



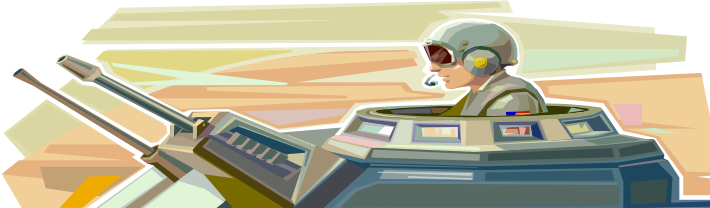
Sabot Away!



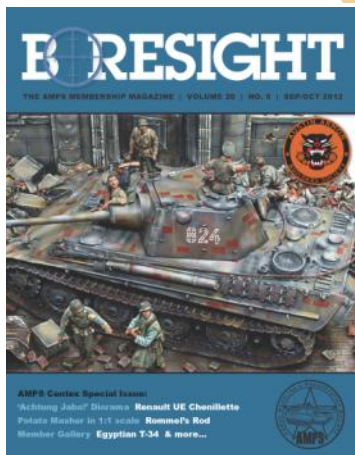
AUSTIN ARMOR BUILDERS SOCIETY

Volume 16, Issue 9

September 5, 2012



From the Turret



Boresight Volume 20, Issue 5 will be the Texas issue. Many club members and friends of the club are represented.

I am stepping in this month for President **Bob Bethea** and writing *From the Turret* because he is on a small trip with a group of friends.

Boresight Volume 20, Issue 5

The next issue of the AMPS Boresight will be a Texas Issue with many of our club members and other friends of the club being show cased in this issue. Our own **Eric Choy** is the editor of this issue. Congrats **Eric!** If you wish to get a copy of this issue please sign up to become a AMPS member in the next couple of weeks. You either sign up on line at www.amps-armor.org OR mail in the form (see Page 18).

Auction

This month we are having our annual club auction. Everyone please try to attend and bring any kits you wish to donate to the club. I personally will be donating a couple of new kits that I will be

picking up at the hobby store. This auction is very important to the club so that we can raise funds for our 2013 show. We normally don't give credit, so please bring your cash or check to the meeting.

All transactions will be held after the meeting away from the Library. We will have an abbreviated business meeting so that we can concentrate on the auction (See article on page 13).

Model Build Day

I believe it is that time of year again. I believe in November all the local clubs (AMPS, IPMS, Figure, Car, Sci-Fi) are invited to participate in the Model Build Day.

Continued on Page 2

Special points of interest:

- ◆ CLUB MEETING PLACE
- ◆ UPCOMING PROGRAMS / PRESENTATIONS AND NEWSLETTER ARTICLES
- ◆ BUILD CHALLENGE - PART 2
- ◆ 3D PRINTING: A GUMPS OF THE FUTURE OF MODELING?
- ◆ HETZER GALORE: AN 8 PART TALE PART I
- ◆ CLUB AUCTION
- ◆ QUARTERLY CONTEST PRIZES
- ◆ AABS MEMBERS SET TO FLY TO JOLLY OLDE ENGLAND
- ◆ BORESIGHT VOLUME 20 No. 4
- ◆ AMPS 2013 CONVENTION

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Austin Armor Builders Society Membership Dues

Dues are collected in January. This will make it easier for us to track and easier to maintain the membership cards.

As always, membership is \$12.00 USD per year. The membership cards will be presented to members at the January meeting.

The card will be valid for one year and a new card will be created each year as long as your club membership is in good standing.

New members will be given a card after they pay their dues. Dues will be prorated based on the month they join.



Sabot Away!

From the Turret - Continued

I do not have the actual date. Stay tuned for that.

If you have never been to this you are missing out. Some of the best modelers in our area attend and help you with issues, questions, etc... and it is a good time for all. Everyone pitches in for drinks and pizza. We build from 10 AM to 5PM. It will be held at Bob Bethea's neighborhood community center on Doe Run. More information will be provided in the next newsletter.

Jolley Olde England

We have three members heading to England in a few weeks. Wish them a safe and happy trip (See article on Page 15).

Quarterly Contest in October

Next month we will be holding our quarterly contest.

There is no theme so it is open to all models (Armor, Artillery, Military Figures, Softskin, etc...). See Page 14.

Roderick Bell

Calendar of Events

- ♦ **September 5, 2012** - Club Meeting; *Club Auction*
- ♦ **October 3, 2012** - Club Meeting; *Quarterly Contest*; Program by **Eric Choy**
- ♦ **October 6, 2012** - **The 2012 Austin Scale Model Show**. Norris Conference Center, Austin, Texas. Show theme: **"Made in Hollywood"**
- ♦ **November 1, 2012** - Club Meeting (**Meeting on Thursday instead of first Wednesday**); Program by **Robert Mesch**
- ♦ **December 5, 2012** - Club Meeting; Program by **Richard Eaton**
- ♦ **December 8, 2012** - **Christmas Party**; **"White Elephant"** Gift Exchange
- ♦ **January 2, 2013** - Club Meeting; Program by **Roderick Bell**
- ♦ **February 6, 2013** - Club Meeting; Program by **Russ Holm**
- ♦ **March 6, 2013** - Club Meeting; *Quarterly Contest*; Program by **Oscar Perez**
- ♦ **April 3, 2013** - Club Meeting; Program by **Joe Fischer**
- ♦ **May 1, 2013** - Club Meeting; Program by **Dave Bourland**
- ♦ **June 3, 2013** - Club Meeting; *Quarterly Contest* **"White Elephant" Contest**; Program by **Aaron Smischney**
- ♦ **July 3, 2013** - Club Meeting; Program by **Tom Pachalos**

Club Meeting Place

By Roderick Bell

We meet at the **Austin Public Library - Old Quarry Branch**.

We are looking forward to seeing you at the Old Quarry Branch Library on 7051 Village Center Dr.

The meeting time is still 7PM on the first Wednesday of

the month (See **Calendar of Events** for schedule) I hope to see you all there!

Roderick Bell



Upcoming Programs / Presentations and Newsletter Articles

By Roderick Bell

Month	Program / Presentation	Newsletter Article
2012 - September	Club Auction	Aaron Smischney
2012 - October	Eric Choy	Ted Paone
2012 - November	Robert Mesch	Roy Ott
2012 - December	Richard Eaton	Greg Beckman
2013 - January	Roderick Bell	Jerry Opperman
2013 - February	Russ Holm	David Edgerly
2013 - March	Oscar Perez	Greg Beckman
2013 - April	Joe Fischer	Karl Leidy
2013 - May	Dave Bourland	Eric Choy
2013 - June	Aaron Smischney	Rick Herrington
2013 - July	Tom Pachalos	Roderick Bell
2013 - August	Ted Paone	Russ Holm
2013 - September	Club Auction	Bill Menzie
2013 - October	Bill Menzie	Roderick Bell
2013 - November	Rick Herrington	Ted Paone
2013 - December	Jorge Aduna	Jeff Forster

Here is a list of members who are responsible to provide a article for the newsletter and to perform a program / presentation. Please note that you may contribute as many articles as you want anytime. This schedule is to insure that we have at least one article in the newsletter per month.

Please make sure you get the newsletter editor the article as soon as possible. He must have it the Friday before the meeting.

Roderick Bell

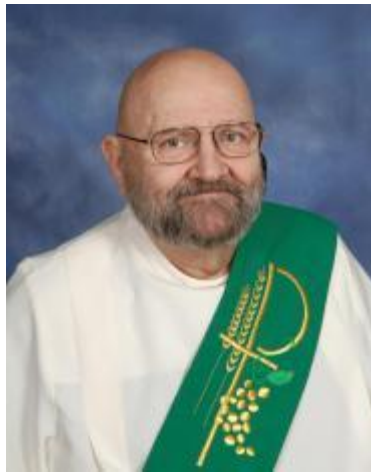
Sabot Away!

Build Challenge - Part 2

By Roderick Bell

DEACON JERRY

OPPERMAN SENT ME TWO KITS THAT HE DIDN'T WANT (HE USUALLY BUILDS MODERN ARMOR) AND HE HAD ONLY ONE CONDITION WHEN HE GAVE THEM TO ME. THAT I BUILD THEM!



Here is member **Deacon Jerry Opperman** who has “challenged” me to build them. The first kit I will build as part of the challenge is the Tamiya German HANOMAG Sdkfz 251/1 Half-track.

The Kit

The Tamiya German HANOMAG Sdkfz 251/1 Half-track is one of the more mature MM Series models from Tamiya. The Kit Number is 35020 and the MM number is 20. So, it was the twentieth model released by Tamiya in the MM series. The date on the box says 1973 and it was made in the Philippines.

The kit comes with two sets of instructions. One in English and one in Japanese. This was very common for the Tamiya kits in the 1970's. The instructions have a nice narrative about how the need for the Armored Personnel Carrier (APC) developed out of World War I and how the HANOMAG came to be. Also, an organizational chart of Panzer Grenadier Company (1942) is illustrated. This is nice because it shows the type of vehicles used and how many were in the company. Also, illustrated are the other types of Half-Tracks used and almost all of them were future kit from Tamiya.

The kit comes with four sets of sprue parts labeled A Parts, B Parts, C Parts, and Figure Parts. The total number of parts are 95, plus the lower hull, and upper hull, and two rubber band tracks and a decal sheet. That is 100 parts in total.

There are 15 steps to building the model not including painting and decals. The paint schemes provided are for the Russian Front to 1942 and the African Front to 1942. As you can guess the Russian Front has the overall panzer “German” grey and the African Front used the overall “Dark Yellow”. There are Russian Front decals for 14th Panzer Division, 16th Panzer Division, 24th Panzer Division, and the Panzer Division “Grossdeutschland”. There are also division markings North Africa, The 15th Panzer Division and the 21st Panzer Division. There are also Tactical Markings for Infantry Battalions for Panzer Grenadier units, Engineering Battalions, and the Anti-Aircraft Gun Battalion.

Memories

Having built this kit back in the 1970's, I remembered nothing about building it but I do remember the pleasure I had using it in our neighborhood model war games. A group of friends would meet up in the summer with our completed models and do battle against each other. The elaborate rule system we used was pretty impressive for its time. The weapons used were squirt bottles. We had the option of move first then shoot or shoot then move. Depending on what was chosen would

Build Challenge - Part 2 - Continued

Sd. Kfz. 251 HALFTRACK



ATL-07



120 links in 1/35 th scale, eight rings
and a wire to obtain the track pivots.

usually mean if that model survived to the next round. To shoot, we had to place the squirt bottle in front of the vehicle and aim at the target. One squirt for main guns, three squirts for machine guns. We had to examine the target after each shot to make sure it was hit or not.

Tracks: What to do?

So I opened the box up and reviewed each of the part sprues and then I came to the rubber band like tracks. I don't like how they look. I was talking to our resident German HANOMAG expert **Rick Herrington** about wanting to replace the tracks. **Rick** has built many of the Tamiya kits, as well as the AFV Club and Dragon kits. He said the kit tracks will work just fine but if I really wanted to replace them to use the AFV Club after market tracks. Well, I don't have the AFV Club tracks but do have the Fruil tracks (ATL-07) for early Half-Tracks. For now, I will be using the Fruil Tracks but that could change. ☺

Opening up the Fruil ATL-07 tracks I noticed that the tank pads are separate and will require me to glue each one of them in place after I assemble the links together. I will probably need to build a jig to help to steady my alignment and gluing. I think **Rick Herrington** has the right idea! Why didn't listen!!! ☺

I am using the Osprey New Vanguard Series Sdkfz 251 Half-Track 1939-45 book as a reference for interior and exterior items to see if I need to add any extra detailing.

Next month you will see another article about the Tamiya HANOMAG Sd.Kfz 251/1. Again, If you want to challenge one of your friends or club members with a kit build please do... and ask them to write an article about it!

Roderick Bell

New Vanguard

OSPREY
PUBLISHING

SdKfz 251 Half-Track 1939-45



Bruce Culver • Illustrated by Bruce Culver and Jim Laurier

OPENING UP THE FRUIL
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AND GLUING.

Sabot Away!

THE BUZZ AND INTEREST IN 3D PRINTING HAS BEEN STEADILY GROWING OVER THE LAST FEW YEARS. UP UNTIL VERY RECENTLY THE USE OF 3D PRINTING FOR SCALE MODELERS WAS VERY LIMITED, AND EVEN NOW ITS IN ITS INFANCY BUT GROWING.

3D Printing: A glimpse into the future of modeling?



Example of 3D Printing of a grandfather. Photograph provide by **Shapeways** and **Tristan Bethe**.

By Aaron Smischney

The buzz and interest in 3D printing has been steadily growing over the last few years. Up until very recently the use of 3D printing for scale modelers was very limited, and even now its in its infancy but growing.

The first and still most important issue is detail. As modelers, we are used to very high fidelity in our kits and parts. All one has to do is pick up one of the new Dragon 1:72nd scale kits to see how fine detail our kits have become. New advances in printing have brought us to what I believe is the start of a revolution in scale modeling. Detail can now be rendered that was unheard of just a year ago, with the latest available technology able to render detail down to 0.1 mm. Get out your calipers and take a look at 0.1mm, that's small! Wall thickness (the thinness of a part) can be as low as 0.3mm, which is getting into thick photo etch territory.

The second biggest issue has been accessibility. The newest 3D printers can cost as much as a new truck or a small house out in the country. Not something, you would expect to find in your average modelers tool chest. We are even beginning to see 3D printers that can be considered "affordable" to the home user at a price of around \$1,000; but the detail is not even close to what we would deem acceptable.

The internet has come to the rescue, as now there are services that allow you to send them 3D cad models for printing. It reminds me of the early days of desktop publishing when you brought your documents to Kinko's to have them print your newsletters and bake sale announcements.

So how does 3D printing work? What does it mean to you and I as scale modelers? Let us take a look at each stage of the process and what it means to us.

First step is producing the "master" this is the computer aided design (CAD) file that contains the information the printer uses to create the physical object. This is going to be the biggest barrier of entry to the average modeler. Using 3D cad programs to model parts is a skill set that is not something that can be learned in a weekend, and is a skill-set all its own. I am lucky in that I have been using 3D packages since 1993 and use 3D software for my work. The software that I use is not cheap, at about \$3500 a copy... and no that is not a typo. HOWEVER, do not be discouraged! It has never been easier or CHEAPER to get into 3D work.

How about Free? Blender is a free open source piece of software that has an extensive set of documentation and support forums. Download it here: <http://www.blender.org/>.

Once you create your part, you upload it to a service like shapeways <http://www.shapeways.com/>. It is important to read up on the design guides for the materials. the most important thing is to note the "wall thickness" limitations and don't forget to make sure the part is built with the correct units and scale. I once tried to print a life-size turret..., which would not have worked. I also accidentally uploaded a life size head that WOULD have been printable, but cost \$16,000 to print.

Therefore, you do not want to learn 3D, which is understandable. Does that mean that printing

3D Printing: A glimpse into the future of modeling? - Continued

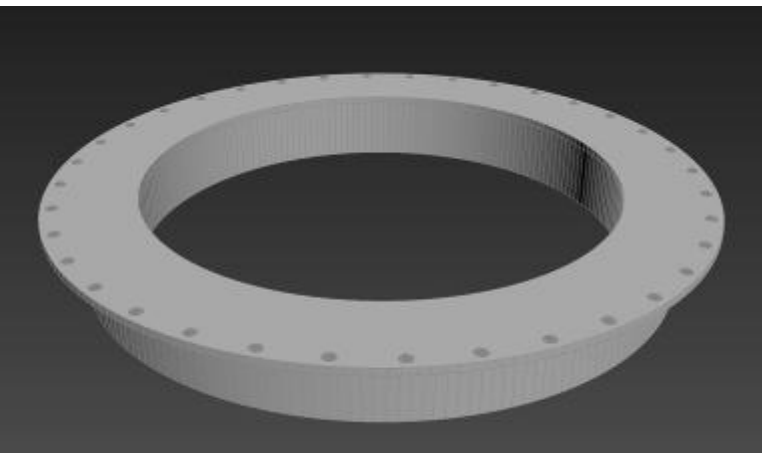
parts is not for you? NO! The rise of 3D printing services online has opened up print on demand services. This means that any modeler that creates a part in cad for printing can offer it to the public to print as they see fit. For example, I needed a steel folding chair for a project. I designed and printed the part up and now anyone can print their own chair if they want one. Before 3D printing the only way, I would have been able to offer these chairs to the community would be to resin cast copies, but that is a huge investment in materials and tools making it unfeasible for me to do so.

3D printing is also to print things that would be unable to be cast. Technical you would be able print an entire tank, tracks in all, as one part.

A web site to look at is <http://www.click2detail.com/>. This is a 3D printing service that caters specifically to modelers. I have purchased some conversions and parts from them and have been very pleased. They do not offer an uploading service but they have said it is in the works.

Ok, so you have your 3D parts designed, picked, uploaded, and want to get the real thing in your hand. It is as easy as pressing "buy" on the web site. Your part will be printed "on demand". This means there is no "stock" they do not have a bunch of copies of a part sitting on a shelf. They have vat of magic smashed fairy dust (or plastic, whatever is easier to get). The printers are similar to an inkjet. Imagine that your model is cut into small slices; the printer prints each slice one at a time, slowly building up the part. The latest technology uses UV cured plastics. This is a type of plastic that is soft until it is exposed to UV light, which hardens it. A very small nozzle attached to a robot arm is moved by computer loaded with the design and places a small drop of plastic and shoots it with light. It then moves to the next location. Depending on the part they may use a wax type substance to support the part as it is being printed.

Once the part is finished, it's packaged up and sent to you. When you get the part you can use it pretty much like you would use a resin part. It should be washed thoroughly to remove any support material that may be left over. Use super glue to affix the parts, some parts may need a light sanding. Since the part is printed in layers you may see a very slight "stair step" effect on very round parts. This used to be a much bigger problem with earlier technology that had lower resolution (bigger "slices") but with the newer technology, this issue has mostly gone away. I recommend spraying the parts with a sandable primer and giving it a once over to make sure its good to go.



Here is the part Aaron designed for his AMX-13 turret ring. Photograph provide by **Aaron Smischney**.

was just a matter of exporting it and uploading it to shapeways.

Here is an example of a part that i have produced. this one is actually very simple, and just about anyone could create this as a 3D model as it is just a collection of simple shapes. This is a turret ring adapter for attaching an AMX-13 turret to an m4a4 Sherman turret ring. I carefully measured the turret ring sizes and used the dimensions to design the part. After the part was designed, it

A WEB SITE TO LOOK AT IS

WWW.CLICK2DETAIL.COM. THIS IS A 3D PRINTING SERVICE THAT CATERS SPECIFICALLY TO MODELERS. I HAVE PURCHASED SOME CONVERSIONS AND PARTS FROM THEM AND HAVE BEEN VERY PLEASED. THEY DO NOT OFFER AN UPLOADING SERVICE BUT THEY HAVE SAID IT IS IN THE WORKS.

Sabot Away!

"ONCE THE PART WAS UPLOADED I JUST ADDED IT TO MY BASKET, PAID, AND 2 WEEKS LATER I HAD THE PART IN MY HANDS."

3D Printing: A glimpse into the future of modeling? - Continued



Once the part was uploaded I just added it to my "basket" paid, and 2 weeks later I had the part in my hands. That is when I learned a good lesson. I am sure you have heard "measure twice cut once". Well the new saying will be "measure twice print once" I had accidentally used the "outer" instead of "inner" measurement on my caliper. A simple but somewhat expensive lesson. Once i had the finished part it fit perfectly, almost too perfectly. it was a good and tight fit with no wiggle room at all.

So what is next? Everything. It is easy to see where this will eventually lead us as one only needs to look at the past history of desktop publishing. Eventually anyone will be able to afford a 3D printer that sits on his or her desktop. I imagine we will be able to purchase a "license" from Tamiya to print their latest and greatest model on our own desktop.



Here is a shot of **Aaron Smischney** Tasca M4A4 AMX-13 conversion before and after the 3D Printed Part is added. Photograph provided by **Aaron Smischney**.

You may ask, why would anyone still be in our hobby? Well... that has already been answered. I can purchase a pre-made model of a tank, airplane, or car today and sit it on my desk. There are many reasons we build models, I do not believe that those reason will go away just because technology changes. I picture printing out the sub-components and having a kit ready to build at my leisure. Some modification and choices may even be possible, like what version panzer 4 do you want? Just pick the sub-variant and voila, it is in your hands.

Will this mean the end of companies like Tamiya and dragon? No. It takes skill and talent to

3D Printing: A glimpse into the future of modeling? - Continued



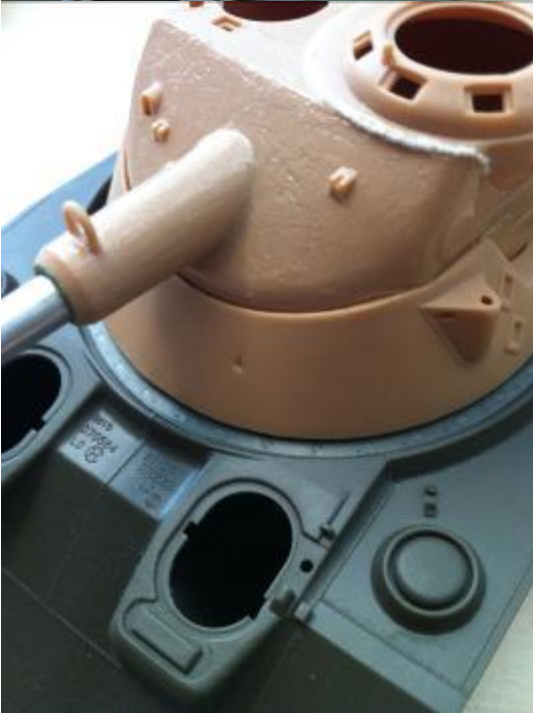
produce a 3D master. This is true now, and it will still be true tomorrow. Just because you download, some software to your computer does not mean you can magically start producing models.

Just like owning Photoshop does not make you an expert photo retoucher. Most models these days are designed in CAD anyway, so what will change is the delivery method. This may create some issues with piracy, but that is a topic beyond the scope of this article.

What this will allow for is more players at the table. Small time modelers will be able to produce models that may never see the light of day from larger producers.

The future looks bright fellow modelers, as they say... we live in interesting times. ☺

“JUST LIKE OWNING
PHOTOSHOP DOES
NOT MAKE YOU AN
EXPERT PHOTO
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ARE DESIGNED IN CAD
ANYWAY, SO WHAT
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DELIVERY METHOD.”



Aaron Smischney



Three photographs of the final product in place. Photographs provided by **Aaron Smischney**.

Sabot Away!

Hetzer Galore: An 8-Part Tale, Part I



Part I: German 17th Army Hetzer (Tamiya) by Eric Choy

One of the few lessons that I learned from my ambitious quarter-scale Sherman project (for those who care, it is still ongoing with no end in sight!) was how fast one can go mental building the same subject over and over again. When the idea of entering a collection entry at our local IPMS show popped into my bird-sized brain, I wisely asked a few friends (**Bob Bethea**, **Pat Rourke**, **Rod Bell**, and **Oscar Perez**) for help so I can “outsource” the burden of building five models (minimum requirement for a collection) on my own.

The subject of our collection is Hetzer tank destroyers used by the Germans, Czech insurgents, and Russian Liberation Army during the Prague Uprising on the last days of WWII. The original plan was for each of us to come up with one Hetzer model, but at the end, we got eight done. **Pat** finished two. As the leader of this *Kampfgruppe*, I managed one more than **Pat** did. This Tamiya Hetzer is one of those three that I built.

After tackling three different Hetzer kits from Tamiya, DML, and Italeri, it came as no surprise that Tamiya was the easiest one to put together. Everything fits and requires the least amount of clean-up effort. Prior to starting, I bought an aluminum barrel to replace the kit supplied one, but I ended up not needing it. I almost succeeded in building it box stock, but ultimately I utilized some PE parts from a Precision Models detail set. They include the rhomboid air exhaust cover, MG shields and the hoop protector for the gunsight.



THE SUBJECT OF OUR COLLECTION IS HETZER TANK DESTROYERS USED BY GERMANS, CZECH INSURGENTS, AND RUSSIAN LIBERATION ARMY DURING THE PRAGUE UPRISING ON THE LAST DAYS OF WWII.

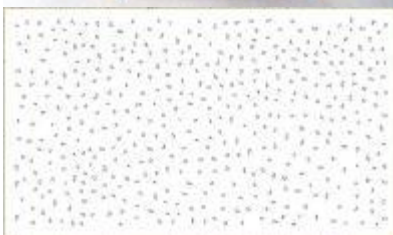
Hetzer Galore: An 8-Part Tale, Part I - Continued



The photo that I used to base my model on shows a mid/late production Hetzer with flame damper and *Ostketten* (widen winter) tracks entering Prague's Old Town Square. The tubular flame damper was easy enough; I kitbashed one from a half-finished Italeri Hetzer. The tracks, on the other hand, left me no choice but to go with Fruil as no one else makes such a set. Since this was my first attempt with white-metal tracks, I went and sought advice from **Russ Holm**, my "Fruil Meister." Under his guidance, I assembled and stained them with Blacken-It. Eager to try out Tamiya's latest acrylic I acquired during my recent visit to Canada, I sprayed my tracks with XF-84 Dark Iron. Although this brownish metallic color is a bit darker than my liking, it makes a nice base color for metal tank tracks.



Painting the *Licht und Schatten* (a.k.a. ambush) scheme posted a challenge, as it required more work than the single-color finish of the other Hetzers. Fortunately, I had help. J's Work Model (www.jsworkmodel.com) makes an airbrush camo-mask kit specifically for the Hetzer ambush scheme. The kit contains an A4 sized Tamiya-tape like adhesive sheet with pre-punched patterns for each of the colors. A paper mask is also supplied for the dots and spots. For the three-color camo, all one has to do is peel, stick, and spray. That I accomplished with ease. The hard part came when I started doing the dots and spots. The openings on the paper mask are under scaled, and I had trouble laying the mask flat on my model to avoid paint bleed and overspray. After much experimenting and pondering, I decided to make my own mask.



First I cut, twisted, bent, and sharpened the ending of brass tubing to produce six different pattern openings. I then used them to punch holes randomly on a big piece of Tamiya masking tape. Next, I cut the tape into approximate sizes, and these are my masks for the

dots and spots. The whole process was fairly easy, but I sure wasted a lot of tape *faute de mieux*. Oh well.



Next, I used lighter tone artist oils to highlight each of the camo colors. A very wet brush was used to "flood" the oil paints for better blending. Then I created streaking rain marks on vertical surfaces using SIN/MiG Brown filter (P245) with a fan brush. I kept weathering to a minimum, as most Hetzers fighting in Czechoslovakia were fresh out of the assembly lines. After letting the paints dry for a few days, I gave the entire model a brown artist oil wash for shadow effect. The super highlights were done with a light Khaki (almost Tan) color painted, instead of drybrushed, on edges and raised surfaces. Then it was time to dullcoat everything.

Lately I am having trouble controlling the amount of flat clear I spray with. My models end up either dusty (bad) or chalky (worse). In the case of this Hetzer, it looked dusty, and I lost all my shadows and highlights. I went back to do the wash again, but this time I used Reaper Brown Ink instead. For highlights, I used Reaper Terrain Khaki. The nice thing about acrylic is that it dries so much faster than artist oil. Besides, I was losing patience with this model. I was eager to get it done and move on to my next project! The next dullcoat I sprayed, I did it gingerly. Thank goodness, it worked out this time.

Sabot Away!

Hetzer Galore: An 8-Part Tale, Part I - Continued

TO THE RIGHT ARE TWO PHOTOGRAPHS OF THE WEATHERING EFFECTS ADDED BY **ERIC CHOY** BY USING ARTIST OILS ON THE CAMOUFLAGE COLORS AND SIN/MIG BROWN FILTER TO CREATE STREAKING RAIN MARKS.



Hetzer Galore: An 8-Part Tale, Part I - Continued

Before this Hetzer left my assembly line, I painted the gun barrel Gunze Mr. Metal Dark Iron and highlighted with Gunze Mr. Metal Iron. I preferred a slight metallic look to the barrel, and I did not want my last flat coat to dull it down.



BEFORE THIS HETZER LEFT MY ASSEMBLY LINE, I PAINTED THE GUN BARREL GUNZE MR. METAL DARK IRON AND HIGHLIGHTED WITH GUNZE MR. METAL IRON. I PREFERRED A SLIGHT METALLIC LOOK TO THE BARREL, AND I DID NOT WANT MY LAST FLAT COAT TO DULL IT DOWN.

Stay tuned for my next Hetzer in part two of this eight-part tale.

Von Erich (Eric Choy)

Club Auction

By Roderick Bell

Our annual club auction will be held on Wednesday, September 5, 2012 at our September meeting. This auction is our only fund raising activity that we have for our club. All funds collected go back into the club treasury for our biennial show and other club activities.

Please bring any unwanted kits you wish to donate to the club for the auction. Please make sure that these kits are complete and haven't been started. Remember, your friends and fellow modelers are bidding on these items. Would you want to have a kit that wasn't all there or was already started?

Also, don't forget to bring your cash or check. Please note that all financial transactions will be done after the meeting outside the library building. Library Policy is that no financial transaction shall occur in the building.

We hope to see you all soon. Please pass this on to other armor modelers that aren't on our mailing list.

Roderick Bell



Sabot Away!

Quarterly Contest Prizes

HERE ARE THE PRIZES FOR THE QUARTERLY CONTEST. SINCE WE ARE HAVING OUR CLUB AUCTION IN SEPTEMBER WE ARE DELAYING THE QUARTERLY CONTEST TO THE OCTOBER MEETING.

PHOTOGRAPH BY **ERIC CHOY.**



By Eric Choy

The Quarterly Contest Prizes for October are:

- ♦ German Half-Track L4500R,, Maultier by Revell
- ♦ Krupp/Ardelt Waffentrager 105m leFH-18 by Trumpeter
- ♦ Polish PT-76B Amphibious Tank by Trumpeter
- ♦ U.S. M3A1 White Scout Car by Hobby Boss
- ♦ T-80 Soviet Light Tank by MiniArt

Be sure to bring your work to October meeting to compete in the Quarterly Contest. The more the merrier!

Eric Choy

Newsletter Articles and Club Program / Presentations

By Roderick Bell

At the August meeting we drew lots to see who would do Newsletter Articles or Presentations. Please see Page 3 to see if you were selected (by random draw). If you have an idea of what your article or presentation will be about please let me know so I can update the list with that information. Also, if you need to switch your presentation or newsletter article let me know and we will see what we can do.

Roderick Bell

AABS Members set to fly to Jolly Olde England in September



By Roderick Bell

No, these aren't our very own Olympic wanna-be's or members who want to show **His Royal Highness Prince Harry of Wales** what a proper "Full Monty" really looks like. This is **Rick Herrington, Russ Holm, and Eric Choy** traveling to England and northern France to enjoy some sight seeing; and going to a renowned European Figure show; and to visit many of the major museums in Southern England and Normandy, France. Our travelers have a chance to Invade Normandy via the Chunnel and then pretend to be **William the Conquer** by invading Britain by automobile ferry. Wish the members a safe and fun trip to England and France. I am looking forward to reading their daily blog reports and to see all of their wonderful photographs.

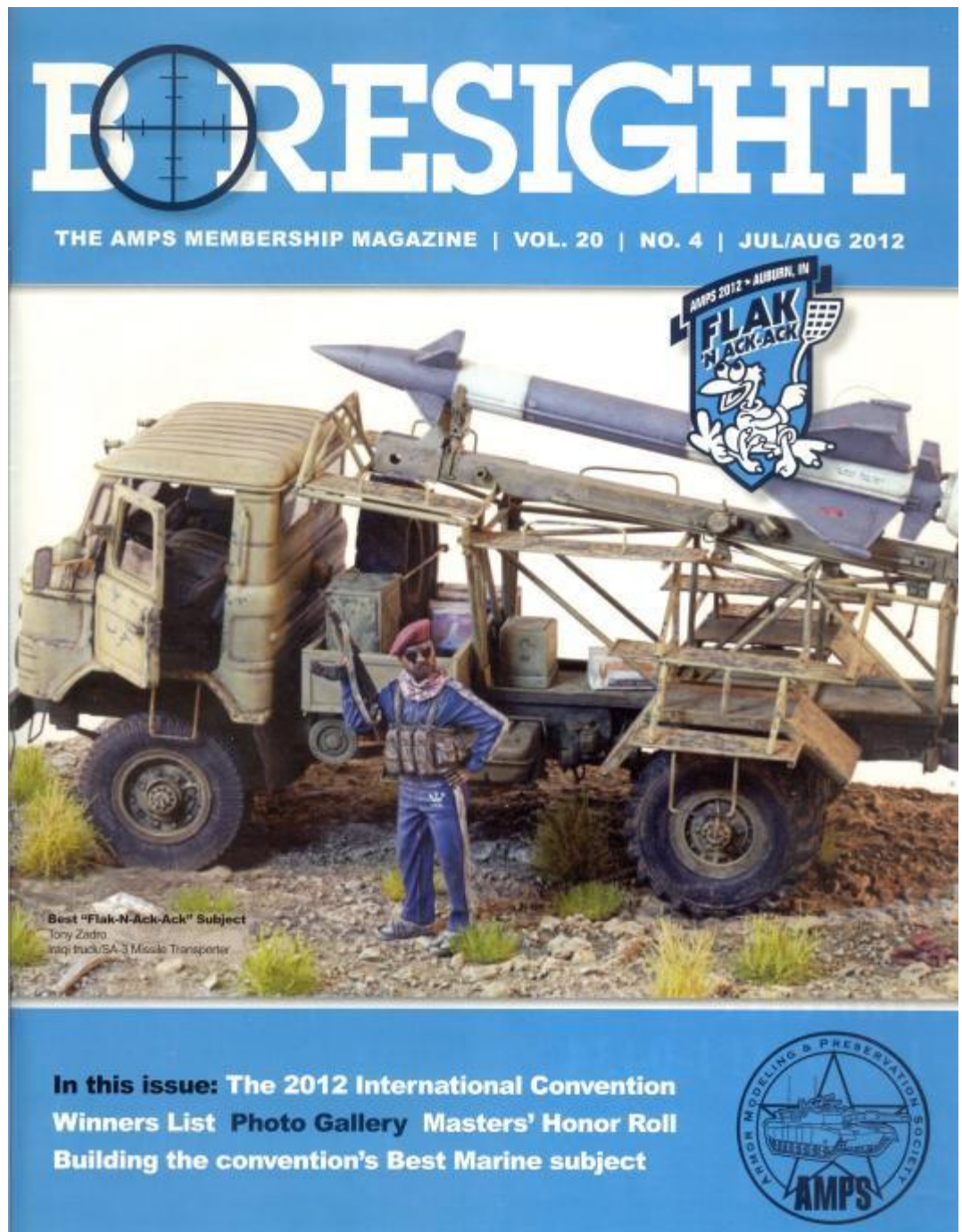
Roderick Bell

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Sabot Away!

Boresight Volume 20 No. 4

**BORESIGHT VOLUME
20 ISSUE 4:** IS THE
AMPS 2012
INTERNATIONAL
CONVENTION ISSUE.
THE SHOW THEME
AWARD WINNER IS ON
THE COVER.
CONGRATULATIONS
TO TONY ZARDRO FOR
HIS IRAQI TRUCK/SA-3
MISSILE TRANSPORTER.



BORESIGHT

THE AMPS MEMBERSHIP MAGAZINE | VOL. 20 | NO. 4 | JUL/AUG 2012

AMPS 2012 • AUBURN, IN
FLAK N ACK-ACK

Best "Flak-N-Ack-Ack" Subject
Tony Zardro
Iraqi truck/SA-3 Missile Transporter

In this issue: The 2012 International Convention
Winners List Photo Gallery Masters' Honor Roll
Building the convention's Best Marine subject

AMPS MODELING & PRESERVATION SOCIETY
AMPS

Boresight Volume 20 No. 4 - Continued

By Roderick Bell

The latest issue of the **AMPS Boresight** is out. This issue is the AMPS 2012 International Convention issue. Here is what is inside the Volume 20, Issue No. 4:

- ♦ **AMPS Review Crew News** by Chuck Aleshire, **AMPS 1st Vice President and Review Coordinator**
- ♦ **Editor Notes** by **Editor Team**
- ♦ **Auburn 2012: Highlights of the AMPS International Convention** by John Charvat, **AMPS 2012 Show Chair**
- ♦ **Judges' Certification Class: How to become a powerful ACJ** by Mike Petty, **2nd Vice President, U.S. South Region and AMPS Chief Judge**
- ♦ **Raffle Table Wrap-up: The only way any of us are "getting lucky: at a model show** by Mark Corbett, **AMPS Secretary and AMPS 2012 Raffle Coordinator**
- ♦ **Seminars: Show attendees had the opportunity to learn from some of the best** by Sean Lynch, **AMPS 2nd Vice President, U.S. Midwest Region and AMPS 2012 Seminar Coordinator**
- ♦ **The Entries: The next best thing to being there** By **Editor Team**
- ♦ **OBO LVT: Can you win at a model contest with an out of the box build? Yes you can** by **Dave Manter**

Roderick Bell

AMPS International Convention 2013



By Roderick Bell

The 19th **AMPS INTERNATIONAL CONVENTION** will be held in Atlanta Georgia from Thursday April 18, 2013 through Saturday April 20, 2013. The convention will be held at the Atlanta Marriott Century Center, 2000 Century Blvd NE, Atlanta, Georgia 30345 USA. More show information can be found at:

<http://www.amps-armor.org/ampssite/default.aspx>

The 2013 theme is "Civil Warriors" - Tanks or military vehicles named after Civil War Generals". Once again, our show Logo was created by **Matt Deck**. See you there!

Roderick Bell

Sabot Away!

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New Kits

By Roderick Bell

Bronco Models Has been busy and has four new releases this month. Two World War II German, one World War II American, and one World War II British kits. The first kit is the Panzerjäger II fuer 7.62 cm Pak 36 (Sd.Kfz.132) Marder II D in 1:35th scale. Kit No: CB35097. The next kit is the Schwerer Panzerspähwagen (7.5cm) Sd.Kfz.233 (Mod. 1942) in 1:35th scale. Kit No: CB35127. The third Bronco Models kit is the US GPW 1/4 ton 4x4 Utility Truck (Mod. 1942) w/10 CWT trailer & Airborne Crew - Jeep in 1:35th scale. Kit No: CB35106. The fourth kit is the British Humber Armored Car Mk. II in 1:35th scale. Kit No: CB35085.

Roderick Bell





Seek, Strike, and Destroy

AUSTIN ARMOR BUILDERS SOCIETY

Roderick Bell
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E-mail:
information@austinarmorbuilders.com

The Austin Armor Builders Society is an organization where members gather and share information on building scale armor and figure kits. The Austin Armor Builders Society was founded in April 1997 and has about 30 active members. The Austin Armor Builders Society is the local chapter for the Armor Modeling and Preservation Society (AMPS). Every two years the organization host an AMPS Regional show known as AMPS Centex. This show attracts armor and figure modelers from around the state of Texas and is one of the Premier AMPS Regional shows.

We are on the web: AustinArmorBuilders.com

Support our Troops



Heading to Battle: USMC M1A1 Abrams MBT of Alpha Co., 1st Tank Battalion in Zamindawar, Afghanistan. (27-May-2012 Photograph by **USMC Cpl. Timothy Lenzo**)