



Ground Power

Central VA Chapter, Armor Modeling & Preservation Society | John Robinson, Editor | Volume 28 No.11

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UPCOMING CHAPTER EVENTS

NOV 24	Friday am/pm MODEL BUILDING DAY 9:00 am - 6:00 pm VFW Post 10657
NOV 24	Friday pm MEETING: VFW Post 10657 DEMO: Figure Painting by Tom Jett
DEC 29	Friday pm MEETING: VFW Post 10657 DEMO: Photo-etched Brass Tips by Mike Paquette

MEETING AGENDA


(segments vary in length)

- 6:30 OPENING REMARKS, UPDATES
- DEMONSTRATION (~30 min.)
- PASS IN REVIEW (~90 min.)

LOCATION

VFW Post 10657
11568 Cedar Lane
Ashland, VA 23005

PRE-MEETING DINNER

 Pizzaro at 5:15 p.m.
9966 Brook Rd.
Glen Allen, VA 23059

AMPS-CV Model Building Retreat: April 30-May 5

Mike Petty started taking reservations during the October meeting and 14 spots are already taken so if you didn't already reserve yours, email Mike at tanker@va.metrocast.net. When the count reaches 18, you can still sign up but you'll be on a waiting list for cancellations.

November Meeting

The day after Thanksgiving, we will have our meeting as usual that Friday night. We will also open up the building at 9:00 a.m. that day for a model building session that lasts until the meeting starts at 6:30 p.m. Breakdown/setup for the meeting should begin around 6:00 p.m.

AMPS-CV

MEETING/BUILD DAY

ALL DAY! FRIDAY, NOVEMBER 24

VFW POST 10657 - 11568 CEDAR LANE
ASHLAND, VA 23005

BUILD TIME: 9:00 A.M. TO 6:00 P.M.
MEETING: 6:30 P.M. TO 9:00 P.M.

Bring a comfy chair, task lighting and an electric extension cord if you need power. Food and beverages are welcome, but alcohol is not.






Last Month's Demonstration: Making Brick Structures Using Cork

by Mark Fergel

There are many ways to replicate brick in miniature but Mark prefers cork because it provides immediate results, is easy to use and has a random nature. It also works with any paint. You can find cork sheets of various thicknesses at Michael's craft stores or internet based retailers such as Amazon. Here are notes from Mark's demo.

Tools/Materials

- Cork: get thicknesses based on your scale needs. Adhesive-backed cork is available but not necessary. Texture and grain vary, so shop around.
- Cutter: Mark prefers a rotary cutter for general use, because it doesn't drag on the material. Also handy is a balsa stripper, a tool that cuts perfectly straight lines by using a guide and a sharp hobby knife blade in a secure mount. It is adjustable for various widths.
- Glue: Mark prefers wood glue but white glue and CA adhesives also work. Wood glue provides a stronger bond than white glue and allows time to adjust placement compared to CA. If you do use CA, Mark prefers the black rubberized formula but be aware that it will melt XPS foam.
- Drywall Spackling: use this to simulate the mortar between the bricks. Any type will do.
- Ruler or straightedge: metal is preferred.



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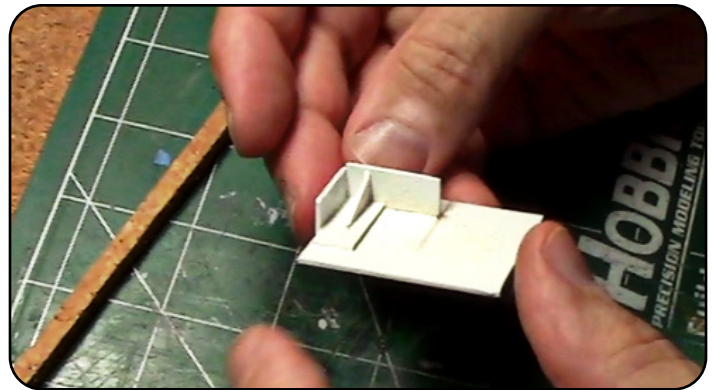
Use a balsa stripper to cut perfectly-straight lengthwise cuts.



Balsa stripper results.



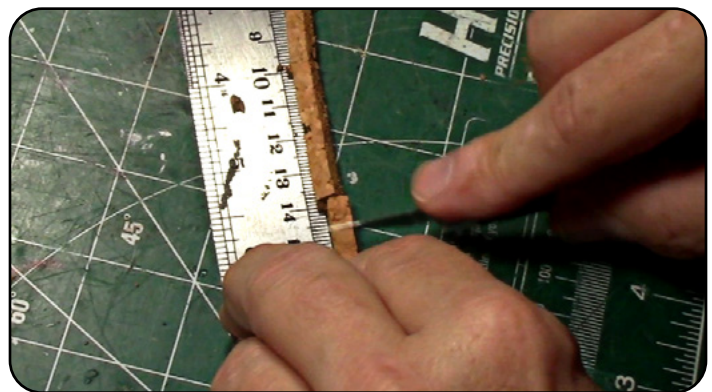
Using a straightedge (ruler) and a rotary cutter also works well.



Cut the bricks from the cork strip using a jig made from styrene sheet.



Push the cork strip up to the stop and cut with a sharp hobby knife blade.

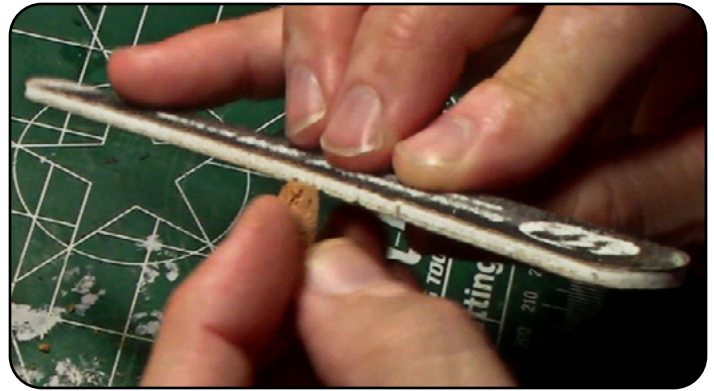


Bricks can also be made using the marks on a ruler as a guide.

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Bricks after cutting. Rough edges or broken pieces are okay!
Real bricks behave the same way.



Knock off the sharp corners with a coarse sanding stick for the best effect.



Leftover cork dust is useful for debris.



Mark keeps the cork dust in a baggie for future use.

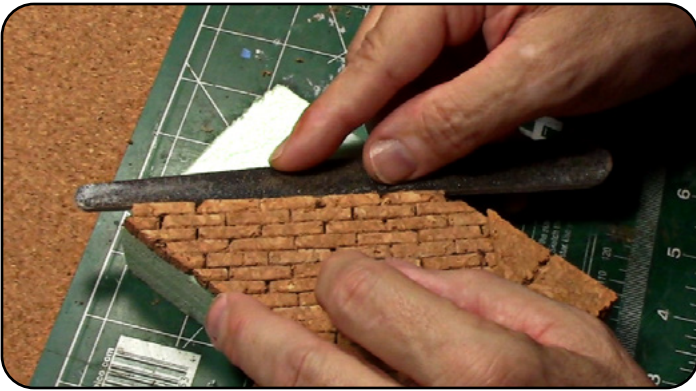


First mark a perfect straight line using a ruler. Then proceed to glue bricks from that line. Do not make brick lines parallel to the base edge.



Keep adding bricks until you're done. Let bricks extend past the base edge (for now).

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Push the bricks against the previous line to keep straight.



Want to simulate a crack in cement? Flex a piece of cork.



It will break unevenly and in a natural way. Lightly scrape the top edge of the break with a hobby knife blade.



Put the two pieces back together and you have a natural crack.



A broken piece can also simulate reinforced concrete by inserting a piece of copper wire to simulate rebar.



Unlike plaster, cork bends. Use CA glue to quickly lock down curves.

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Depict brick mortar by smearing Spackling over the bricks and removing most of it using a wet cloth or sponge.



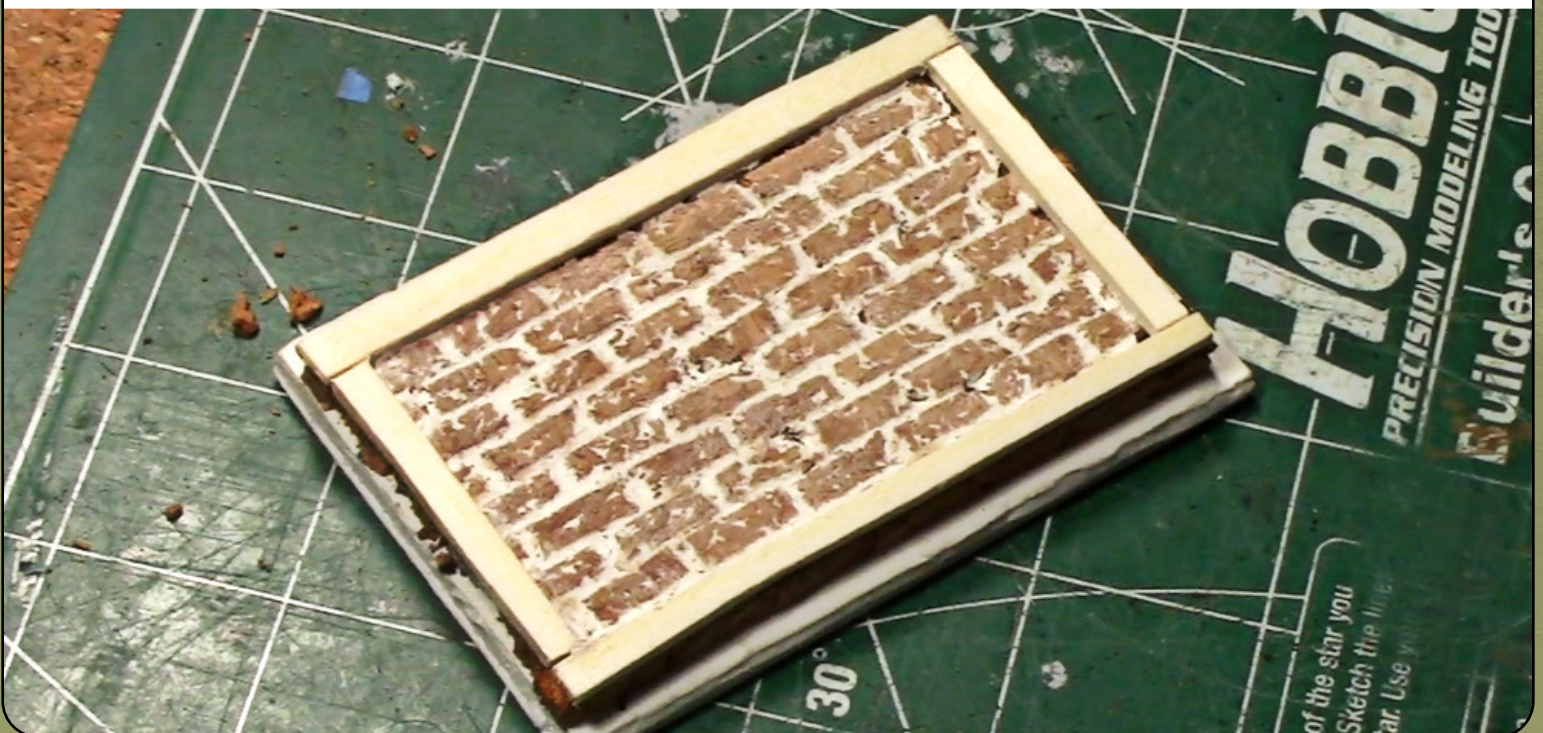
When the Spackling is dry, cracked or broken areas can be made using a hobby knife.



Extend bricks past the base edge....



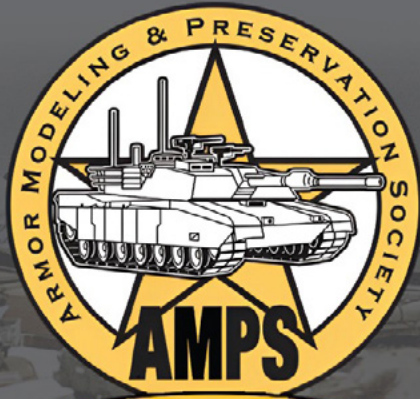
...then flip the base over and trim the cork excess with hobby knife.



BORESIGHT

THE AMPS MEMBERSHIP MAGAZINE

SEPT / OCT 2023



30th Anniversary 1993-2023

A Short History of AMPS • Reign of Terror • AMPS Judging From the Beginning • My Time As the AMPS Chief Judge • AMPS Master Gallery • The Story of Boresight • AMPS Family Photo Scrapbook • Local Chapter News & Upcoming Shows

Boresight September/October 2023

A Short History of AMPS by Stephen "Cookie" Sewell, Mike Petty, and Neil Stokes

Reign of Terror by John Charvat

AMPS Judging From the Beginning by Steven Andreano

My Time As the AMPS Chief Judge 2008-2018 by Mike Petty

AMPS Master Gallery by The Editor

The Story of Boresight by The Editor

AMPS Family Photo Scrapbook by The Editor

Local Chapter News & Upcoming Shows

Membership includes the society's Boresight magazine that is published six times per year. In it are exclusive articles about armor research and modeling.

	1 year	2 years	3 years
USA	\$30	\$55	\$80
Canada/Mexico	\$35	\$65	\$95
International	\$40	\$75	\$110
Junior*	\$15	\$30	\$45
Family**	\$15	\$10	\$15
Digital***	\$25	\$45	\$65

* Juniors: members aged 17 years or younger.

** Family: active regular members living at the same address.

*** Available to International members living outside North America.

Renew or start your AMPS membership online at: www.amps-armor.org

PayPal, Visa and MasterCard accepted

To pay by check or money order, enter your delivery information at right and mail it with your payment to:

AMPS Membership
PO Box 807
Thorn Run Rd.
Moon Township, PA
15108-9998
USA

Name: _____

Address: _____

City: _____

Zip Code: _____

State: _____

Country: _____

Email: _____





IPMS RICHMOND

International Plastic Modelers' Society : Richmond, VA Chapter

Since 1976

2024 Old Dominion Open Scale Model Show & Contest

Saturday, February 24

80 Model Display Categories
Extensive Vendor Marketplace
Huge Modeler's Drawing

1st, 2nd & 3rd place awards for each category, plus these special awards:

Judges' Best In Show • Best Junior
Best Aircraft • Best Automotive • Best Diorama • Best Figure
Best Gundam • Best Maritime • Best Military Vehicle
Best Real Space & Sci-Fi

Schedule

Doors open at 8:30 a.m.

Vendors open all day

Registration Closes at 12:00 noon

Judging Starts at 12:30 p.m.



Location (new this year)

Richmond Raceway Complex

The Old Dominion Building

600 E. Laburnum Ave.

Richmond, VA 23222

General inquiries, please contact Bob Walls: robertwalls@comcast.net

Find IPMS Richmond online:

ipmsrichmond.blogspot.com

facebook.com/IPMSRichmond



		2023						
		S	M	T	W	Th	F	S
JANUARY	01	02	03	04	05	06	07	
	08	09	10	11	12	13	14	
	15	16	17	18	19	20	21	
AMPS-CV Meeting	22	23	24	25	26	27	28	AMPS-CV Build Day, VFW Post
FEBRUARY	29	30	31	01	02	03	04	
	05	06	07	08	09	10	11	
AMPS-CV Meeting	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	Old Dominion Open, Richmond, VA
MARCH	26	27	28	01	02	03	04	
	05	06	07	08	09	10	11	AMPS-CV Modeler's Retreat, Fort A.P. Hill, VA
	12	13	14	15	16	17	18	
AMPS-CV Meeting	19	20	21	22	23	24	25	
APRIL	26	27	28	29	30	31	01	
	02	03	04	05	06	07	08	
	09	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
AMPS-CV Meeting	23	24	25	26	27	28	29	
MAY	30	01	02	03	04	05	06	AMPS International Convention, Camp Hill, PA
	07	08	09	10	11	12	13	
	14	15	16	17	18	19	20	
AMPS-CV Meeting	21	22	23	24	25	26	27	
JUNE	28	29	30	31	01	02	03	
	04	05	06	07	08	09	10	
	11	12	13	14	15	16	17	AMPS-CV Build Day, VFW Post
AMPS-CV Meeting	18	19	20	21	22	23	24	
JULY	25	26	27	28	29	30	01	
	02	03	04	05	06	07	08	
	09	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
AMPS-CV Meeting	23	24	25	26	27	28	29	
AUGUST	30	31	01	02	03	04	05	
	06	07	08	09	10	11	12	
AMPS-CV Meeting	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	Americans in Wartime Museum Open House, Nokesville, VA
SEPTEMBER	27	28	29	30	31	01	02	
	03	04	05	06	07	08	09	
	10	11	12	13	14	15	16	
AMPS-CV Meeting	17	18	19	20	21	22	23	AMPS-CV Build Day, VFW Post
	24	25	26	27	28	29	30	
OCTOBER	01	02	03	04	05	06	07	
	08	09	10	11	12	13	14	ArmorCon, Southbury, CT
	15	16	17	18	19	20	21	
AMPS-CV Meeting	22	23	24	25	26	27	28	
NOVEMBER	29	30	31	01	02	03	04	
	05	06	07	08	09	10	11	
	12	13	14	15	16	17	18	
AMPS-CV Meeting	19	20	21	22	23	24	25	AMPS-CV Build Day/Meeting (FRI), VFW Post
DECEMBER	26	27	28	29	30	01	02	
	03	04	05	06	07	08	09	
	10	11	12	13	14	15	16	
	17	18	19	20	21	22	23	
AMPS-CV Meeting	24	25	26	27	28	29	30	
JANUARY	31	01	02	03	04	05	06	



2024

	S	M	T	W	Th	F	S	
JANUARY	31	01	02	03	04	05	06	
	07	08	09	10	11	12	13	
	14	15	16	17	18	19	20	
AMPS-CV Meeting	21	22	23	24	25	26	27	
FEBRUARY	28	29	30	31	01	02	03	
	04	05	06	07	08	09	10	
	11	12	13	14	15	16	17	
AMPS-CV Meeting	18	19	20	21	22	23	24	Old Dominion Open, Richmond, VA
MARCH	25	26	27	28	29	01	02	
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	10	11	12	13	14	15	16	
AMPS-CV Meeting	17	18	19	20	21	22	23	
	24	25	26	27	28	29	30	
APRIL	31	01	02	03	04	05	06	
	07	08	09	10	11	12	13	
	14	15	16	17	18	19	20	
AMPS-CV Meeting	21	22	23	24	25	26	27	
MAY	28	29	30	01	02	03	04	AMPS-CV Modeler's Retreat, Fort A.P. Hill, VA
	05	06	07	08	09	10	11	
	12	13	14	15	16	17	18	
AMPS-CV Meeting	19	20	21	22	23	24	25	
JUNE	26	27	28	29	30	31	01	
	02	03	04	05	06	07	08	
	09	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
AMPS-CV Meeting	23	24	25	26	27	28	29	
JULY	30	01	02	03	04	05	06	
	07	08	09	10	11	12	13	
	14	15	16	17	18	19	20	
AMPS-CV Meeting	21	22	23	24	25	26	27	
AUGUST	28	29	30	31	01	02	03	
	04	05	06	07	08	09	10	
	11	12	13	14	15	16	17	
AMPS-CV Meeting	18	19	20	21	22	23	24	
	25	26	27	28	29	30	31	
SEPTEMBER	01	02	03	04	05	06	07	
	08	09	10	11	12	13	14	
	15	16	17	18	19	20	21	
AMPS-CV Meeting	22	23	24	25	26	27	28	
OCTOBER	29	30	01	02	03	04	05	
	06	07	08	09	10	11	12	
	13	14	15	16	17	18	19	
AMPS-CV Meeting	20	21	22	23	24	25	26	
NOVEMBER	27	28	29	30	31	01	02	
	03	04	05	06	07	08	09	
	10	11	12	13	14	15	16	
AMPS-CV Meeting	17	18	19	20	21	22	23	
<i>Thanksgiving</i>	24	25	26	27	28	29	30	
DECEMBER	01	02	03	04	05	06	07	
	08	09	10	11	12	13	14	
	15	16	17	18	19	20	21	
AMPS-CV Meeting	22	23	24	25	26	27	28	
JANUARY	29	30	31	01	02	03	04	



Pass and Review from October



Tamiya US LVTP7A1

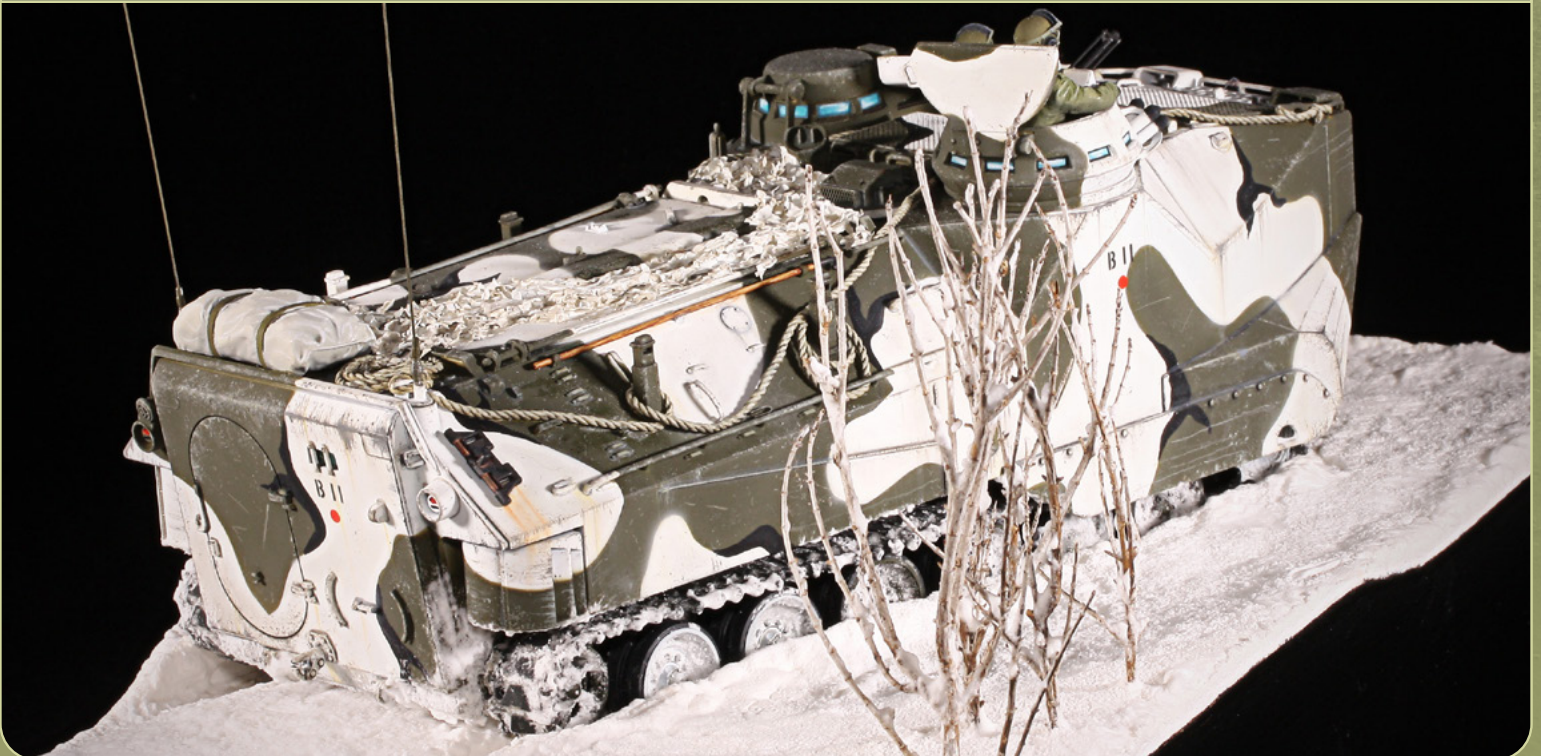
in 1:35 scale

by Tabb Tharrington

This kit dates back to 1987 and is rather basic. The single-piece vinyl track was first cleaned aggressively with Comet cleaner and then primed Tamiya NATO Black. Missing periscope glass was added with styrene and

painted blue/green with highlights from a white pencil. Various photo-etched brass scraps were utilized for tool stations. The engine deck mesh was cut from a Royal Model set. The .50 cal MG blank adapter is from DEF Model. The commander is a combination of a Verlinden torso and Alpine arms and head. The parka fur was made with Green Stuff putty textured

with a hobby blade. The antenna is a resin replacement that was drilled through for a segment of .015" music wire. The camouflage net is from AFV Club but Tabb would not recommend it. The base was made from XPS foam and white DAS clay. The snow is Baking Soda with white glue and gloss varnish.



Pass and Review from October



Panda Hobby Russian BMD-2
in 1:35 scale
by Tabb Tharrington

The Panda kit is hard to find but is very good and contains photo-etched brass for the grills and finer parts. Tabb hollowed out the headlights and added Resicast lenses. The tracks are individual links with separate guide horns and very fussy to deal with so they were replaced with Masterclub

workable individual link tracks. Mr. Color lacquer paints were used along with Tamiya black. Panzer Putty was used as a mask for the camouflage. The figure is by Masterbox, but has replacement boots and head from Live Resin.



Pass and Review from October



AFV Club US M728 CEV
in 1:35 scale
by Scott Bregi

This model is finally done. Scott painted the searchlight interior with AK-interactive Spastic Chrome, but more recently discovered the Super Chrome line that is superior for mirror-like finishes.



Pass and Review from October



Takom US M103A2
in 1:35 scale
by Mike Petty

Mike was very impressed with the kit's quality and accuracy. A metal barrel is an option, but unfortunately it doesn't fit the mantlet cover, so the plastic barrel was used. The only other issue Mike mentioned was the omission of a searchlight power

cable, which was fashioned from .030" lead wire. It was painted AMMO Vietnam Olive Drab and weathered with a wash of AMMO Brown for Dark Green Vehicles.

A complete review and build article is available on the [AMPS website](#).



Pass and Review from October



Takom Japanese O-I
in 1:35 scale
by Mike Petty

The kit provides four metal barrels and the tracks are individual link. Mike said he worked on nothing but tracks for three days! There are no exhaust screens in the

kit so Mike plans to make some from scrap mesh.



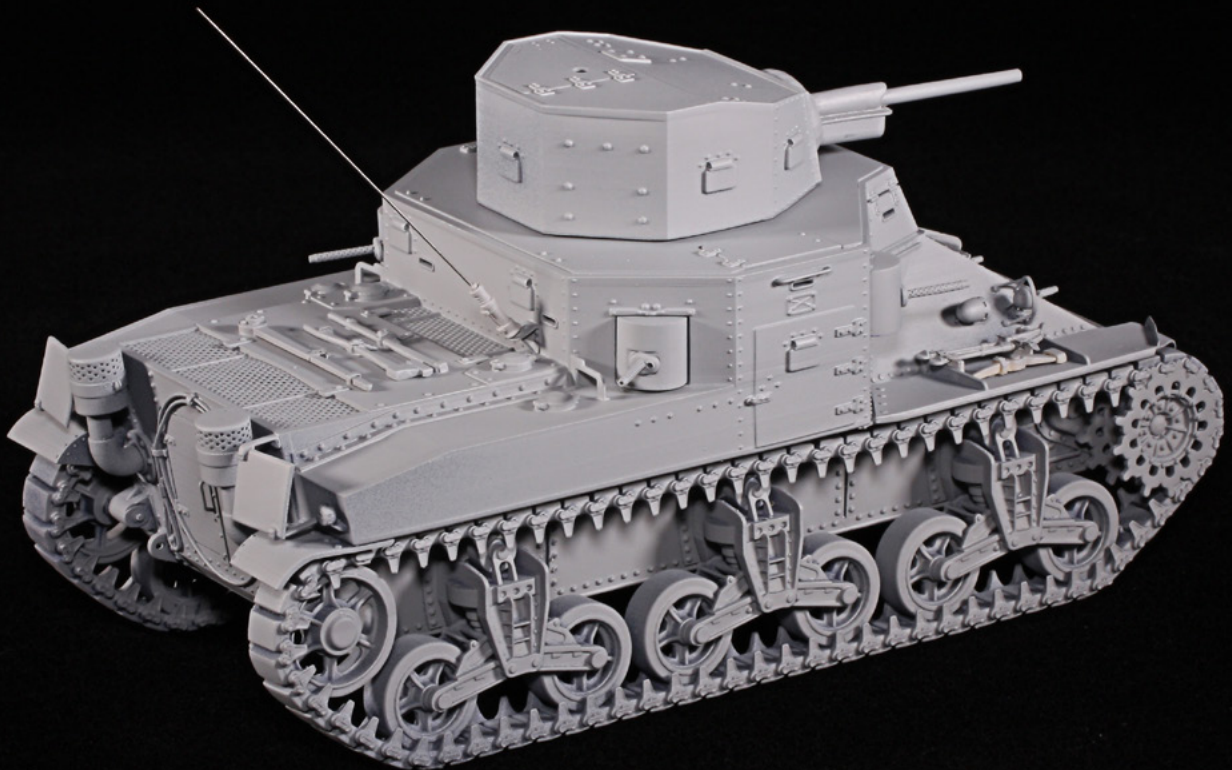
Pass and Review from October



Vargas Scale Models US M2A1
in 1:35 scale
by Mike Petty

This 3D printed kit comes with nice surface detail but suffers from printing layer lines in some areas that were next to impossible to smooth out. The tracks and suspension are a single unit. The main gun barrel was replaced with one from a spare Tamiya kit.

The bow machine gun barrels were replaced with ones from a Dragon half track. The antenna and tools are from Formation Models. A missing siren was added from the spare parts box.





AMPS-CV Workbench:
Vargas Scale Models US M2A1
in 1:35 scale
by Mike Petty

*"It's marked for the 67th Trank Regiment
in the 1940-1941 time frame. My first duty
assignment out of Armor School was with
the 2/67 Armor so I found a unit crest in
my old Army stuff to mount on the base."
--Mike*



AMPS-CV Quatermaster

This page is dedicated to member-recommended products and places to purchase hobby products.

If you have a company you want to add to this list, contact your editor [via the chapter website](#).

Product Manufacturers

[Abteilung 502](#)
[AK-Interactive](#)
[Alliance ModelWorks](#)
[AMMO of Mig Jimenez](#)
[Archer Fine Transfers](#)
[Armand Bayardi](#)
[Badger Airbrush](#)
[Bolddivision](#)
[Copper State Models](#)
[D-Day Miniature Studio](#)
[DN Models](#)
[Echalon Fine Details](#)
[Elefant Corporation](#)
[Eureka XXL](#)
[GasPatch Models](#)
[Hauler](#)
[Heavy Hobby](#)
[Live Resin](#)
[Maus Werx](#)
[Mission Models Paints](#)
[MJ Miniatures](#)
[Modern Masters Metal Effects](#)
[Monroe Perdu Studios](#)
[Panzer Art](#)
[Paracel Miniatures](#)
[Precision Ice and Snow](#)
[RB Model](#)
[ResinScales](#)
[Roch Model](#)
[Scenic Express](#)
[Slater Plastikard](#)
[Squadron Hobbies](#)
[Star Decals](#)
[Syren Ship Model](#)
[Track48](#)
[Valkyrie Miniature](#)
[Woodland Scenics](#)

Miscellaneous

[paintRack](#) (mobile app for Android)
[Scale Mates](#)

Hobby Vendors

[Barrel Store](#)
[BNA Model World](#)
[Central Tools](#)
[Dick Blick Art Materials](#)
[Frontline Model Kits & Hobbies](#)
[Gundam Planet](#)
[Hobby Easy](#)
[Hobby Search](#)
[HobbyLink Japan](#)
[HobbyWorld-USA](#)
[Last Cavalry](#)
[Lots of Models](#)
[Lucky Model](#)
[MicroWorld Games, LLC](#)
[MMC Design-Shapeways](#)
[Shapeways 3D Parts](#)
[Sprue Brothers Models](#)