

Genuine IPMS Richmond

# SPARE PARTS

July

An IPMS/USA Award Winning Newsletter

2021

**Next Meeting:** July 12, 7:00, at Smoketree Community Bldg. (see Chapter Info page). Featured will be "Birth Year" Chapter Contest (see pg. 17 for entry form), Technique Demonstration, and Prize Drawings. Bring a model and a friend. See you there!



*Travis Johnson's beautifully built Tamiya 1/24 Mercedes-Benz 300SL with interior and engine exposed, during the June "Show & Tell". Great modeling!*

IPMS Richmond - Social Media Presence  
[www.ipmsrichmond.blogspot.com](http://www.ipmsrichmond.blogspot.com)

# SPARE PARTS LIST

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Chapter member Tim Bowman needs a ride to meetings. Tim lives at 1217 Nelson St., Richmond. He can meet you at Krogers on Cary St.. Call Tim at (804) 301-2518

*Minutes of June 14 Chapter Meeting...*

*by E.L. Motley, Secretary*

A chapter "Swap Meet" was held before the meeting convened with some bargain hunting and "thinning of stashes" taking place. Chapter President Mike Lyons called the meeting to order at 7:00 PM with 22 members present. Mike announced that the chapter meeting on July 12 will feature our long postponed December contest. The theme will be "Your Birth Year." The July meeting will also feature a raffle. In other announcements, because of so many chapter meetings being cancelled by Covid, the E-Board decided that 2021 dues will be waived for the entire membership. Dues will next be payable in July, 2022.

New member Al Sutton was recognized and welcomed. Al likes model aircraft and ships. Great to have you aboard, Al!

We are now at the point where decisions must be made concerning the February, 2022, Old Dominion Open. President Mike called for discussion and a decision on whether to proceed with the show. Gene Rasmussen made a motion to hold the 2022 ODO as scheduled. This motion was seconded and unanimously passed. We will hold the Old Dominion Open on Saturday, February 26, 2022. Mike also announced that the ODO Committee would have a brief meeting following the chapter meeting.

Mike also requested the members to make plans for our December, 2021, meeting. Although Covid delayed our usual Christmas dinner until May, we plan to enjoy our annual holiday meal December 12, 2021. We have the option of dinner at Mike's brother's restaurant, Supper, or holding the event at the Smoketree Community Center as in years past. After a brief discussion, Tom Dailey moved to have the December dinner at Smoketree. This motion was seconded and passed.

Shows and contests are now beginning to make a comeback. Mike announced that MosquitoCon will be July 31 in Wayne, NJ. PennCon is scheduled for September 11 in Gettysburg, PA, and the IPMS-USA national convention will be held August 18-21 in Las Vegas.

Mark Elder announced that we will no longer be able to keep our large display case at the Chesterfield Airport. The airport is completely renovating the lobby and our IPMS-R display case is not in their plans. We must remove the case and all the models on display and find a suitable new location. The airport management is not giving us a lot of time to act. Everything needs to be moved out by the second week of July. We will likely need to hire professional movers. Mark advised the club he would keep us advised on all developments, and we will seek a suitable new home for our case. The new consolidated HobbyTown store on West Broad at Gaskins may be a possibility. Secretary's note: We now have a new home for our case at Hobbytown. See July Spare Parts for details.



Attendance was good: 21!



Bob Walls' presenting sanding media & tools, some are D.I.Y.

E. L. Motley requested that the chapter consider forming a Program Committee responsible for lining up programs for at least two or three meetings in advance. E. L. noted that the resumption of chapter meetings requires us to encourage members to return and take part in IPMS-R activities. Having interesting demos and other program events will increase attendance and membership participation

Alex Valz provided our financial report. Our chapter treasury continues to be in good shape. Richard Leininger noted that we will have future expenses for Old Dominion Open awards as our chapter will be funding trophy packages instead of seeking contributions from other clubs. Except for "special" and "best of" awards, the trophies will be undated. We will, however, continue to solicit kits for ODO raffle prizes.

After a brief break, Bob Walls presented a very informative demo on the variety of sanding materials available for model builders. Bob showed how best to sand seams and other imperfections without damaging or misshaping parts. He also made homemade sanding sticks and pads using Norton A275 Self Stick sandpaper. This is a new 400 grit material that comes in a roll with adhesive on the back of the sandpaper. Bob also gave samples to his audience.

Our "Show & Tell" segment followed with nine modelers presenting 23 models, including some "works in progress." The meeting then adjourned. The Old Dominion Open Committee held a brief planning session following the chapter meeting.

E. L. Motley, Secretary



Alex Valz presents the Tamiya 1/48 P-38G "Lightning". Look for Alex's exclusive build review of this awesome recently released kit in the August issue of *Spare Parts*.



Alex Valz's Meng 1/35 "Whippet Mk. 1" with custom-made base and figures.



Alex's Hasegawa 1/48 P-40E "Warhawk" of the A.V.G., the iconic "Flying Tigers"



(Above & Right) Alex's Tamiya 1/35 "Tiger I" #131



Travis Johnson presents his Tamiya 1/20 Pit Crew w/F189 Formula 1 Car diorama.



(Left) Close-up of Travis' Pit Crew diorama & (Right) his Tamiya 1/24 Mercedes-Benz 300SL.



Scott Wallace's Dragon 1/35 Sd. Kfz. 165 Initial Production "Hummel" 15cm S.P.



E.L. Motley's Monogram (now Revell) 1/48 P-51D "Mustang", 1950's Swiss Air Force



(Left) Tom Dailey's 1/35 Tamiya L.R.D.G. truck w/Breda 20mm cannon & (Right) Italeri AB40 Armored Car



Tom's Italeri 1/35 WWII Lend-Lease Soviet "DUKW"



Tom's I.B.G. Models' 1/35 Lancia 3Ro Open Cab Italian Truck with 100mm 100/17 Howitzer (Self-Propelled Artillery Platform). *"The 3Ro Italian truck was a 5-cylinder diesel engine vehicle from the Ro line of trucks (Ro " 2-cylinder and Ro-Ro " 3-cylinder). Both Civilian and military versions were produced between 1938 and 1947. It was the main heavy truck of Royal Italian Army during the World War II, serving in Balkans, North Africa and Eastern Front. Around 9500 of these vehicles were produced in many useful variants. Several captured vehicles also served in Allied army, in the heavy section of LRDG forces."...Scalemates*



(left) Milton Conkle's Polar Lights 1/24: "Racing Cars" & (above) "Speed Racer"

(Right) Milton Conkle presented the [salvinosjrmodels.com](http://salvinosjrmodels.com) (right) 1/25 Junior Johnson Racing 1981 Chevrolet Monte Carlo, still boxed, but not sealed to show parts sprues, instructions, and decals to attendees. Periodically, this kit manufacturer produces limited quantities of exquisitely molded models of NASCAR classics. These kits can be ordered by members who value accurately molded and decal race cars of past glory and checkered flags.



(Left) Kimiyoshi Okabe's Hot Wheels (1/64?) "NSX", stripped, repainted, and custom markings applied. Note the quarter added for scale reference.

Photo by Richard



Richard Leininger presents his Fujimi 1/24 Ford GT40 '68 Le Mans Victory Car. Richard also fabricated acrylic cover and wood & cork tile display base.



Photo by Richard



(Left) Tamiya's 1/20 McLaren Honda MP4/4, 1988's winner of 15 out of 16 races. Low slung on custom made wood base. "Asphalt" is cork tile painted Black, then a Light Gray wash is applied to color in cork texture. Not shown is custom made acrylic dust cover.

(Right) Revell's 1/25 scale (originally the Motorola sponsored C.A.R.T.) Indycar kit, with "Marlboro" paint scheme and aftermarket decals. Driver: Dil De Faroan. How To Wear Effect on kit's tire tread: airbrushed Metalizer Sealer-thinned Testors bottled "Dullcoat", with a couple of drops of Testors "Flat White" paint added. Rest of tire sprayed with un-lightened "Dullcoat".



Photo by Richard





Really nice storefront and signage, with mascot vehicle on display. No, Gene Rasmussen is not the official greeter!



Spacious aisles, high ceilings, ample scale model inventory, and excellent lighting are welcomed features of this new hobby superstore. Employees continuously offered assistance with locating merchandise, etc.



Finished models are displayed behind, and under, glass. Offset from the end of the store's "MODELS" wall shelving (Left), is the new location of the chapter's 7 ft. H. x 2' D. x 6 ft. W. display case (not shown). Details of future chapter public build events and display case placement of member's models may be discussed during the July 12 chapter meeting.

Gene Rasmussen and I selected HobbyTown Richmond's grand opening as a good time to discuss the date of the IPMS Richmond chapter display case delivery, and its floor location, with HobbyTown owner Michael Dayton. Mr. Dayton left a closed door staff meeting to welcome us and discuss the display case. Chapter officers and membership surprised, about one month ago, by Chesterfield Airport's decision to remove the display case from the Terminal Lobby because of construction, and because a mass collection of toy and model aircraft recently hung from King's Corner Restaurant's ceiling has, apparently, made our display of accurately built and beautifully finished model aircraft redundant. Initially creating panic, this move has created a greater opportunity to team with HobbyTown to provide greater public exposure of members' completed models, of all subjects!

# IPMS RICHMOND

## OLD DOMINION OPEN

**SCALE MODEL SHOW & CONTEST**

**FEBRUARY 26, 2022**

**RICHMOND RACEWAY COMPLEX**

**Henrico Hall  
600 E. Laburnum Ave.  
Richmond, VA 23222**

**Doors Open at 8:30 am  
Registration Closes at  
12:00 pm Noon**

**Over 70 Model Categories  
Hobby Vendors  
Huge Kit Drawing**



*2020 ODO Best in Show Winner*



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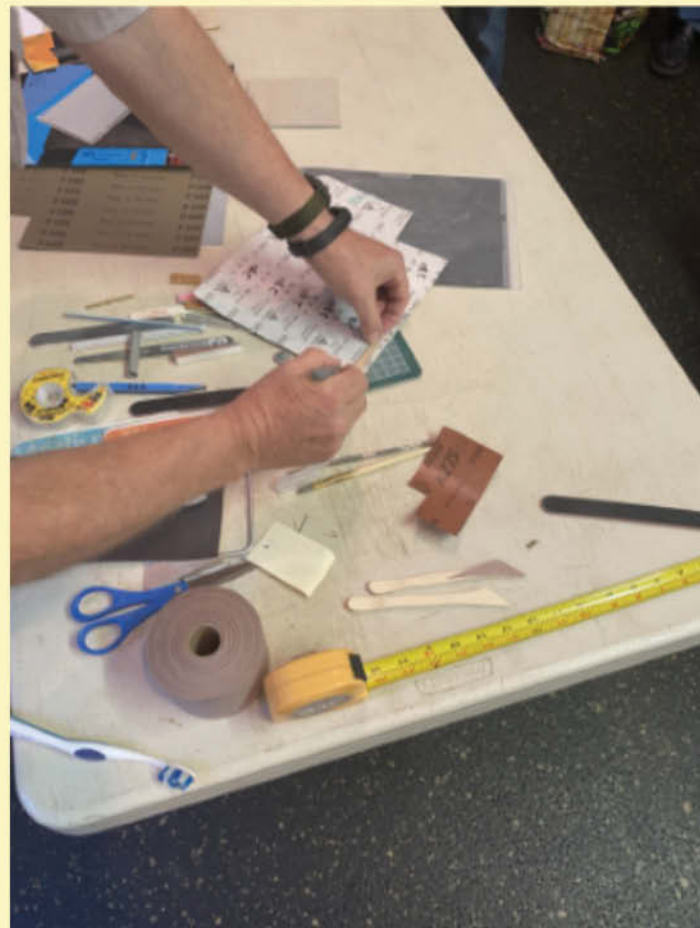
Keep your sandpaper in folder and store upright to keep the sheets from getting wrinkled. Wrinkled sandpaper is almost useless.



Most sandpaper has the grit number on the back. But if you are cutting off small pieces you can get on without a number. I write the grit number in the areas that don't have any. The 3m paper has few numbers. The other sheet was made in Switzerland!



Sand paper that has been left in a drawer.





## LOOKING INSIDE THE BOX: ZVEZDA'S 1/48 SU-57 "FELON"

By E. L. Motley

There is an escaped felon on many fast jet modelers' "most wanted" list that can now be safely apprehended. Zvezda recently released their highly anticipated 1/48 model of Russia's new stealth fighter, the Sukhoi Su-57 (NATO designation "Felon"). With one of my hobbying interests being Warsaw Pact and Russian aircraft, I had my own "be on the lookout" for this kit as soon I learned Zvezda was releasing it. For those who are similarly interested in modeling Cold War era and later fighter jets, let's have a look inside the box.

Thanks to Zvezda's sturdy packaging and Hobbylinc's excellent shipping practices, my Su-57 arrived with nary a dent or ding. Inside a large (19.5" x 12" x 3.5") heavy duty cardboard box are 249 pieces, all sealed in clear plastic except for the large blended fuselage and wing halves. The superbly molded clear parts arrive in their own clear plastic zip-lock bag. Another zip-lock bag contains two decal sheets nicely printed with far more than the usual Russian red stars and bort numbers. Stenciling and Cyrillic "fine print" for ground crewmen are abundant, and there is a second decal sheet for walkway and "No Step" areas. However, as with much stenciling, even in 1/48 scale a number of the decals border on being microscopic.

An initial inspection of the styrene indicates high quality molding with good detailing, including suitably recessed panels. There are a few minor spots of flash, but no sinkholes or other obvious flaws. No ejector pin marks jumped out, either. The only broken part I noticed was a boarding ladder I wouldn't be using anyway (and which could still be repaired with some carefully applied super glue). The top fuselage / wing half has a pebbly or slightly grainy finish which may require buffing with 2,000 grit sandpaper...it's too early to tell. The pebbling is not on the bottom half. This is my first experience with a Russian manufactured model kit. I am VERY highly impressed. To me, this kit appears to be on a quality level equal to current Airfix and Trumpeter moldings. And for such a large model, this looks like a very straightforward build.

Like our F-22 Raptor and F-35 Lightning II, the Su-57 relies upon stealth and seeks to minimize radar and infra-red signatures. As with the U.S. stealth fighters, armament is preferred to be carried inside enclosed weapon bays. However, when the mission requires it, additional missiles, bombs or fuel tanks can be mounted on underwing pylons. However, adding external stores

increases drag and greatly reduces the aircraft's stealthy characteristics. Zvezda's Su-57 features two well-detailed weapon bays on the bottom of the fuselage. To fill the bays, you have six R-77 "Adder" air to air missiles. If you want to load up the wings, there are also pylons for two supersonic drop tanks, two Kh-31 "Krypton" air to surface missiles, and two R-73 "Archer" air to air missiles. The weapon bays can also be built closed up and the underwing stores omitted for a totally "clean" aircraft. However, the 30 mm gun reportedly carried in the Su-57's starboard wing root has been left off.

The cockpit is sufficiently detailed (at least for me) with decals for display screens and side panels. There is also a five piece ejection seat and a very detailed four piece pilot figure to sit in it. Sorry, no separately molded seat belts or photoetch. But there is a HUD and the targeting device all Russian fighters since the MiG-29 appear to carry just forward of the windscreen. However, contest builders and extra detailers are advised to purchase Quinta Studio's new (and amazing) 3D cockpit decals specially made for this kit. Eduard is already releasing aftermarket accessories for this model.

The jet intakes include trunking back to detailed turbine faces, but seams, painting and the trunking's outer side being a main landing gear bay could make this the most challenging part of the build. The landing gear bays may need some extra scratch detailing. Zvezda appears to have upsized their earlier 1/72 Su-57 kit. This could explain this 1/48 kit's lack of intricate detailing in places. Still, the jet intakes and exhausts look more than acceptable. The Su-57 uses exhaust vectoring, and this kit offers both raised and dropped exhaust nozzles. Other than the canard-like triangles over the jet intakes, there are no droppable flaps or other positionable control surfaces.

Zvezda provides the options of building the Su-57 with landing gear down, canopy open or closed, level or downturned exhausts and weapons bays opened or closed. Curiously, Zvezda's Felon can also be built with the pilot aboard, gear up, in flight and mounted on a plastic stand like a desk model. But no stand is included in the kit—I'm assuming Zvezda sells the stand separately at additional cost. Might the Russians have a better understanding of capitalism than we do?

While kit instructions aren't on a par with what Airfix and Eduard now provide, they are still very good and easy to follow. Instructions are printed in Russian and English and include a parts map of sprues "A" through "G." Paint call-outs are by numbers keyed to Zvezda's own line of paints (presumably only available in the Motherland). But fear not. Included with the instructions is a two-sided full color guide to painting and decaling. And thankfully, Tamiya

acrylic paint matches for Zvezda paints are listed. There is even a duplicate color match table (with swatches) printed on the side of the kit box!

Zvezda's painting guide shows the two "latest" Su-57 schemes of pixelated grays and blues. If you want to spend the next few weeks of your life with a straight edge, cutting mat, many X-acto blades, tweezers, and an awful lot of Tamiya masking tape, I salute your patience. If you can accomplish that pixelated paint scheme well, I predict you'll snag a trophy in a future contest. Still having your sanity afterwards, I'm not as sure of. So, for those of us who consider this hobby a fun pastime and not a form of penitence, I will digress here to offer some free advice. If nothing else, I'll save you money on Tamiya tape. Here are my reasons why you can say "nyet" to the paint pixels.

There are several things to note about Zvezda's paint schemes. First, the two aircraft Zvezda depicts are prototypes. Along with the two pixelated paint schemes shown, Su-57 prototypes have been finished in a dark gray and white scheme and also a splinter pattern of white and multiple shades of gray. A variable blue and light gray scheme camouflage similar to early Sukhoi Flankers has also been observed.

The Russian Air Force received their first production Su-57's on December 24, 2020, and they didn't release any color photos celebrating the event. I seriously doubt that anybody in the U.S. (other than some very reclusive and unpleasant people in Langley, Virginia) knows with certainty the color scheme of Russia's newest and most advanced fighter jet. The bottom line is if you want to build a frontline production Su-57, it's anyone's guess as to how it's painted.

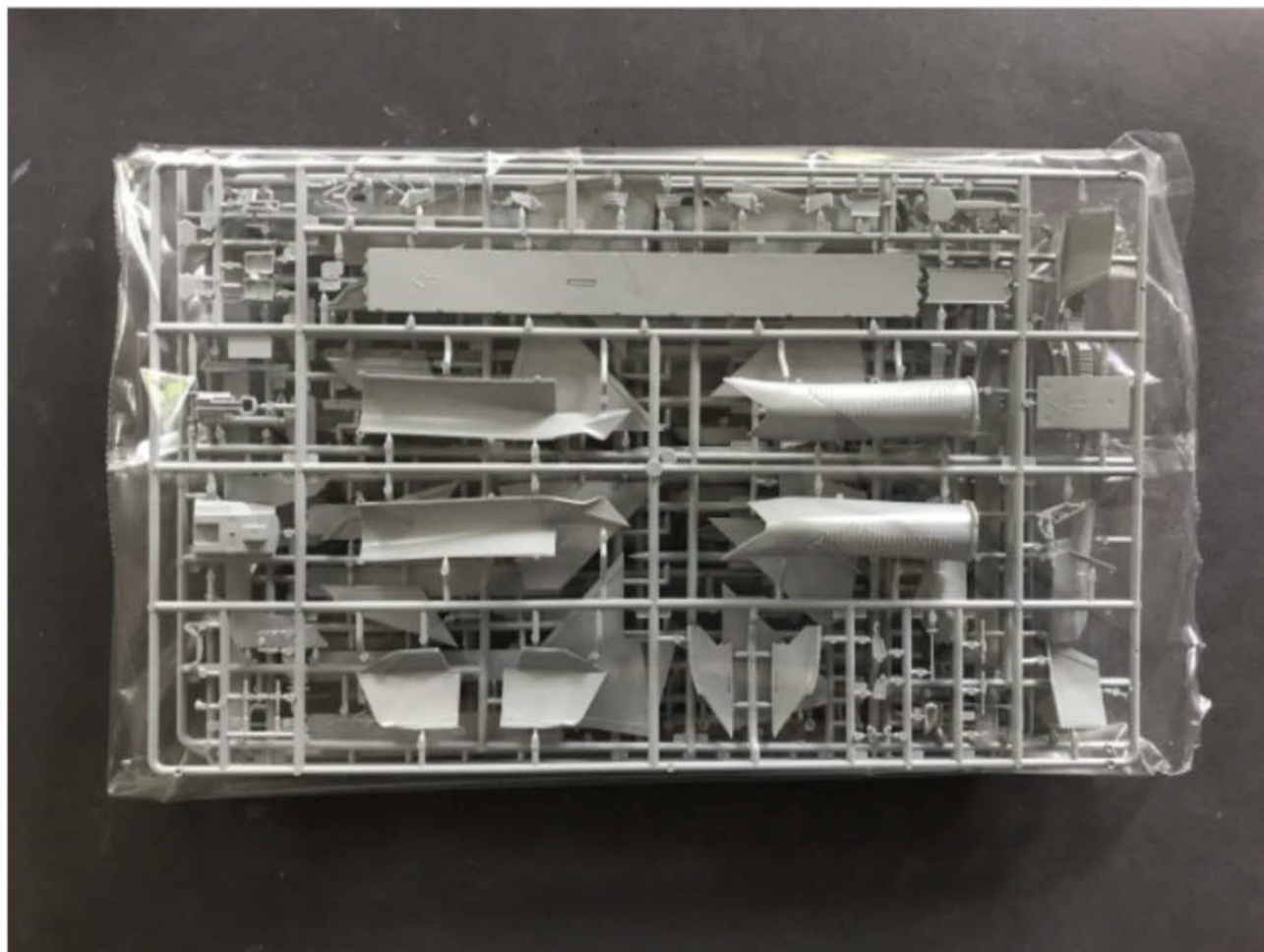
Second, the Russians historically take either of two approaches with introducing their latest combat aircraft. For example, the MiG-25 Foxbat and Su-24 Fencer stayed hidden from Western eyes (and cameras) for years. On the other hand, the MiG-29 Fulcrum and the Sukhoi Su-27 Flanker proudly and prominently toured international air shows soon after entering Russian service. MiG-29's even visited USAF, RAF and other NATO airbases. It is still too early to tell how much of the Felon the Russians will reveal.

Finally, the Russians have used some outlandish paint schemes for publicizing what are only prototype or demonstration aircraft. A number of Flanker variants were seen in unusual camouflage schemes for photo ops, but then reverted to simpler blues and grays in squadron service. In recent years, Russia's Fulcrums, Flankers and MiG-31 Foxhounds have carried either a low-viz blend of blues and grays or on some planes, topsides painted something akin to

British Extra Dark Sea Gray. And most Su-24 Fencers wear what resembles U.S. Dark Gull Gray over white. I could be very mistaken, but my hunch is that the Russian Air Force's Felons will fly in color schemes not too different from the Fulcrums and Flankers they will ultimately replace. No warranty on that, though!

Zvezda has molded and released an impressive 1/48 model of what may become one of the most important military aircraft of the 2020's. The kit doesn't appear overly complicated and should provide a good build for intermediate to experienced modelers. This 1/48 Su-57 retails for \$70.00, but Hobbyline and Sprue Brothers both sell it online for around \$55.00 plus shipping. Sprue Brothers also carries Eduard accessories and Quinta's 3D cockpit set.

There is already much buzz about the Su-57 Felon and how much of a threat it poses to our F-15's, F-22's and F-35's. The Felon is clearly a highly sophisticated and formidable aircraft. Some of the Felon's features resemble Northrop's YF-23. Russia plans to build more than 200 Su-57's by 2028, with a planned service life of 35 years. Like our own F-35, the Su-57 took nearly 20 years to develop with many delays and setbacks. The Russians want the Su-57 ultimately to become their principal air superiority fighter and precision strike aircraft. I will cover the Felon in greater detail in a future article. For now, comrades, I highly recommend Zvezda's 1/48 Su-57.

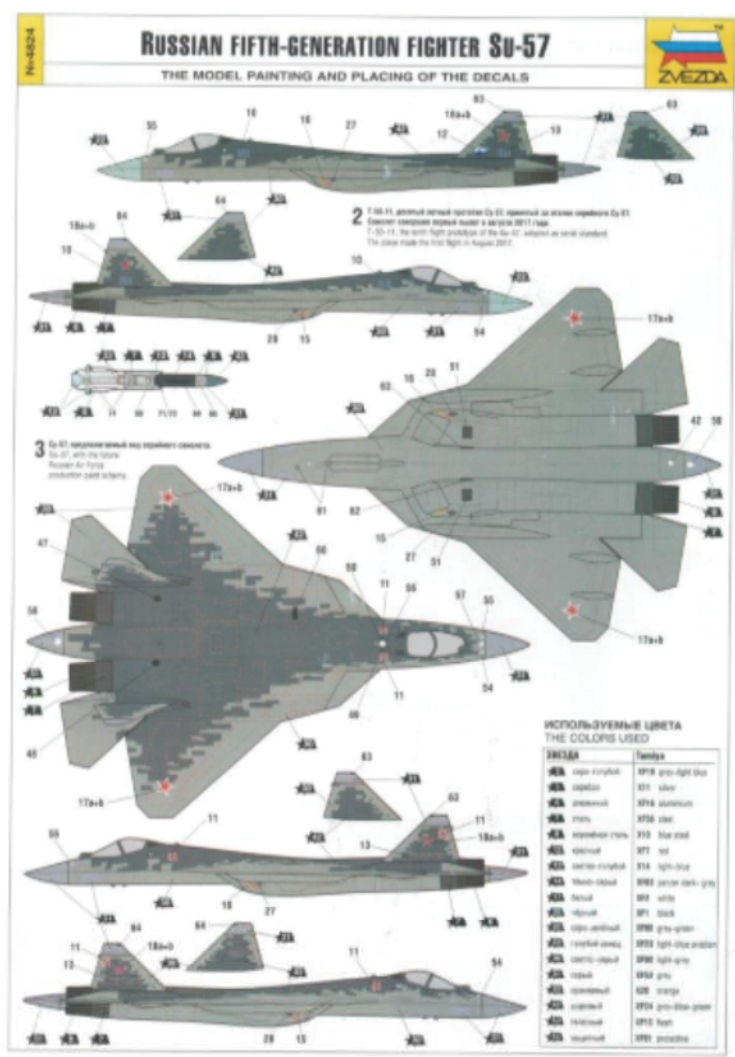


# "Looking Inside the Box": Zvezda's 1/48 Su-57 "Felon"

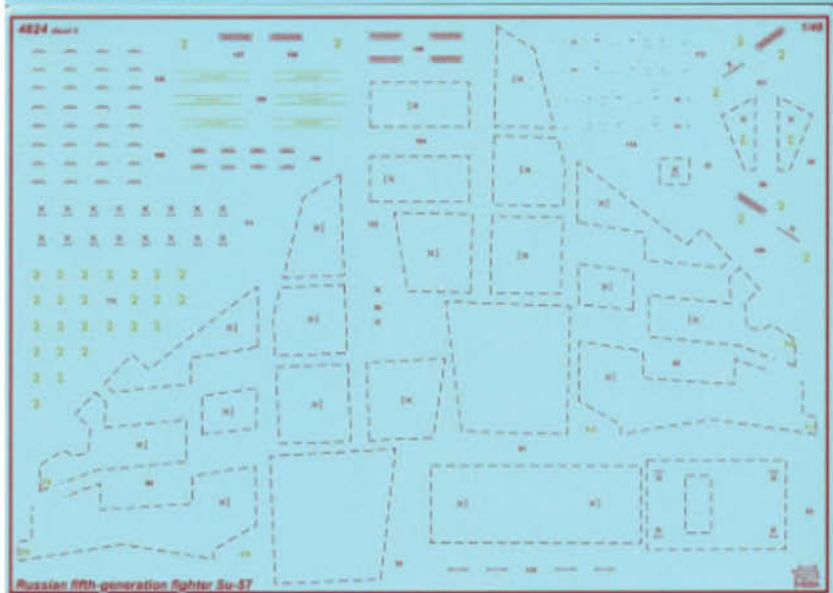
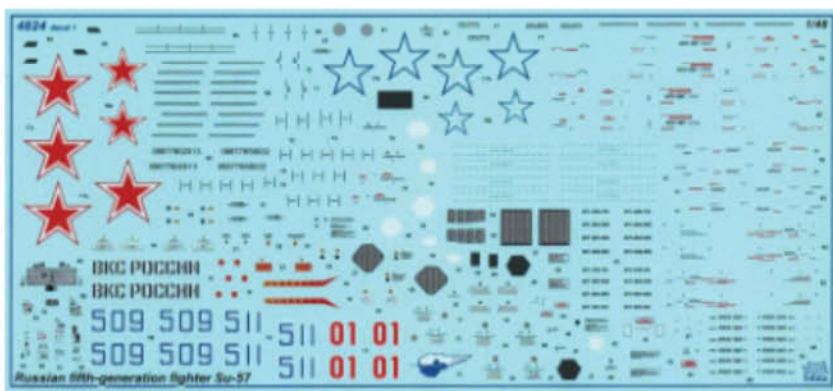
...by E.L. Motley



Kit's Fuselage - Wing Halves



Pixilated Gray Scheme



Kit Decals



Splinter Camo Topside



# JULY 2021 CHAPTER CONTEST ENTRY FORM

PRINT ALL INFORMATION CLEARLY, COMPLETE FORM PRIOR TO REGISTRY OF ENTRY



**ENTRY NUMBER:** (from registrar).....

**CATEGORY NUMBER:** (see below).....

**Place a check or "X" if you are 17 years old or younger**.....

## CATEGORIES

- 1) Figures 2) Armor/Artillery/Softskins 3) Civilian Cars/Trucks  
4) Maritime 5) Aviation 6) Real Space & Sc-Fi 7) Dioramas & Vignettes  
8) Other Subjects 9) Birth Year Entries

**SUBJECT:** \_\_\_\_\_

*Manufacturer*

*Designation*

*Popular Name*

**KIT(s) USED:** \_\_\_\_\_ **Scale:** \_\_\_\_\_

ENTER IN SPACE BELOW ANY MODIFICATIONS, TECHNIQUES, OR OTHER INFORMATION YOU WISH TO BRING TO JUDGES' ATTENTION. PLACE ADDITIONAL DOCUMENTATION WITH YOUR ENTRY, IF DESIRED. IF THIS IS A BIRTH YEAR ENTRY, PLEASE EXPLAIN.

-----  
*Fold under and place beneath Entry*

**NAME:** \_\_\_\_\_ **ENTRY NO.:** \_\_\_\_\_

**SUBJECT:** \_\_\_\_\_



*The Very*  
**BEST OF THE WEST**  
 2021 IPMS/USA NATIONAL CONVENTION  
 LAS VEGAS, NV



**AUGUST 18 - 21, 2021**

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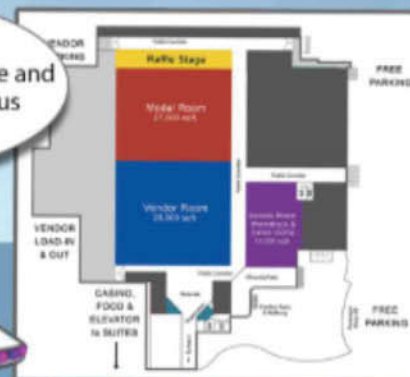
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Excellent lighting with thick easy-on-your-feet carpeting

Eight demo rooms

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 Contest Rules & Categories  
 Contest & Vendor Forms

General Information  
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# 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.

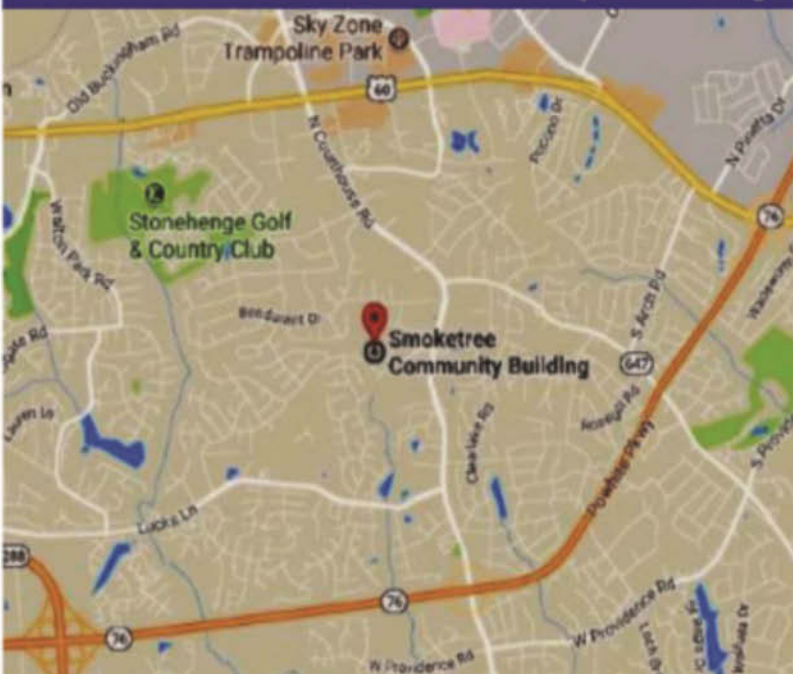
IPMS Richmond hosts the Mid-Atlantic's largest annual one-day scale modeling event, the Old Dominion Open model show and contest, which attracts a thousand, and more, to fellowship, compete, shop vendors offering the latest and vintage hobby products, and to be amazed at the over 1,000 completed scale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

IPMS USA membership is encouraged, but not required. Chapter annual membership fee: \$25 (& 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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