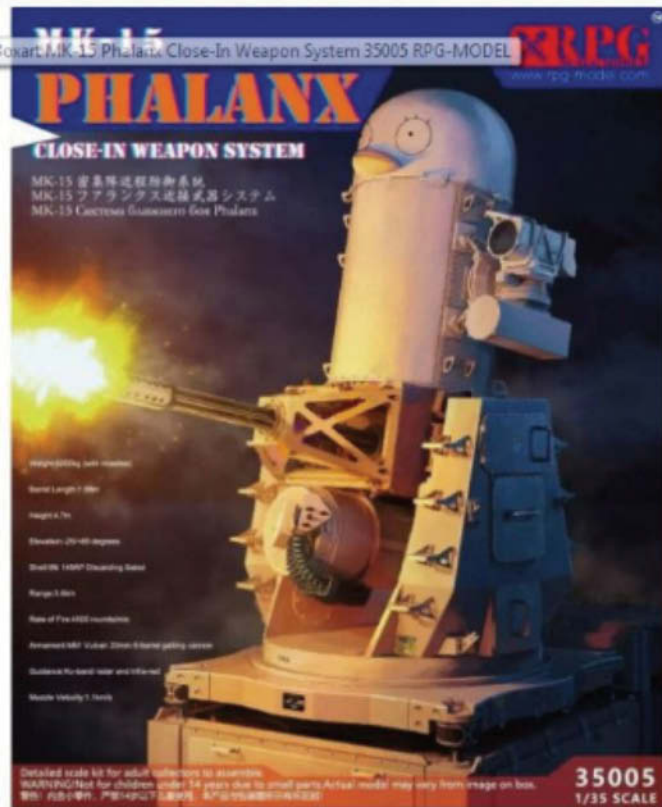
Recommended? Yes  No





The base was made from thick Plastruct sheet stock cut on a table saw. Railings were done with plastic tubing. I made wooden blocks as a template to set consistent height for each of the horizontal rails. I used Model Master Blue-Grey enamel for the base and Tamiya Acrylics for the Phalanx. Gave everything a burnt umber pin wash around all joints and bolts. "Danger" warning circle was done by cutting a circle template from a piece of Vellum using a circle cutter bought on Ebay. Everything was given a final flat seal coat of Testers Dullcoat lacquer.

Richard





I recently made a workbench lighting upgrade, but on the cheap, after several years of utilizing various light bulb and tube types. Some of my light fixtures being gifts from well-meaning family members and friends who do not do the close work of scale modelers and other hobbyists. At 65, I'm adapting to degrading of my eyesight, most of which (focusing) has been addressed by surgery and the use of prescription glasses. Additional magnification for the aforementioned "close work" has been accomplished with a Michaels \$10.99 clip-on magnifier, believe it or not. When figure painting, I resort to a magnifier visor, to assist with scales smaller than 1/32. But, without proper lighting...



**As modelers age, these, and other, eyesight aids may become a necessity. (Left) Clip and Flip Magnifier, and (Right) OptiVISOR.**



Decades ago, as a young Technical Illustrator, office ceiling T-12 and desk lamp T-8 fluorescent tube lighting sufficed for my illustrating and reading plans, maps, etc. Objects lit this way had a bluish cast, but was an improvement over areas illuminated with incandescent bulbs, which produced a yellow/amber cast to objects. As I began anew my interest in scale modeling, I used the lighting accustomed to at work: fluorescent tubes (but in the form of a 48" shop light), with a swivel arm desk lamp (featuring 72 watt halogen bulb and 22 watt fluorescent ring tube) received as a gift. These served me for years, but increasingly detailed model kits, more complicated airbrush painting, as well as the etched metal and resin parts afflictions, required brighter lighting that also reveal truer color values. A growing interest in photographing models also forced a new look at illumination, as well as contrast and color.



**(Left) A 48-in. fluorescent shop light with 2 "Plant-Grow" tubes, suspended 40-in. above work surface, & (Right) two 'True Color' Ott-Lights were my primary workbench lighting, until very recently.**



When visiting others' model rooms, I was keenly interested in the lighting of their spaces and workbenches. Some even additional table space for photographing their completed models, or in-progress photography to accompany their kit review articles. A transition from standard bulbs to "daylight" had become the trend. Subsequently, "True Color" Ott-Lites had become favorites of home crafters, fishing Fly-Tyers, and many scale modelers. The desk top version swiveled on its base, featured a 13 watt "daylight" pin-base fluorescent u-tube, and sometimes a foldaway plastic magnifier. It was not cheap, Priced above \$50 when not on sale. About this time, my bench was illuminated by the same 48-in. shop light, fitted with 32-watt plant growing tubes, and two newly acquired 13-watt Ott-Lites. Each Ott-Lite arm was opened to 14-in. above, and the shop light hung 40-in. above, my workbench surface. This lighting arrangement was a vast improvement in brightness and color value, but I still, occasionally, grabbed for additional lighting.



Last week, I replaced a 13-watt CFL (Fluorescent Spiral Bulb) that came with my swivel-arm lamp, with a Sylvania 23-watt CFL. This bulb features 1600 Lumens (brightness) and 5000 Kelvin (Color Value). I do not have Lumens data for Ott-Lite, but Kelvin was 5500. Although the Ott-Lite's 5500 Kelvin rating is higher (tho 6500-6700 K is optimal), I could not discern the 500 Kelvin difference.

**Lighting: Shop Light & 2 Ott-Lites:**



**Lighting: Shop Light & 1 Sylvania HCL:**



**Lighting: Shop Light & 2 Ott-Lites:**

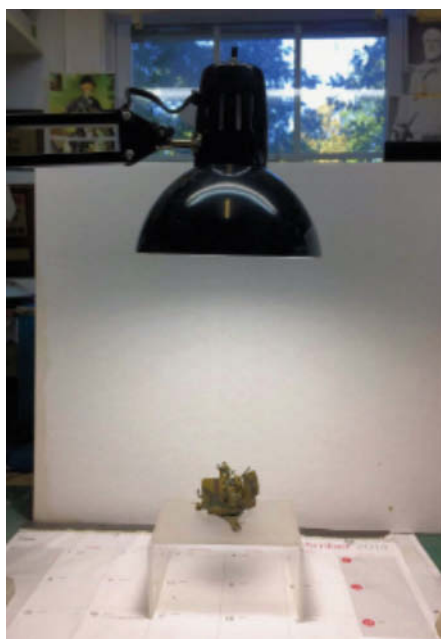


**Lighting: Shop Light & 1 Sylvania HCL:**



The above images are taken with my I-Phone, and not altered, except for cropping. Like the Ott-Lite Arms, the new swivel-arm lamp shade bottom is 14" above bench worksurface, centered on my completed Tamiya 1/35 Flakvierling 38. I hope the resolution of the images has enough quality for readers to see the difference in the compared lighting. There is a subtle improvement with the Sylvania 23-watt CFL shown in the top right image, but the improvement shown in the lower right image is more striking. Brightness and color translation in the lower right image of subject is much improved. Having only one swivel-arm task light (clamped on bench away from work area), instead of two Ott-Lites (located in work area), increases work space and frees an electrical outlet. Four of the Sylvania 23-watt CFL bulbs cost about \$10 at Lowes, and I'm sure (like me) you have a swivel-arm desk lamp handy. This was my lighting solution, but you may also look at HO (High Output) T5 fluorescent and LED lighting, which are much more expensive.





(Left) The Sylvania 23-watt HZ 1911 CFL spiral fluorescent "bulb" fits the standard lamp socket. (Center) The swivel-arm lamp takes up space only above my workbench, unlike the Ott-Lite fixtures, which bracketed subject within the work area. (Right) Shade of the swivel-arm task light with white interior. Something to consider: Painting shade interior Silver, or lining with aluminum foil, are DIY tricks used by aquarists to reflect more light, would also benefit scale modelers.

I hope this unscientific light comparison study is helpful. Searching on-line, I found basically the same 23-watt CFL "bulb" but featuring the increased, but optimal "daylight" 6500 Kelvin rating. It is more expensive, but will provide you with the correct color viewing, a great help when mixing and applying paint. Wattage equivalent: 90. The life of the CFL is sometimes measured in years, not hours. Lumens and Kelvin data are often found on light bulbs and tubes, and/or provided on packaging. You can also "Google" this data. Use this information to help in deciding your next lighting purchase.

I want to hear from readers that are happy with their workbench lighting, and what they use. Those that have transitioned to LED lighting for modeling, it would be especially interesting to know, and report, what your experiences are, and maybe reviews of individual LED lights so that other modelers may benefit from your knowledge.

## Sanding Vinyl Tires

Mark Elder

Admit it, you'd rather sand Super Glue joints than the dreaded vinyl tires provided by kit manufacturers, like Trumpeter. Other manufacturers, like Hasegawa, have replaced their older kit provided vinyl tires with those made of resin or styrene, in their re-releases. Of course, vinyl tires are still provided in mainstream manufactured car kits, 1/25-1/24 and larger scales. There will be raised mold seams to remove, or you want to replicate worn treads. Try this: Place tire(s) in freezer for about one hour, then remove one at a time and quickly begin sanding with fine sandpaper. Please know that this technique does not work on all manufacturers' tires, but when it does... *Awesome!*





# The Colonel Speaks: SEA Camo Scheme On the B-58 "Hustler"?



## Why the B-58 never went to Southeast Asia (SEA):

1. They (military leaders in SEA) didn't want it, and there were no suitable bases available.
2. They didn't need it, many capable combat aircraft types already in-theatre, saturating bases.
3. It was obsolete, with no special capability.

The B-58 "Hustler" was a cool looking aircraft and got a lot of publicity. But as a weapon, it was limited. It was never wanted by Strategic Air Command (SAC), but was selected by President Johnson to give a big contract to Consolidated Aircraft, and voter employment, in Fort Worth, Texas. Consolidated was the wrong outfit to build a supersonic aircraft, in my opinion. Their history in manufacturing included large seaplanes and the B-24 "Liberator" bomber.

With the "Hustler", the USAF encountered multiple problems Consolidated was unable to solve, but could "quick-fix":

- Fuel system never worked properly.
- Unreliable crew ejection capsules that didn't fit into cockpit (installed slanting left) properly.
- Over-control at high speed limited by a "bicycle frame" on cockpit floor (caused fatal accident).
- Maintaining Center of Gravity was critical. System components to maintain CG failed often.

The B-58 bombed by radar only. It was effective dropping A-Bombs only (within 1 mile of target). Navigation was inertial, accurate to within... 1 mile/2000 meters. The B-58's navigation system was much less accurate than those employed by other in-country aircraft, like the F-4 and A-7. As noted, maintaining Center of Gravity was critical. This alone prevented multiple ejection racks (MERs) and conventional weapons from being mounted on Delta Wing or beneath fuselage. A mechanism for sequencing the dropping of iron bombs was never developed for the Hustler. This, alone, would doom the aircraft as its Center of Gravity and mandated flight envelope would be violated, causing pitch-up or pitch-down of an aircraft that was already unstable in four axis.

The aircraft was restricted from high speed, low altitude flight, as the engine pylons tended to sway and fail because of turbulence, causing loss of engine(s). High fuel consumption would result in in-flight refueling, increasing the workload of an already over extended re-fueling fleet. And: At Mach 2, the Hustler's aluminum skin would reach 110 degrees, causing (SEA) paint peel, and multiple, expensive re-paints.



# The Colonel Speaks: SEA Camo Scheme On the B-58 "Hustler"?

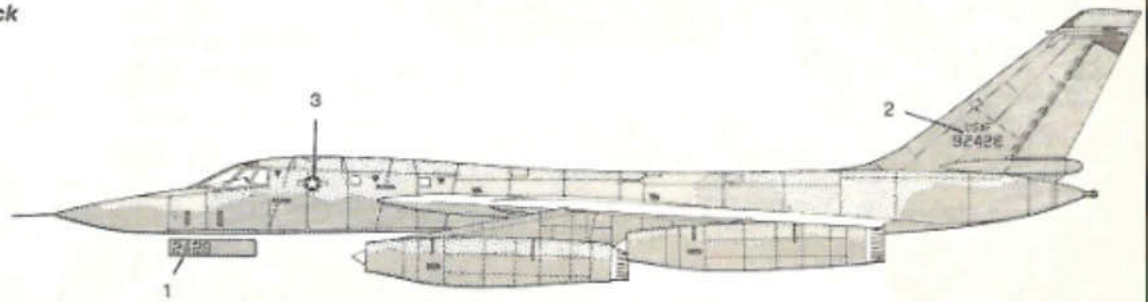
Thanks to Scott Holtz for donating scan of his Testor's B-58 painting guide.

B-58A  
Eglin AFB, 1967-68

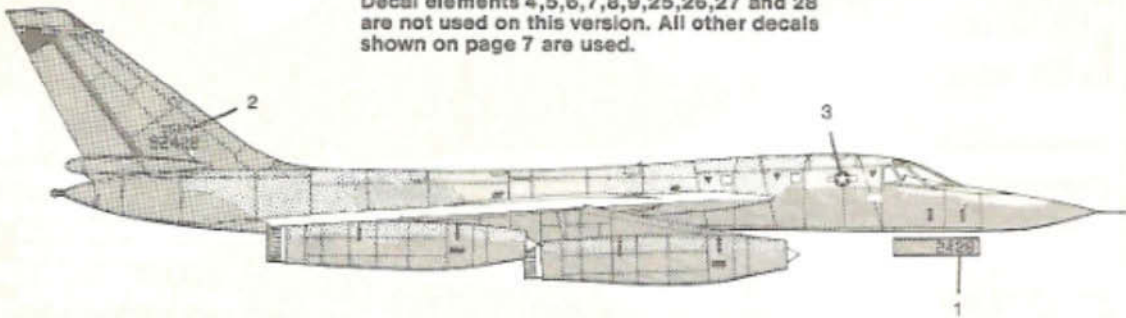
## COLOR KEY

-  FS 34079 Dark Green
-  FS 34159 Blueish Green (mix 1 part FS 34079 Dark Green, 1 part FS 34227 Pale Green and 1 part FS 35164 Intermediate Blue)
-  FS 34201 Greenish Tan (mix 3 parts FS 30219 Dark Tan and 1 part FS 34097 Field Green)
-  FS 17038 Gloss Black
-  FS 37038 Flat Black

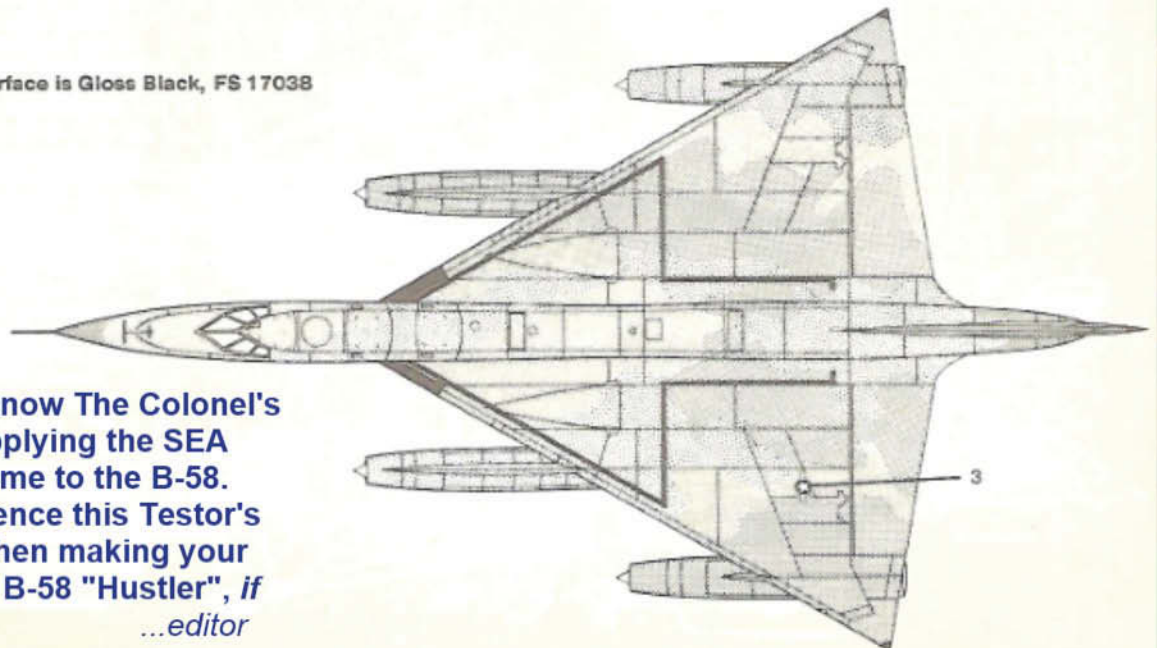
This paint scheme appears in USAF Tech Order T.O. 1-1-4 dated 15 May 1970. The airplane is rumored to have been at Eglin AFB, FL for a period of about 3 weeks. Photographs of it, while said to exist, have not come to Testor researchers. Anyone having information on the camouflaged B-58's - two are said to have existed - is asked to please contact the Testor Plastic Kit Research Division so the history of these interesting planes can be completed.



Decal elements 4,5,6,7,8,9,25,26,27 and 28 are not used on this version. All other decals shown on page 7 are used.



Entire lower surface is Gloss Black, FS 17038



Well, you now know The Colonel's conclusion on applying the SEA camouflage scheme to the B-58. Feel free to reference this Testor's painting guide when making your own SEA garbed B-58 "Hustler", if you dare.

...editor



"Another One Bites The Dust..."

CENTRAL PENNSYLVANIA IPMS PRESENTS

# PENNCON 2020

## MODEL SHOW AND CONTEST

SEPTEMBER 19, 2020 9:00AM TO 5:00PM

EISENHOWER COMPLEX

2638 EMMITSBURG RD, GETTYSBURG, PA 17325

SHOW THEME: **FIRE & ICE**



Jim Capone ▸ Central Pennsylvania IPMS

July 12 · 🌐

Due to the strange times we live in PENNCON 2020 is hereby cancelled. See ya all next year.

Be cool, be safe, stay healthy!

Your **EL PRESIDENTI SUPREMO** and all around cuddly person

Chet Mohn

Thank you

**Walk-in and Display only:**

Individuals \$7.00

Families \$10.00

Children 12 and under admitted free!

and under.

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Vendor Contact: Robbin Crossley (717) 439-4353

e-mail: [ricthfn@aol.com](mailto:ricthfn@aol.com)



# IPMS Richmond Chapter Information

The Richmond Chapter of the International Plastic Modelers Society was established in 1972 by five area scale modelers. Combining great talent and passion for scale modeling, they created IPMS Richmond, with the expressed hope of spreading their enthusiasm for modeling to others in Central Virginia, and beyond.

Chapter members and guests meet the second Monday of each month, sharing their latest projects during "Show 'n Tell", developing improved modeling techniques while enjoying award winning members' demonstrations and special guest speakers. Members organize trips to public events that focus on scale modeling, competition, and history. Quarterly, our members gather just to build models as a group, and to enjoy each other's modeling, in-progress.

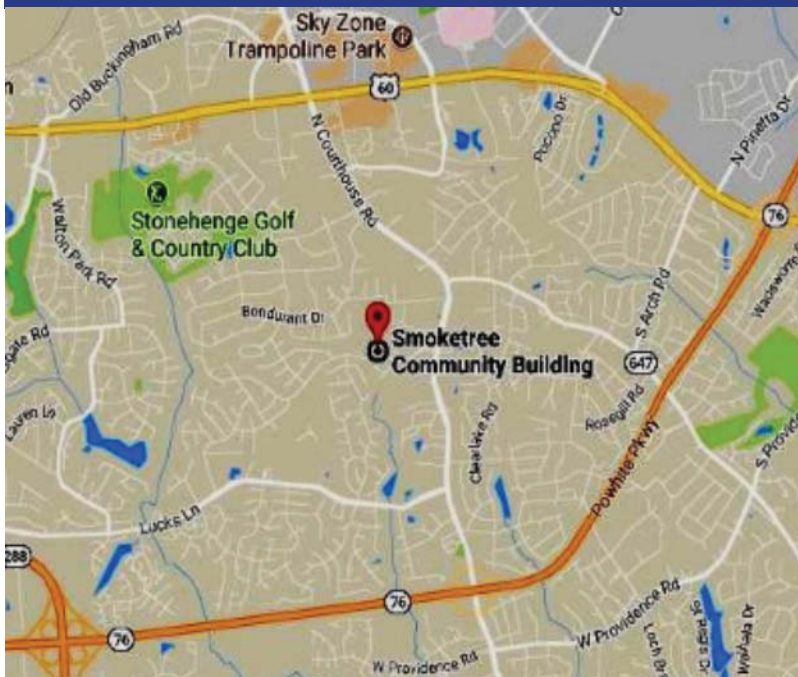
IPMS Richmond hosts the Mid-Atlantic's largest annual one-day scale modeling event, the Old Dominion Open Zone model show and contest, which attracts a thousand, and more, to fellowship, compete, shop vendors offering the latest and vintage hobby products, and to be amazed at the over 1,000 completed scale models on display.

Annual membership fee: \$25 (and special discount family membership fee). IPMS Richmond is governed by its constitution and by-laws, administered by annually elected officers. We share your love for scale modeling, no matter the subject, and we invite you to join us.

**visit [IPMSRICHMOND.blogspot.com](http://IPMSRICHMOND.blogspot.com)**



## Venue: Smoketree Community Building



**11100 Smoketree Drive, Richmond**

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