



Ground Power

Central VA Chapter, Armor Modeling & Preservation Society | John Robinson, Editor | Volume 28 No.10

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UPCOMING CHAPTER EVENTS

OCT 27	Friday pm MEETING: VFW Post 10657 DEMO: Using Cork for Dioramas by Mark Fergel
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 will start the reservation process during the meeting on October 27.

November Silent Auction to Benefit War Memorial Foundation

The November **IPMS Richmond** meeting will feature a silent auction of member donated model kits, tools, reference materials and other hobby items. IPMS-R will donate all of the money raised by the auction to the Virginia War Memorial Foundation. Starting at 5:30 PM, an hour before the November 20 chapter meeting, members can bring in donations which will then be registered and assigned item numbers. A bidding form will also be issued. Each item in the auction will then be placed on a table along with its bidding form. To bid, you write your name and your bid on the form for that item. The first person's bid starts the bidding. At 8:00 PM the bidding stops and the auction ends. For each item, the person with the last and highest bid wins. The winning bidders will collect their winning item and the bidding sheet and will pay that amount (cash or check only). It should be fun and a good chapter event to benefit a local charitable organization that has a connection to model building. **Deep Run Center, Deep Run Park, 9900 Ridgefield Parkway, Henrico, VA 23233**

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 A.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.



In Memoriam: Ronald (Ron) Craig

Ron Craig passed away on August 24. He was a foundational member of AMPS-CV and was also active in IPMS Richmond. Ron was from Pennsylvania and as a young man served in the U.S. Army Signal Corps. Ron then moved to Virginia with his wife Kathleen and raised two sons, Scott and Douglas. He was a historian and modeler of Eastern Front WW2 subjects, especially the Soviet T-26 and T-34. Ron was not afraid to build obscure model conversions but was not impressed with photo-etched brass details. He didn't bother entering model contests because he was perfectly happy building for himself and sharing them at our meetings. We are grateful for Ron's presence in our hobby, especially his calm demeanor and hearty laugh. As a tribute to Ron, below are some of his models over the years.



Last Month's Demonstration: Making Soft Stowage from Two-Part Epoxy Putty

by Ashley Abernathy

Making your own soft stowage enables a perfect fit to any model you are working without having to wait for an aftermarket manufacturer to offer a set. It also means your stowage will be unique and therefore more accurate when compared to others. Here are notes from Ashley's demo.

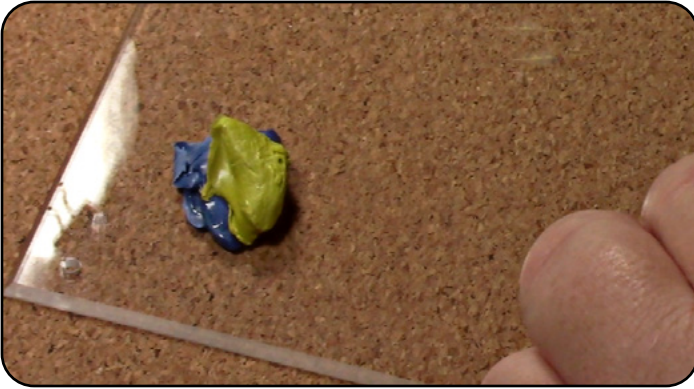
Hardware

- Dental tool assortment: Ashley divides the tools into four rough categories - pointed, curved, chisel and shaping. You will only need 3-4 tools to make the stowage.
- Single-edge razor blade
- Scale ruler: it's important to make your stowage to the scale of your model. Use a scale ruler to save you from doing the math on calculator.
- Acrylic sheet: use it roll out the putty. Acrylic will allow some flex to remove the putty.
- Two-part epoxy putty: [Aves Apoxie Sculpt](#) is good but Ashley prefers [Kneadatite](#) with its yellow and blue components.
- Kneadatite has a working time of 1.5-2 hours and a cure time of 4-5 hours. Apoxie Sculpt has a 1-3 hour working time and cures in 24 hours.
- Both putties have a clay consistency and to use, equal parts are kneaded together for a few minutes until no color streaks remain. A little water helps prevent sticking and leaving fingerprints.



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Cut equal parts of each putty component from the log.



Knead together until no color streaks remain. Blue + Yellow = Green.



Roll the putty on acrylic sheet to get the rough shape and adjust the portion as needed to stay in scale.



Press the putty roll onto the model surface and make sure it sits flat. If you put down plastic wrap underneath, you can lift off the piece after it dries, for painting it separately.

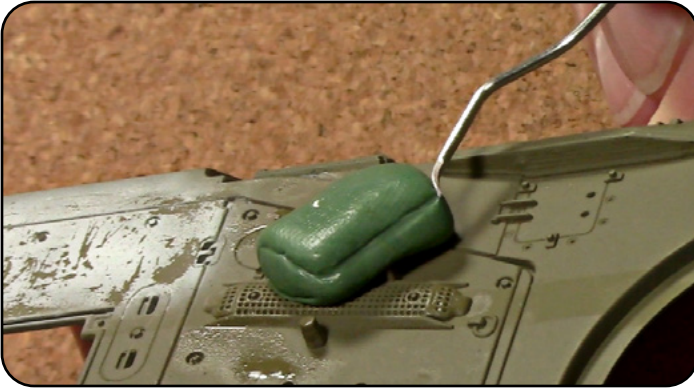


Use a dental tool to make the spiral creases that are on each end of a bedroll.



Continue making end creases and also make the tail end of the bedroll as it flaps over the final layer.

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A better view of the tail end.



Continue making the spiral creases.



The final appearance of the creases



Make an indentation for a strap. Your piece may have several straps that both hold the item together and attach it to the vehicle. Let references be your guide



Using a dental tool, make fabric folds, creases and tension marks.

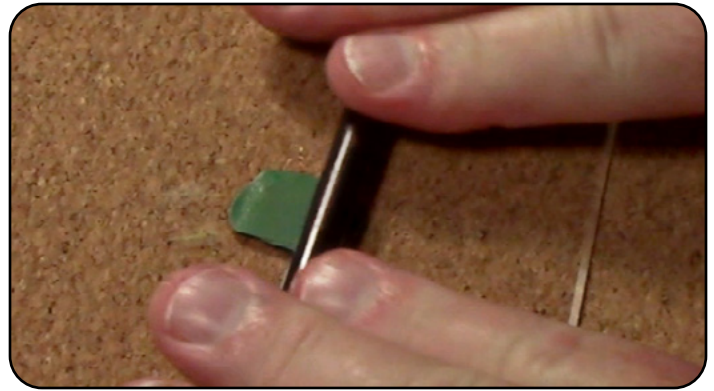


Continue with the folds, creases and tension marks, as much as you wish. Try to consider the real material and how it would behave under tension.

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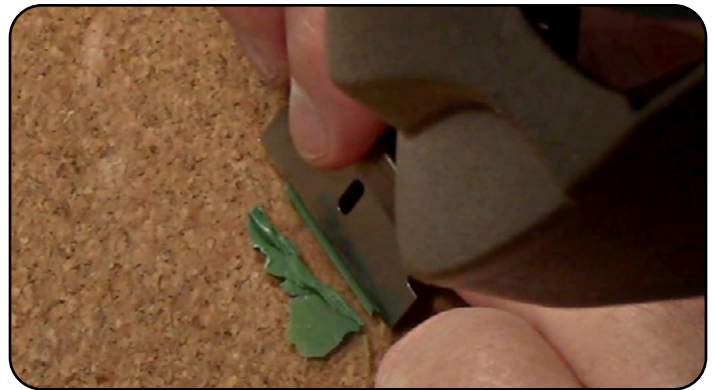
Make a strap using the same putty.



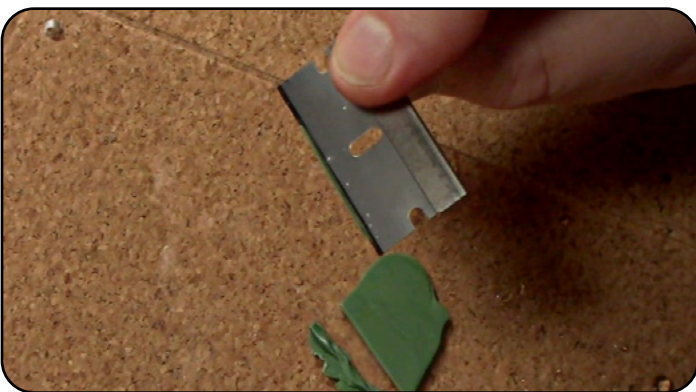
Roll the putty flat with a cylindrical tool handle.



Use a single-edge razor blade to make a first cut so it's perfectly straight.



Make another cut the width of the strap and pop the blade upward.

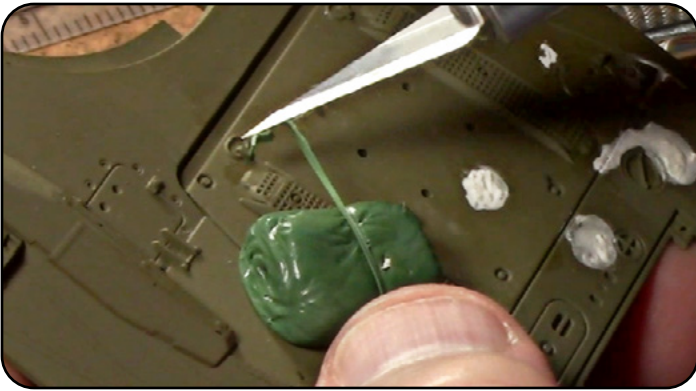


The strap material is on the blade edge.

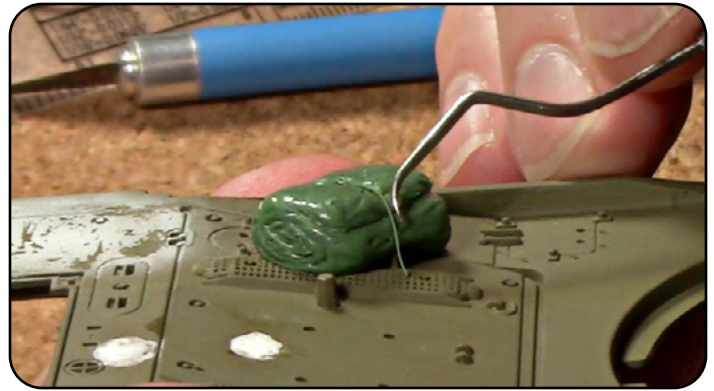


Carefully lift the strap material off the razor blade with a hobby knife blade.

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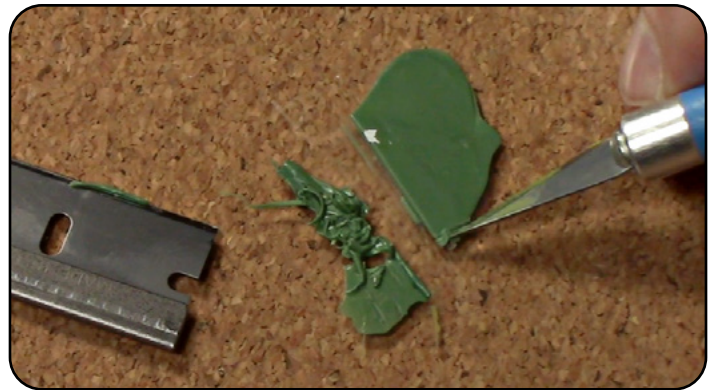
Transfer the strap to the putty bedroll.



Press the strap in place using a dental tool.



Use stray strap ends if desired, depending on the material. Straps are commonly made of canvas or leather but can be other materials.



Make a strap buckle by first cutting out a square piece of putty.



Put the putty buckle in place on the existing strap.



Shape and define the buckle with a dental tool. Add creases around it if desired and you're done!

BORESIGHT
THE AMPS MEMBERSHIP MAGAZINE JULY / AUGUST 2023

Glory to the Heroes! • Modeling with Coffee • The Battered Shermans of Bastogne • Book Review: Dunkirk Evacuation Operation Dynamo • Know Your Officer • 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.

- Boresight July/August 2023**
- "Glory to the Heroes" Ukrainian BMP-1 by Greg Beckman
 - Modeling with Coffee by Brian Eberle
 - The Battered Shermans of Bastogne by John Kirkpatrick
 - Dunkirk Evacuation Operation Dynamo Book Review by the Editor
 - Know Your Officer: Neil Stokes, 1st VP, by the Editor
 - Local Chapter News & Upcoming Shows by the Editor

	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:	_____	



		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	





Italeri Italian Fiat 508 Coloniale
in 1:35 scale
by Brian Alfano

Brian painted the model with Italeri paint, which he was not previously aware of, but said it worked very well. He plans to use this model in a setting with a 1:32 Macchi airplane





“Recon Report”

in 1:35 scale

by David Vickers

The motorcycle is from Great Wall Hobby and was fragile but David mounted it to a stick during assembly and painting. The

building is made from plaster and is from Royal Model. The backside was completely bare so David scribed the bricks and added wooden frames and wallpaper. Loose bricks are plaster pieces from another kit and were selected to match the size of the building bricks. The workshop pieces are

from Custom Dioramics. The chipped paint on the soldier’s helmets is done by sponging on Vallejo Black Grey. David likes to use an Raw Umber artists’ oil wash on all the components to unify the different colors in the scene. He also likes to use Yellow Ochre to warm up the items that are white.



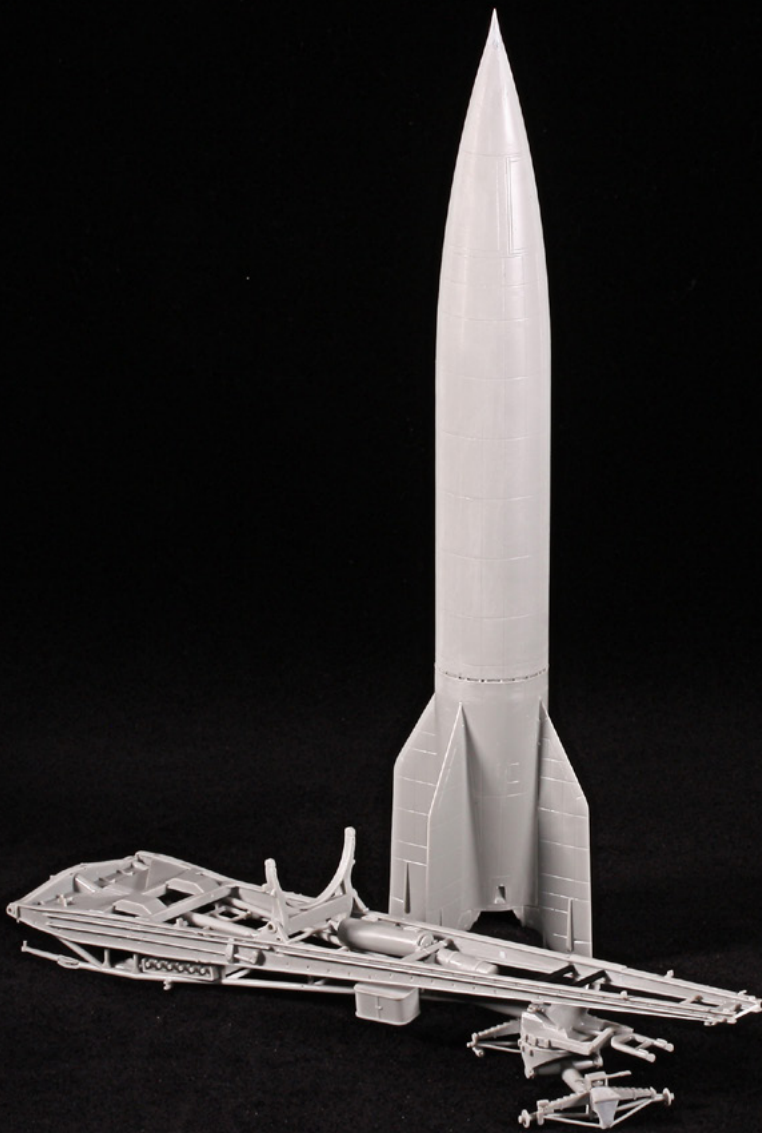
Pass and Review from September



BattleMechs
in 1:285 scale
by Chip Heusinger

Chip used Army Painter Speedpaint 2.0 paints, which when applied over a primer acts as the base, shadow and highlight in one-coat. On the bases, Games Workshop

Crackle paint was used, which cracks when dry, depending on the thickness of the coat. Chip also used decals from Fighting Pirannah Graphics.



Takom V-2 from "Operation Sandy"
in 1:72 scale
by Scott Bregi

Takom's kit has nice detail and includes the trailer, base and rocket but does not include the launching support rod. Several round parts were replaced with styrene rod to simplify the cleaning steps.



Pass and Review from September

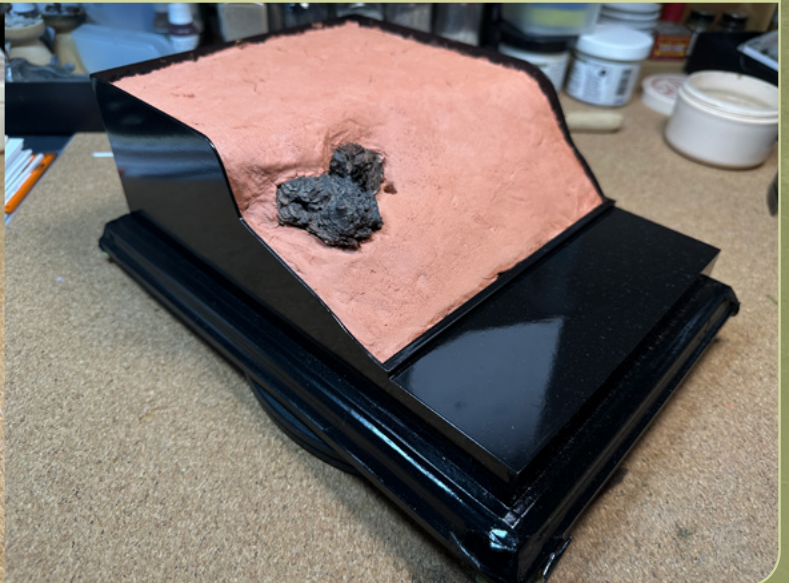
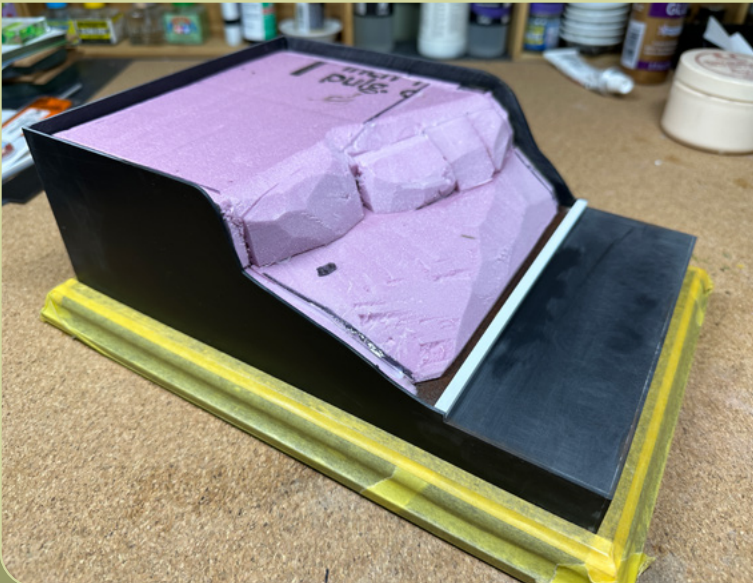


Tamiya Soviet BT-7 in 1:35 scale by John Robinson

The BT-7 was ready for painting, so the base built before that was lost in the hurry to finish the project. A wooden plaque was

framed with .060" black styrene and then XPS foam insulation board was cut and shaped to form the basic ground contours. DAS air dry clay was then applied to build out the final groundwork. Before it was dry, small stones and gravel were pressed in and it was textured with a bristle brush.

A large rock was simulated with hunk of pine bark. The grasses are various products from AK-Interactive and war gaming sets. The grasses appeared too "new" so the groundwork color was thinned heavily and airbrushed over the grass to make it blend. The figure is from Panzer Art.





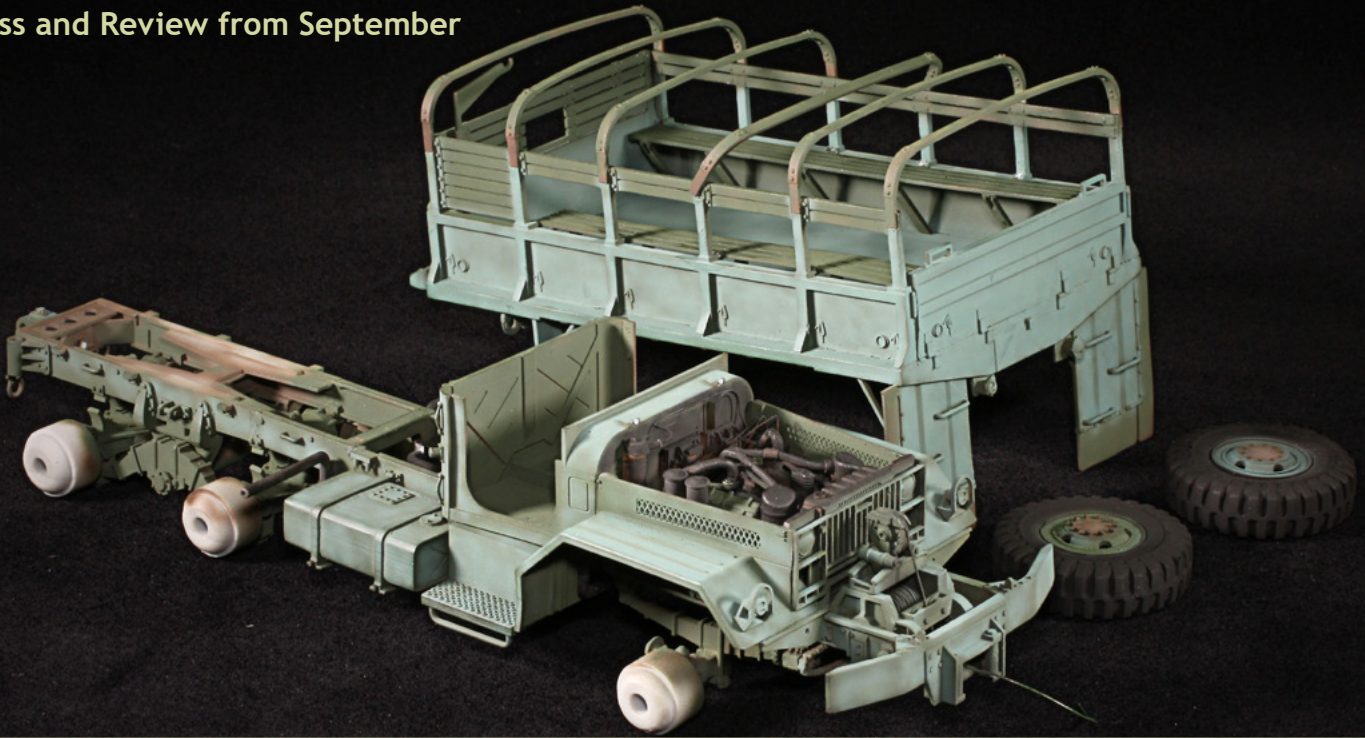
AFV Club US M728 CEV
in 1:35 scale
by Scott Bregi

Scott said that only a few things are left before this can be called finished. MCI ration boxes are from Tamiya and a coffee mug was added, complete with an

AMPS logo. It was painted first with AK-Interactive's Real Color paint and then touched up with Mission Model paints.



Pass and Review from September

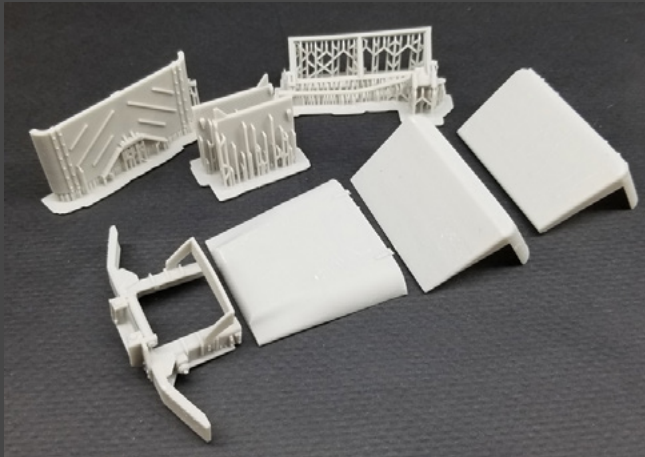


Hobby Link US M125 10-ton 6x6 in 1:35 scale by Glen Martin

The entire kit is 3D printed and comes with an engine and fully detailed suspension. As you can see from the parts below,

many runners have to be removed before assembly, and this sometimes caused the parts to break. The chassis was molded as one piece but had a warp that prevented the model from sitting level. Glen tried hot water, but although the part could be straightened when warm, it would return

to its warped state when cool. Glen had to resort to cutting out segments from the chassis and gluing it back with CA glue. Some parts have visible layer lines, especially the fuel tanks and bed parts. [Glen's AMPS review is here.](#)





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](#)