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# RED, WHITE & SPRUE

Volume 20 Number 10

★ LISMS NEWSLETTER ★

October 2013

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- Kit Review-He 178V-1
- Seen on the Table-Contest Winners





Next meeting date:  
**Monday, October 21st**  
**7:30 pm to 10 pm**  
**Levittown Public Library**  
 1 Bluegrass Lane, Levittown, NY.

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Model: **Type 95 Japanese tank**  
 by **Bill Koppas**  
 Photo: **Steve Muth**



## IN THE PILOT SEAT

It's AUCTION night at LISMS! Bring down those model kits, reference materials, accessories, and any hobby items you want to dispose of. Bring some money too for some good auction buying. It's worth the show! In addition to bringing auction items, we will still have

time to display models you bought, finished or are in the works.

A few of us went to Armorcon (previously AMPS East) in Danbury last month. As usual it is always a nice event even if you go for one day of the two. There are vendors who just refuse to come to our show on Long Island because of bridges and traffic. One vendor's wife hates the Belt Parkway and wouldn't consider it at all. I tried very hard to offer a deal with them but they wouldn't consider it. That's why I travel outside Long Island to shows.

It's not too late to pack some models and attend HVHMG in Poughkeepsie, NY on the 19th. See our show calendar listing for their link.

We are going to offer our members the opportunity to get in on a major order the day after Thanksgiving. Squadron always offers half price on their inventory. Doug will handle the order. All you have to do is give Doug a list of what you want in the next few weeks and if you want to give him any money toward your order, he will record it. It's a great opportunity to get those high priced items! Or any items you have been seeking. Start making your list now and come to the meeting with it. Yes you can e-mail Doug as well.

I was able to get better prices at Crown Awards for all our Moreast-con 43 plaques. We will be making an early purchase to avoid possible price increases after January.

Don't forget our Holiday Party on December 17th. It remains a Monday night at 7 pm so please mark your calendars. Same place, at Domenico's, and meals we had last year. No I am not dressing as Santa! Maybe an Elf? Hohoho!

Let's hope Roger's health returns and we see him soon..

Keep building those models!

*Bob*





# DECALS REVIEW FINISHING TOUCHES

1. 1/48 US and German Propeller Logos and Data Blocks by Kora

2. 1/48 Japanese Tail Kanji Characters, Numbers and Letters by Aviaeology

Both ~\$10.00 each

Reviewed by Steve Muth



Kora Decals has recently released three 1/48 decals for civil US aircraft Pt 1 (DEC#4859), US Military Pt2 (DEC#4860), and German Military (DEC#4839) aircraft. These are very nice with good registration. According to the notes on the accompanying sheets they are produced with a non-standard technology. They must be handled very carefully and sealed with acrylic clear rather than a synthetic clear (Like varnish, pledge or lacquer?). The bottom layer of clear covers the whole sheet and so you will have to cut very close the edge. All-in-all they look very good and I have wanted this kind of decal for quite a while as many kits don't include propeller decals. I assume there will be 1/72 and 1/32 scale propeller and data block decals too.

I can't tell you how many times I have seen Japanese aircraft profiles that had tail code markings printed on

unobtainium. Well some of that has been alleviated. Aviaeology, in Canada, has released four decal sheets of Japanese Imperial Navy aircraft tail codes in 280mm (or 1/48 size). These are available in Black (#AOD48C22m1/48), White (#AOD48C23m1/48), Red (#AOD48C211/48) and Yellow (#AOD48C20m1/48). These sheets measure about 5X7 1/8 inches and are printed using the silk screen method, not ink jet. The characters, numbers and letters are very crisp and appear color dense (i.e. opaque).

These will be a nice addition to your stash and they are recommended if you build WWII propeller type aircraft. Since you are likely to have them around for a while I recommend keeping them (and all decals) in a zip lock bag in a cool dark place like the basement. 🍌

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1/48

# He 178D-1 first Jet Aircraft

by Condor #48002

Reviewed by Steve Muth



## The Kit

The He 178 was the world's first Jet propelled aircraft. In 1936 Ernst Heinkel employed H. J. Pabst von Ohain and M. Han, both jet engine specialists. The fruits of their work were HeS2 and HeS3 jet engines. The HeS3 was test flown in flight carried below a He 118. The research He 178 aircraft was designed to test the HeS3. The robust high wing design featured a duraluminum fuselage and primarily wooden wings. It was built by the Heinkel Company in great secrecy. The aircraft first took to the air on August 24th, 1939 with Eric Warsitz at the controls. The first official flight took place three days later on August 27th and was shown to RLM officials on November 1st. The second prototype, the He 178V-2 was fitted with a more powerful HeS6 engine, longer wings and a retractable landing gear. The He 178V-2 was displayed in

Berlin's Aircraft Museum but was later destroyed during an Allied air raid.

A more complete history of it can be found in the book "The First Jet Pilot" which was reviewed in a past issue of "Red, White and Sprue".

This kit has 26 gray styrene parts on a single sprue plus 16 P.E. parts and two acetate parts. This is all packaged in a rather flimsy end opening box with a painting of the plane in flight on the top. The parts are sealed in plastic except the injection molded canopy is loose in the bag with the other parts. The P.E. is bagged with a piece of cardboard to prevent it getting bent. There are no decals because there were no markings on the plane. Indeed I can find no photographs showing markings of any kind. The second prototype, the V-2 had very simple marking but apparently none were ever applied to the V-1. The parts are nicely engraved with panel lines and the ailerons, rudder and elevators are suitably engraved a little deeper and more prominently. There are no sink marks visible and little flashing. The gates, however, are a little on the heavy side so removal of parts must be done carefully, particularly the smaller bits (which are a bit on the heavy

side). The surface finish is a little rough and since everything but the wing was a natural aluminum it will need to be polished or gloss coated somehow. One nice feature is the wing top surface being one piece, fixing the dihedral – the lower surfaces being glued on after the top is glued to the fuselage. There is adequate cockpit detail thanks to the P.E. The canopy clarity is only fair but a little polish and Future should take care of that.

The model appears to be accurate and the trailing edges should be satisfactory (All two piece flying surfaces can stand a little thinning. The landing gear on the V-1 was fixed down and the wells faired over so there is no wheel well detailing to deal with.

The instruction manual (?) is A4 size, the European equivalent of an 8x10, with a B&W painting two view drawing and two exploded view diagrams – adequate but very basic.

## The Build

OK, remember, this is a limited production kit; this means the bits are all there but will require more from you than a "Tamigawa" or such.

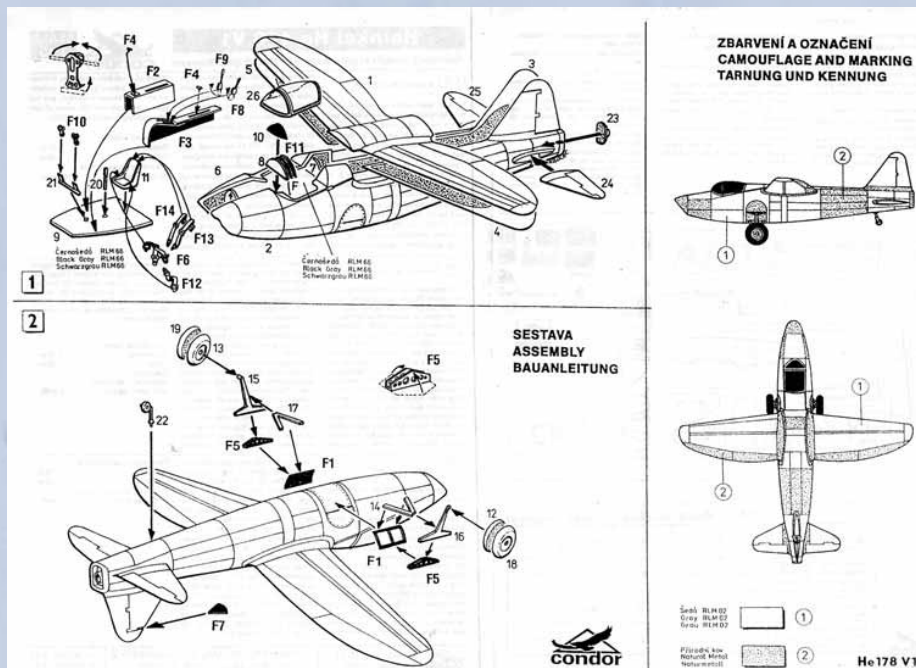
So... starting with the cockpit, as usual, the cockpit, if mounted where it is indicated, will be too high. It will have to be lowered by shaving the locating

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shelves on the fuselage sides and then beveling the sides if the floor to fit. The floor goes where the shelves were. Then the PE was bent for the side consoles and seat belts. The instructions do not clearly indicate where the seat and side consoles go so, you have to wing it. Position the seat first then the left and right consoles so the levers are "to hand" and the levers clear the instrument panel.

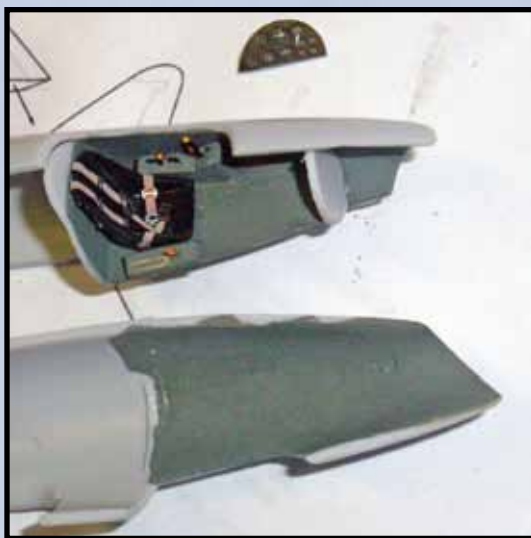
It will be necessary to temporarily tack the IP in place. I replaced the control column with one from my spares box because the molded one was very clunky and for the control levers pins were used as the PE stuff was very out of scale. The seat is a very tight fit and will require considerable narrowing.

Next, after closing up the fuselage, the wing top is attached using care to make

it align with the top of the fuselage. The match is pretty good but takes care and some filler. The lower wings were now attached. They match up well with the fuselage with a little work on the root end. The trailing edge will be rather thick unless you file them down on the inside so it mates up nice and clean. Ditto for the rudder and fin. Even then I had to fill the resulting gaps in the lead-

ing and trailing edges with ZAP A GAP and do considerable filing to get a nice sharp edge. You will then have to rescribe the panel lines. The horizontal tail planes are butt joints and

have to be pinned as shown in the photo. At this point the cockpit cowl and instrument panel were fitted. They are a little bit fiddly but ultimately can be



made to fit well.

Most of the seam sanding was done prior to priming. The larger gaps were filled with ZP-A-GAP followed by sanding or filing within half an hour, before it got real hard. After all the gaps and seams have been filled the whole model was rescribed where necessary. Next the fuselage was blown out and the canopy attached. First though, the canopy was polished and given a coat of Future Floor Wax. It was then attached with Formula 360 canopy glue (This stuff is great! Much better than white glue.) Take care in fitting the canopy to the fuselage. It will save a lot of work later as the fit leaves a little to be desired. After masking the canopy area was sprayed with black paint so the framing inside would be black.

After that the model was primed to reveal all the file and sanding marks. These were all sanded and primed again three times until completely smooth. The scribing was gone over again and the whole aircraft polished with a nail polishing stick from the beauty area of CVS. This revealed still more flaws which had to be sanded and polished out again.

The model was abandoned at this point for some months while my subconscious worked out how to attach the main landing gear and the PE on the upper part of the strut. I did not think I could pull off making slots in the fuselage accurately enough or clean enough. I'm not too good at that. Ultimately, the strut top was sanded at the correct angle, the PE got cut up and just the part that would be visible was used. The area where the landing gear was attached was scraped down to the plastic so a good bond could be made with the top of the strut. Before attaching the strut the model was painted using Alclad

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Airframe Aluminum and Model Master RLM 02 as shown on the instruction sheet. A bit of careful masking was required including masking the area where the landing gear strut would be attached. The Model master paint was thinned 60/40 with lacquer so it would spray better, dry faster and have more bite. When completed, I was unhappy with the uniformity of the aluminum areas so using hi and low tack tape some of the finish was lifted off resulting in less uniform appearance.

After a search of available photos it was conclude that the struts were a light color, probably silver, and the wheels dark, probably the standard semi gloss black. The struts were painted dull aluminum with gloss aluminum oleos. The wheels

were painted with Vallejo Dark Rubber. I like this paint because they are water based and mistakes can be corrected with a wet tooth pick. With some fiddling and jiggling the struts and brake lines (.010 wires from some telephone line) were attached with Formula 360 Canopy Cement. It gives good working time and is forgiving yet very strong. At this point the wheels were painted, flat spots filed and attached to the struts, again, with Formula 360 Canopy Cement.

I won't say the kit is hassle free but it did bring some long dormant skills into play and when finished it looks right. What more can you ask for. Recommended for experienced modelers only. 🍌



*He 178 model right front*



*He 178 model right front*

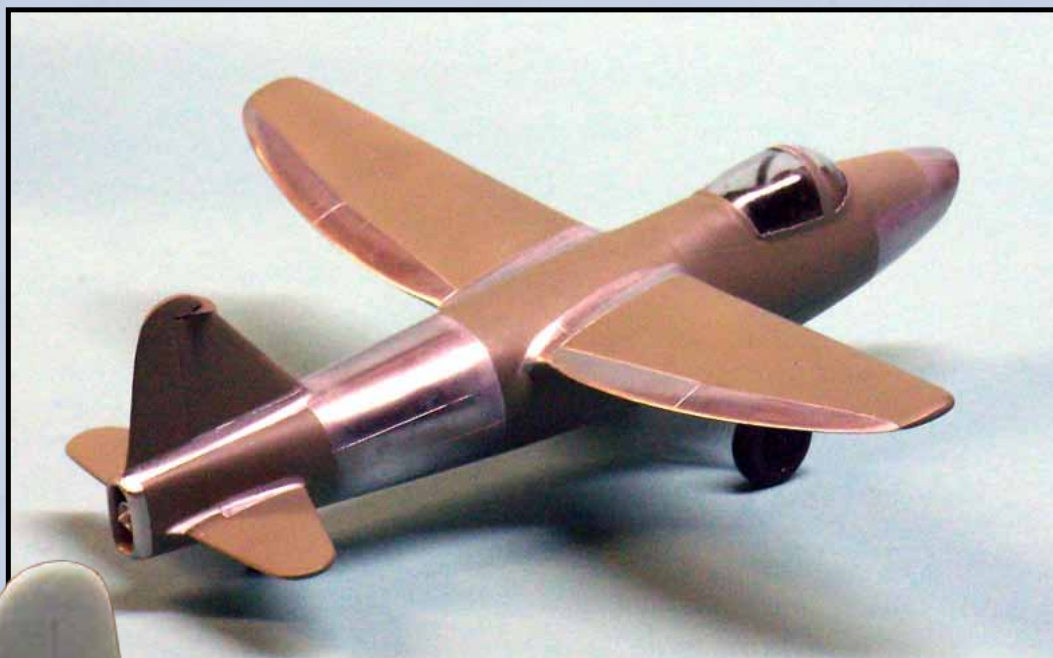
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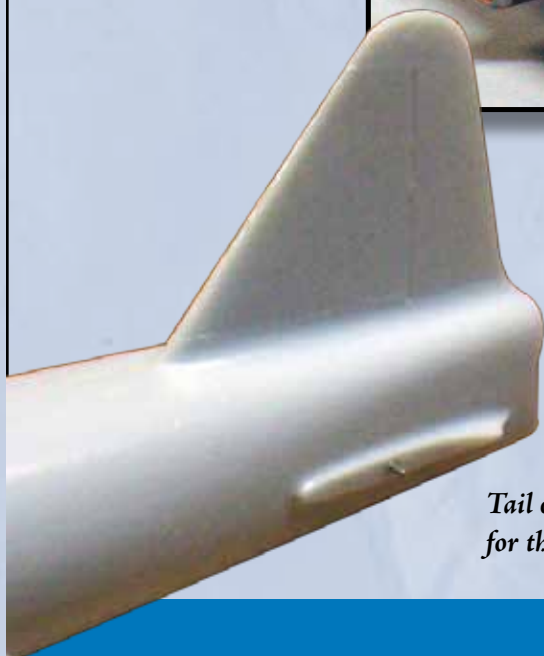
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*He 178 model right front above*



*He 178 model right rear*



*Tail of the model showing the pins  
for the horizontal stabilizers.*

# Seen on the Table

AT THE AUGUST 19<sup>TH</sup> 2013 MEETING

All photos by Steve Muth  
unless otherwise noted.

Wow! A great contest with over 30 models by 15 modelers – great job guys! According to my count there were 7 aircraft, 13 armor and 9 vehicles/cars. It is over my 20 fingers and toes so my count may be off. Here were no ships, no sci-fi and no figures. Oh well, you can't have everything. Never-the-less it was a good turnout. 🍷

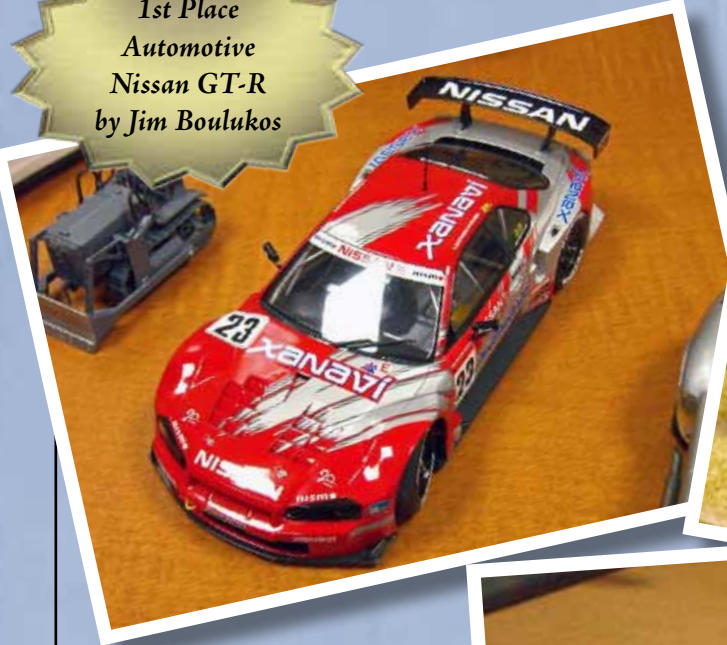


THE JUDGE'S RESULTS ARE AS FOLLOWS:



## A-I AUTOMOTIVE 1/43 SCALE AND LARGER

1st Place  
Automotive  
Nissan GT-R  
by Jim Boulukos



2nd Place  
Automotive  
Volkswagen Holtzgas  
by Joe Yeager



3rd Place  
Automotive  
Kurtis Kraft Indy Car  
by Steve Martens



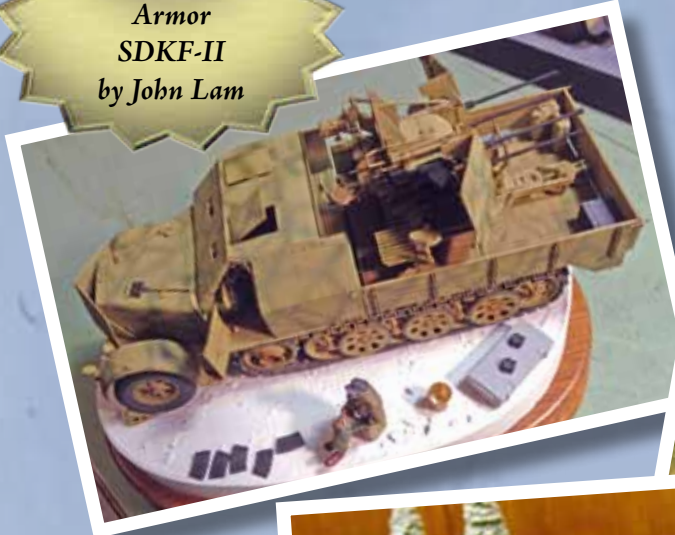
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## AR-I. ARMOR HALF TRACKS 1/48 SCALE AND

1st Place  
Armor  
SDKF-II  
by John Lam



2nd Place  
Armor  
T-19  
by Bob DeMaio



3rd Place  
Armor  
M2 Quad Half Track  
by Roger Carrano



## DIORAMA 1/48 SCALE AND LARGER

1st Place  
Land Rover 4 Wheel  
by Roger Carrano



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## GUNS 1/48 SCALE AND LARGER



1st Place  
Guns  
75mm Fortress Gun  
by Steve Andreano



2nd Place  
Guns  
Sturmgeschütz III  
by Bill Koppas



3rd Place  
Guns  
Russian KV-1  
by Adam Curcio

## AR-L ARMOR FULL TRACK



1st Place  
Armor  
Marder II D AR-L  
by Joe Yeager

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## AC-1 AIRCRAFT 1/72 AND SMALLER

1st Place  
Aircraft  
Boeing 367-80  
by Duane York



2nd Place  
Aircraft  
Ki-44 Tojo  
by Marshall Voizard



3rd Place  
Aircraft  
Boeing 367-80  
by Duane York



## AC-2 AIRCRAFT 1/48 SCALE

1st Place  
Aircraft  
Beaufighter  
by Freddy Seitz



2nd Place  
Aircraft  
He 178V-1 1st jet  
by Steve Muth



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## AC-3 AIRCRAFT LARGER THAN 1/48 SCALE



## NOW THE OTHER MODELS See Page 13

### LEGEND

- |  |   |
|--|---|
| 1. 35T by Bill Koppos                      | 8. Panther by Lou Correr                            |
| 2. 88 mm gun emplacement by Steve Andreano | 9. SB2C Helldiver by Steve Martens                  |
| 3. 427 Cobra by Jim Boulukos               | 10. Tiger II by Joe Yeager                          |
| 4. Bulldozer in progress by Jim Boulukos   | 11. Tilly by Roger Carrano                          |
| 5. Corvette in work by Jim Boulukos        | 12. US Marine AAV-7 Assault vehicle builder unknown |
| 6. Lotus 72 by Jim Boulukos                | 13. US M-18 THellcat builder unknown                |
| 7. N1K1-Ja by Freddy Seitz                 | 14. Early tank in progress by John Lam              |
|  | 15. 8-RAD SDKF 232 builder unknown                  |

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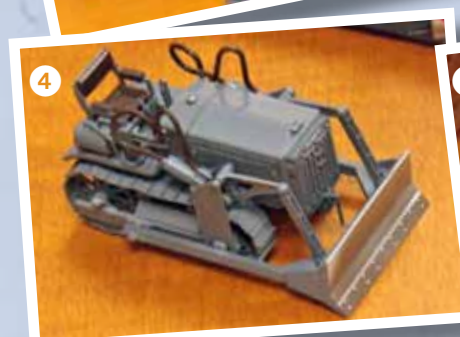




## NOW THE OTHER MODELS



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## Show Calendar Listing for 2013-2014

See Bob DeMaio for details

Date	Event & Location	Website	Day
Oct. 19	HVHMG Elks Lodge 29 Overocker Road Poughkeepsie	<a href="http://www.hvhmg.com">www.hvhmg.com</a>	Sat
Nov. 9	LIARS Freeport, NY	<a href="http://www.wix.com/liarsmodelcarclub/liars">http://www.wix.com/liarsmodelcarclub/liars</a>	Sat
Nov. 16	Long Island Figure Show Freeport Recreation Center Merrick Rd. Freeport,	<a href="http://www.longislandmodelsoldiers.com">http://www.longislandmodelsoldiers.com</a>	Sat
April 5,	MosquitoCon Wayne PAL 1 PAL Drive New Jersey	<a href="http://www.njipms.org">http://www.njipms.org</a>	Sat
May 2 & 3 2014	Noreastcon 43 American Airpower Museum 1230 New Highway Farmingdale, NY	<a href="http://www.lisims-ipms.org">http://www.lisims-ipms.org</a>	Fri-Sat



Photo: John A. Musolino, Noreastcon at the Air Power Museum in Farmingdale.

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And don't forget to mention that you are a member of the LISMS and appreciate his or her support. Everybody likes a thank you. Depending upon the size of your purchase, these shops have agreed to provide a possible 10% or more discount if you have our membership card.

#### Alsand's Toy Soldiers Plus

[www.alsandmdseco.com](http://www.alsandmdseco.com)

Alan & Sandy, 848 Long Island Ave. Dear Park, NY 11729, (631)254-2650, Collectibles, Action Figures, Miniature Toy Soldiers, Models, etc.

#### Baseline Model Inc.

Eric, 250 Little East Neck Rd., West Babylon, NY 11704, (631)376-0060, Military Model Specialist, old and new kits bought and sold. Retail and Mail Orders. Closed Mondays.

#### Get It On Paper

Gary Weickert, 185 Maple St., Islip, NY 11751, (631) 581-3897, open every Saturday noon to 5 PM. - Vintage Toys & Model Kits, Automobilia & auto Literature. Model kits wanted.

#### Gold Coast Hobby

[www.GoldCoastHobby.com](http://www.GoldCoastHobby.com)

Charles Gonder, 8 railroad Ave, Glen Head, NY 11545, (516)759-9094, Planes, Boats, Cars & Armor. A full line hobby shop dedicated to customer service.

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☐ Junior (17 or younger) \$12.00

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Your Signature:

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Mail Application to: IPMS/USA, Dept. H, PO Box 2475, N. Canton, OH 44720-0475