



# MONTHLY

The Newsletter of IPMS Boise March 2011



Resurrection winner  
Paul Erlendson's  
1/24th scale  
Protar Ferrari 126C2

*This month- The Vandervoort Memorial*

## MEETING MINUTES

Last September's meeting coincided with a festival that the church held for it's paritioners. The thought then was to have a model show this year to show the church what we do. The thought was to also have a take and make for the kids. The subject was revisited this month as a way of thanking the church for letting us meet there. Kent said he would get in touch with the national organization to arrange for kits for the take and make. So this September plan on showing off your wears to the church and build with the kids. Maybe we'll get a new member or two and kiddie a fire in the kids. We also have not heard anything about the kits we sent "down range." The assumption is that they made it okay. This month is the Vandervoort for cars, trucks, bikes, and wheeled military vehicles.

Next year's themes are-

March - The Vandervoort

May - The Bill Bailey ( Build something you bought from Bill's collection)

August - Childhood Memeories ( Build a kit from your childhood or something you remember from it.)

November - Vignettes and dioramas

Your Executive Board members are-

President - Bill Speece

Vice President - Brian Geiger

Treasurer - Jeff D'Andrea

Secretary and Editor - Tom Gloeckle

Chapter Contact - Kent Eckhart



Since this month is the Curt Vandervoot Memorial “Wheel’s on Wheel’s, I hope everyone has done a top notch job and put in lots of time and effort on their kit. Last year, Darrin and Jeff did a fantastic presentation on their great kits. Don did another fine job on the trophies. If you remember last year, they were really outstanding. It’s nice that the club is able to help with the expenses after Don took care of it for many years. Remember, in addition to the trophies, all entry receive a discount coupon to use at Hobby Town. For more inspiration, I added some car photos from the Montana Auto Museum in Deerlodge when I traveled there last year. There is also a massive E-70 locomotive. The facility houses over 150 vehicles in the collection and is ranked among the top 10 auto museums in the country. Really, in Montana? Yes, and each year they raffle off a fully restored car. Last year it was a 1965 Mustang convertible looking sweet. So if you are ever cruising by, stop in and be impressed.

I had finished last months contest model early for a change so that left me with more time to complete my car entry. Isn’t it relaxing not having to work all the way up to the meeting time to finish a kit? Well, after starting this kit several years ago and shelving it for way to long, I cleaned off the years of dust. It could have been used for the blue theme last year or even the resurrection theme last month, but I felt it was time to finally complete it for March. I found this time to be a great opportunity to pull another poker out of the fire. Of course we all have too many pokers in our fires, don’t we? Why do some kits feel like a burden when you’re building them, but years later it all clicks and comes together? Now, the real trick is not to start another project before this one is done. Yah, like that’s not going to happen.

I want to thank those who have paid their dues in the previous months. The percentage is way in the upper 90%. This make Jeff’s job so much easier to do. He certainly has organized and updated the treasury to run efficiently. If you haven’t been to a meeting yet this year and want to join later, we prorate the dues. We all know it isn’t fair to the others members who have paid if someone else doesn’t. Wouldn’t it be nice to have senior discounts, after all we have senior moments all the time. As long as we have a viable club we can sponsor awards, cover postage and printing, and have drawings. With national membership, IPMS pays for our insurance while we are attending a meeting or show. It is quite a pain to search and pay for insurance by ourselves out of our own money. That’s great peace of mind not having to cover ourselves. And, I don’t have too many pieces of my mind to give lose anymore. Wish I could get the other ones back.

Bring the cars and see ya Saturday.

Bill

MEETING MODELS

Resurrection Theme-



Tamiya Dragon Wagon  
1/35th Scale  
by John Cromarty



Revell 50 Ford Pickup  
1/25th Scale  
by Jim Burton



Tamiya Skyraider  
1/48th Scale  
by Bill Bailey



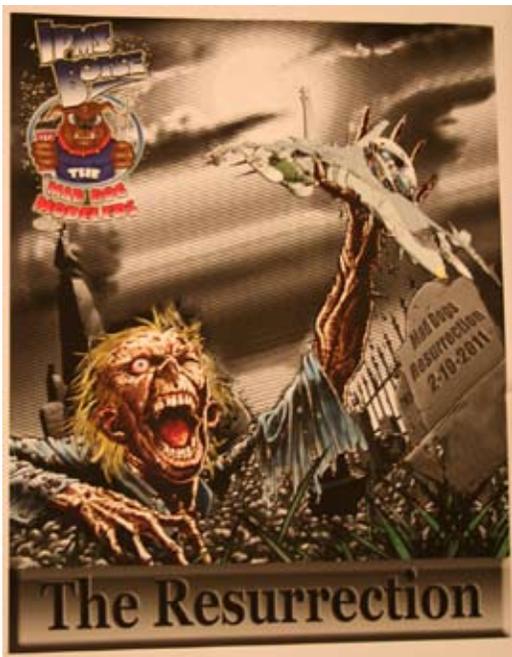
Ace Grumman Guardian Tanker  
1/72nd Scale  
by Terry Falk



Revell 55 Chevy Belair Convertible  
1/25th Scale  
by John Wilch



Monogram Draconian Marauder  
1/32nd Scale  
by Bill Speece



Revell F-4E Phantom II  
1/32nd Scale  
by Larry Van Bussum



Academy M1A1 Abrams  
1/35th Scale  
by Thomas Whorley



Second Place  
ICM Panzer 2D  
1/35th Scale  
by George Bacon



Third Place  
Octopus Fairey Firefly  
1/72nd Scale  
by Herb Arnold

Model of the Month



Peterbilt Wrecker  
1/25th Scale  
by John Wilch



Lindberg 66 Chevy Chevelle  
1/25th Scale  
by John Wilch



Revell 69 Dodge Charger  
1/25th Scale  
by Jim Burton

Display Models



Italeri Panzer IV G  
1/35th Scale  
by Brian Geiger



Hasegawa P-47M  
1/48th Scale  
by Mark Oliver



Dragon Panzer IV G  
1/35th Scale  
by Ian Robertson



Tamiya "Septic Tank"  
1/35th Scale  
by Bill Speece



Games Workshop Lor "Balrog"  
35mm Scale  
by Steve Carder



Classic Airframes Vampire FB5  
1/48th Scale  
by Mark Russell



### Model ship scales

For those modelers that like to have a constant scale and be able to have a collection of civilian and military ships, the large amount of scales used can be a source of frustration.

The first constant scale used with military ships was the 1/600 used by Airfix.

In the English speaking world, measurement follow the “imperial system”, so conversion followed as fraction of feet to inches.

1/48 = 1/4 inch to foot.

1/72= 3/16 inch to foot.

1/96= 1/8 inch to foot.

1/192=1/16 inch to foot.

Therefore we can ask ourselves where did the famous 1/600 scale originated. The scale represent 1” to 50 feet and it was the scale used for scale ships at the British Admiralty. Naval Intelligence also used models made at that scale for recognition. Many civil engineering plans and models also use that scale. The model company which use that scale for ships models (beside Airfix) is ARII.

I have been trying to have a compendium of all the major scales used but the list is certainly not all inclusive.

1/1250 Die cast ship models used in continental Europe for war gaming.

1/1200 Die cast ship models used in US & England, some are now available in resin and styrene.

1/800 ARII and Academy warships.

1/720 Revell , Testor and Italaeri warships.

1/700 “Constant” scale initiated by the Japanese 4, Aoshima, Tamyia, Fujimi and Hasegawa. Later to be joined by the like of Skywave, Dragon, Tumpeter, and many resin manufacturers. This has become the preferred scale for the smaller size ships models.

1/600 Airfix and ARII,

1/570 A box scale used by Revell for some liners and military ships. Close enough to be used beside 1/600 scale models.

1/550 IMEX freight carriers.

1/500 Some aircraft carriers and battleships by Fujimi & Nichimo.

1/450 Gunze-Sangio liners, Hasegawa Yamato, and IMEX freighthers.

1/400 Made popular by Heller for their series of French warships. The Polish Co. Mirage is also using this scale.

1/350 Adopted by Tamyia as the “large” scale for warships. Then Tamyia did not release another model (new) in that scale for almost 20 years. Then there was the Fletcher, then again nothing! But the Ginny was out of bottle and it was adopted by all the new ship model manufacturers (resin and plastic)

THE SCUTTLEBUTT CONT.

- 1/250 Heller & Doyusha models.
- 1/200 This scale was adopted by Heller for some of their sailing ships for the modelers that did not have the \$\$ or the space for 1/100 ship. Also a couple of civilian ships are available in that scale. Also it was made popular with the Yamato from Nichimo (with some destroyers and a couple of submarines) and more recently the Arizona from Trumpeter.
- 1/192 Imperial scale close enough to be used with the metric 1/200. Mainly used by scratch builders. Flagship Models use that scale for the Civil War Ironclads.
- 1/150 Heller sailing ships,
- 1/144 Half the 1/72 scale and used mostly with submarines, recently Revell issued a destroyer in that scale.
- 1/100 Heller sailing ships, the most notable being the Victory and Soleil Royal.
- 1/96 Historic sailing ships released by Revell (Pedro Nunez, Termopylae, Constitution, Kearsage, etc..) almost identical to 1/100. Some Civil War Ironclads are also Available in the scale from Cottage Industry.
- 1/75 Heller sailing ships such a the Chebec and Roman galley. Can be used with 1/72.
- 1/72 Imperial version. Several ships have been released in that scale, the most notable are the Snowberry from Revell, the PT 109, the Tamiya Vosper, a couple of US and German submarines.
- 1/48 Not a popular scale for ship modelers. The old Glencoe Coast Guard rescue boat and the Monogram Vietnam era river patrol boat are a couple of examples.
- 1/35 This was mainly an armor scale originated by ..... Tamiya and is now the most popular scale in that genre. It has become popular with PT boats modelers, Pt's from 4 countries are now available, US, Germany, Italy, USSR, and soon Britain.
- 1/25 A scale mostly used by engineers, it is the smallest scale at which a models ship will act like a full scale ship when subjected to wind and wave actions.

Some other "odd" scales used for ship models; 1/15, 1/110, 1/120, 1/125, 1/220, 1/225, 1/253, 1/270, plus the numerous "box" scales.

**New ship models releases.**

Dragon 1/350 USS Pennsylvania, Zvezda 1/350 HMS Dreadnaught (WWI), Combrig 1/350 Russian Destroyer Grozsiy (1905), Academy 1/400 Titanic with PE and wood deck, this beauty is available from Internet Hobby for \$ 140. It will be a limited edition.

U-Boat Laboratorium which is specialized in resin models from ships of the 1880 - 1920 era in the 1/350 scale will be branching out with a sister company called Pacific crossroad. Under that label they will be releasing 1/350 models of ships involved in WWII. Their first release is the Dutch cruiser DeRyuter. UBL will be releasing the SMS Sharnhorst, the French battleship Justice, a French destroyer and a couple of u-boats

## Figure Review Pegaso Model 90-050 Teutonic Knight.



At first glance this was a “must have” for my stash. The photos of the model were impressive. Also being a foot figure the price was within reach. It was a stroke of luck that I was able to see the model before making the purchase. As with any other Pegaso models the casting and the fit is superb, but.... The scale is wrong! This is a 80mm figure sold as a 90mm. the great helm of this figure compared to another 90mm figure is about 2/3 the size. Also when you consider that anyone wearing armor is wearing a substantial amount of padding, this guy is pretty skinny. All the credit goes to the painter who made this figure look right. The sculptor is not Andrea Jula or Viktor Konos who made the other knights figures for Pegaso, but Gianni LaRocca.

A great figure but be prepared to be disappointed if you want to have it part of a diorama with other “90mm” figures.

## Horseshoes

At the last meeting I was asked if Roman cavalry did use horseshoes. I was sure that they did not use stirrups but I was not absolutely sure concerning the horseshoes. This of course concern the Western Roman Empire which lasted until 476 AD not the Eastern Roman Empire which latest until 1453 AD. Not trusting the Internet when it concern historical facts, I consulted several of my books treating with the Roman army in general and more specially cavalry. Also consulted Archeology and renaissance magazines. So here it is what I came up with.

Indeed the Western Roman never used the horseshoe, instead they used a type of raw-hide boots that they laced on the horses legs. So now it comes to the second part of the question, who came up with the horseshoe? Well, nobody is really sure. The first example of a horseshoe ever found was in the tomb of a Frankish King which reigned in the 500 AD era. The tomb is located in Tournai, Belgium. The first written documentation concerning horseshoes is in the Koran. The infidels were charging the warriors of Allah, the horse hooves making sparks on the stony ground. It is probably referring to the Eastern Roman heavy cavalry called Cataphracts. Only hooves with horseshoes are capable to make sparks on rocky ground. The Koran was written about 660 AD. Interesting enough, the horseshoe found in Belgium was made of iron and not of bronze. It must have been a rarity and an item of great value to have been buried with a king. Iron being much more valuable than bronze we can guess that most early horseshoes were made of bronze. The Eastern Roman found out very soon that iron shod horses could be a fearsome weapon on their own. Their horses were trained to kick and bite.

SCALE SCIENCE

Real or Fake? Or Real Fake?

The August 2010 issue of Popular Mechanics had an interesting article on page 102 about a photographic technique for taking pictures of real, or life size, vehicles and or scenes and render them in such a way as to make it look like it is a scale model. Here is your chance to expand your model collection (or at least pictures of it) with the most realistic models ever built, and all you need is a digital camera.

The optical illusion is achieved through depth of field (DOF). DOF, as defined by Wikipedia, is the portion of a scene that appears sharp in an image. The DOF is determined by the camera-to-subject distance, the lens focal length, the lens f-number and the format size or circle of confusion criterion. A photo of a scene taken from far away - such as from a building or mountain - will almost be entirely in focus. Achieving a fully focused picture of a close-up of something like a model is more difficult. Normally, in that instance, only a small portion or slot of the picture is in focus, and the remaining portion of the picture is out of focus. If you blur the foreground or background of a picture of a scene, you can create an optical illusion that appears to be a close-up shot of a scale model.

There are several ways to take these sorts of photographs. The “pure” way is to use a “tilt-shift” lens on a SLR camera. The tilt-shift lens can be used to tilt the axis of the glass in front of the camera’s image sensor, controlling which part of the image is in focus. A tilt-focus lens costs over \$1000.



FIG. 3

Another way is to use photo-editing software such as Adobe Photoshop. There is a “Lens Blur Filter” that can be used to produce the same effect. Another possibility, for smart phone users, is an app like “TiltShift Generator” or websites such as [www.tiltshiftmaker.com](http://www.tiltshiftmaker.com), which is what some of the photos below were produced with.



FIG. 4

Using a tilt-shift focus is a fun way to look at the world around you. Many scenes and vehicles can be “miniaturized” and produce some outstanding photos. Only you would be the wiser as to whether the picture is of your latest and greatest model or diorama, or of the real world. See if you can tell which photos below are “real” models and which are “fake” tilt-shift real-world scenes. (Answers on Page 12)

Larry Van Bussum



FIG. 1



FIG. 2



FIG. 5



FIG. 6



FIG. 7



FIG. 8

Years ago I wrote about new modeling resources popping up on the internet. Enough time has passed to merit an update so I decided to briefly revisit the topic.

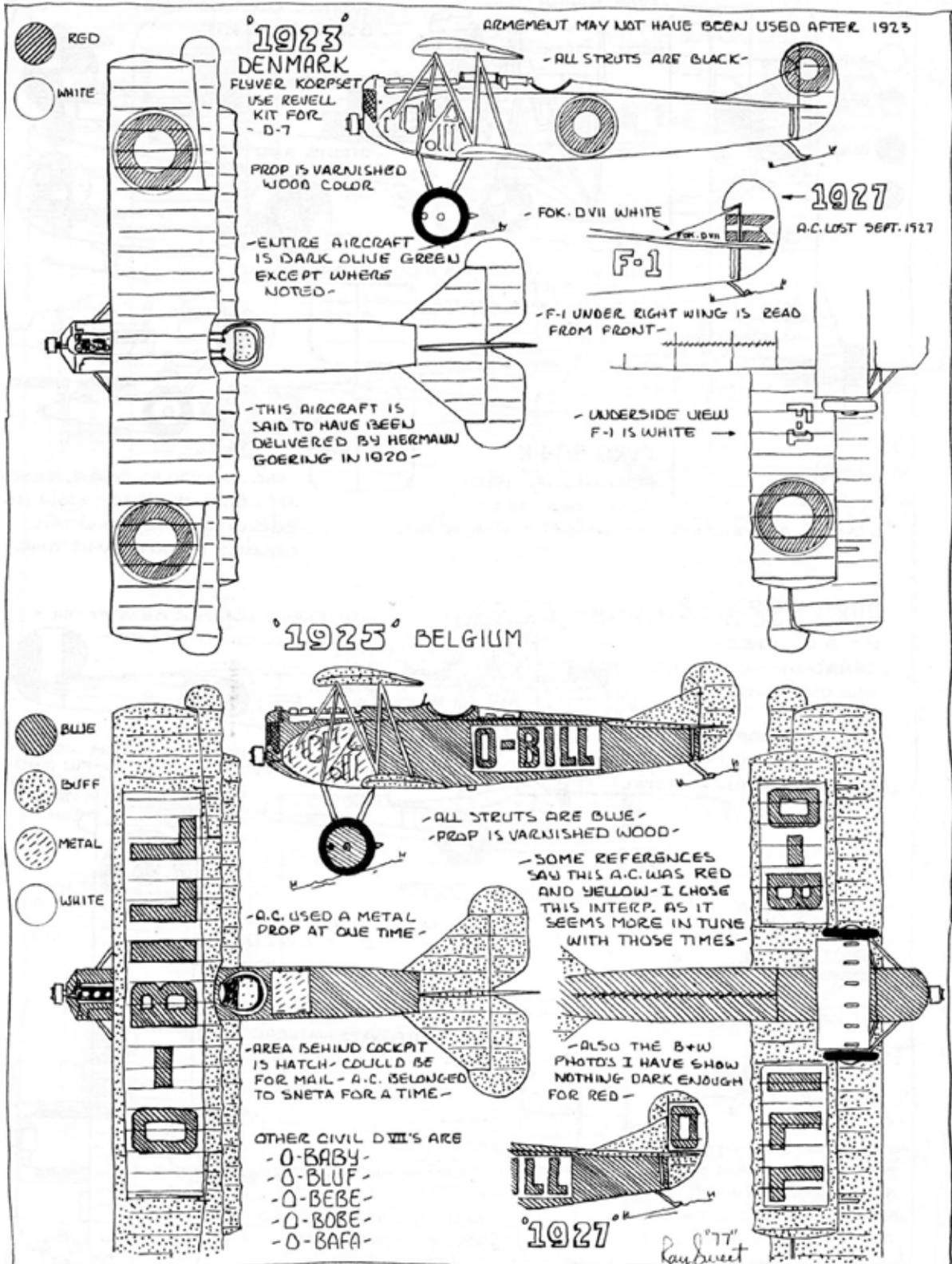
The amount of internet modeling resources is pretty amazing when you consider that just 15-16 years ago, users had to search deep to find scale models online. Content was usually limited to a few personal galleries. Now we expect no less than historical references, new kit release information, reviews, and even blogs detailing step-by-step builds.

I wondered what would be the next evolutionary jump. As YouTube evolved into a major cyber entity, I toyed with the idea of a dedicated modeling video-posting site called "GlueTube". Check that off of your list now because it's been done and it's called...YouTube. Rather than creating a dedicated site, model enthusiasts simply answered the call by posting modeling videos to YouTube. If you haven't searched for modeling videos lately, you're in for a treat. Take your pick from viewing vintage footage of war machines, panning up and down tables of model contests, and witnessing model techniques in action. I was blow away by the amount of armor weathering references dealing with oils, pigments, rust, dust, mud, chipping, fading, color modulation, etc... Want to see someone create chips masking with salt or a layer of hairspray? Ya, It's all there baby. Some are better than others. Some are in foreign languages and some call into question the sanity of their authors. Regardless, they're out there and just a few clicks away.

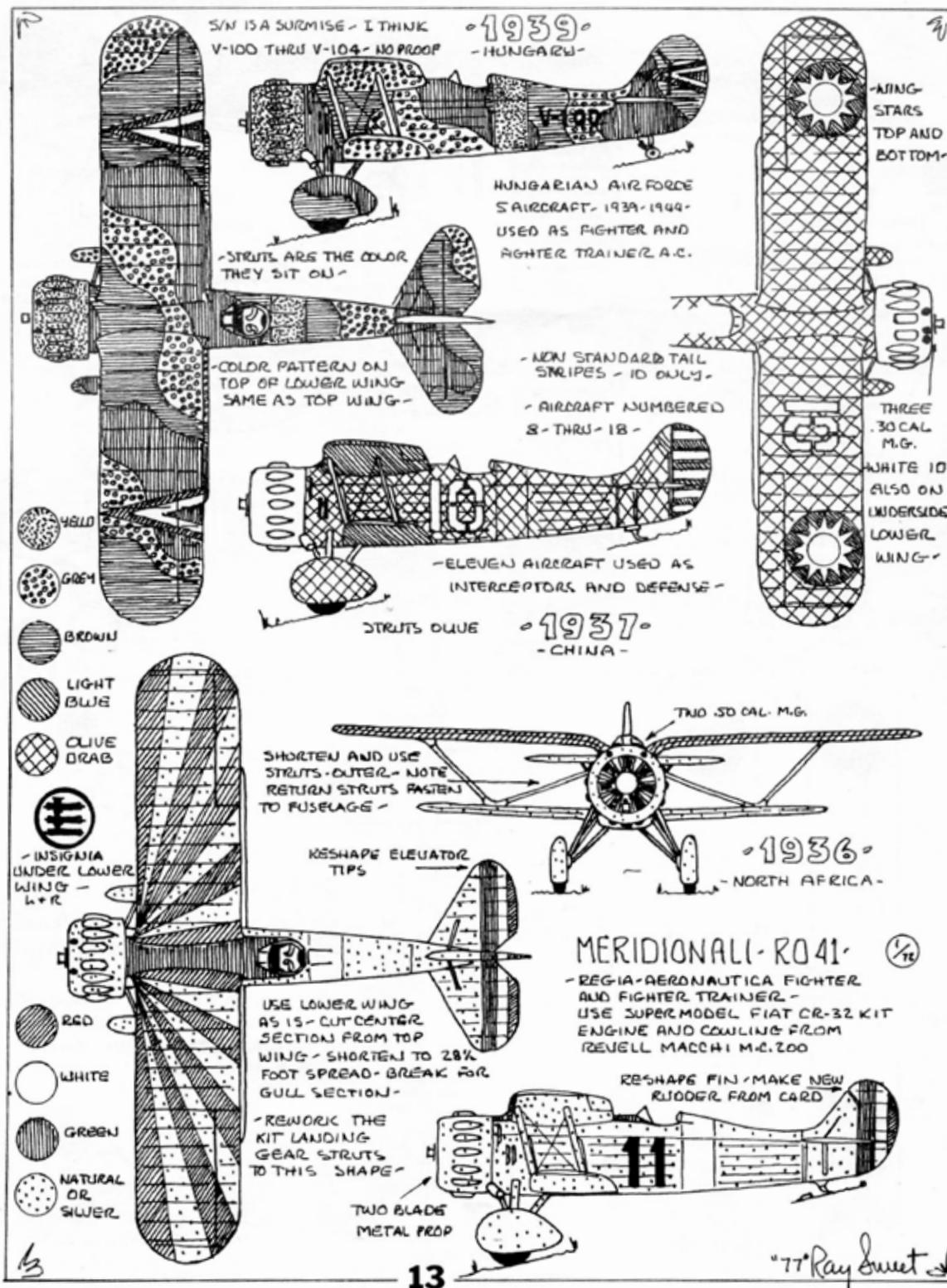
My tip for the month is to try some model keyword searches on YouTube. Don't hesitate to share if you find a gem like this one entitled, "Weathering with pigments" by ScaleModelMadman. After demonstrating the technique, he dons his Les Paul and finishes up with a tasty lick. Check it out:

<http://www.youtube.com/watch?v=iGA32YSK9Uw>

Brian Geiger



RAY SWEET TRIBUTE



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