



# SCALE-MAIL

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## NEXT MEETING

# MARCH

7.30pm  
Tuesday 15<sup>th</sup> March  
Leys Institute (upstairs)  
20 Saint Marys Road  
Ponsonby

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### COMMITTEE

Chairman - Mark Robson	Craig Sargent
Secretary - John Swarbrick	Lance Whitford
Treasurer - Colin Smith	Henry Ludlam
	Peter Mossong

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[Link from the IPMS Auckland Website](#)

## THE CHAIRMAN'S BIT

Hi everyone,

### This Month's Meeting - March 15th

Please note that once again the meeting this month seems very early as the first of March was a Tuesday. This seems to have happened quite a lot over the last year!

We will feature the discussion and demonstration on painting insignia rather than using decals by Brett Sharman that had to be delayed from last month.

Please feel free to bring any of your own models which have been completed using paint masks, or even better a half-completed paint job that can help us all understand how these accessories work.

Other half-finished models and updates on your Shelf of Doom entries are welcome as always.

### Build the Same Kit 2016

Just a wee reminder that this year the BSK competition features the Tamiya Mini Cooper. These are available for sale from Modelair at the discounted price of \$25.00, get yours started now!

### Venue Change for April and May Meetings

The council has informed us that there is work happening on the Leys Institute building for the next 2 months and we cannot use the meeting room.

Our secretary has suggested that we use Modelair for the meetings, and I am quite happy to do this and also add-on some sort of promotional event to mutually benefit members and the shop.

We will discuss this at the meeting this week and form a consensus view.

Cheers

Mark

# BULLETIN BOARD

## EVENTS THIS MONTH & MARCH CLUB NIGHT NOTES

### Notice of Annual General Meeting.

The IPMS Auckland AGM will be held at 7.30 pm on April 19th 2016.

We will be looking to elect a new chairman, find a new newsletter editor and accept any further volunteers for the committee. We also need to confirm a new treasurer. The AGM will be completed in short order I hope so we will still have a full program. No need to miss this one on the basis that it will be "boring".

### Hornby News

Source: The Guardian, Feb 15th, 2016

Hornby's chief executive, Richard Ames, has quit less than a week after the model railway maker issued a third profit warning in five months and said it risked breaching a lending agreement with its bank.

Ames will leave with immediate effect after less than two years in the job. Roger Canham, the chairman, will run the company for the foreseeable future, Hornby said.

Last week Hornby said it expected to lose as much as £6m this year, far more than expected after three profit warnings since September. It also said it was in danger of breaching a banking covenant with Barclays, potentially prompting the bank to call in the debt and threaten Hornby with collapse.

The company, which also makes Airfix kits, Corgi cars and Scalextric, was hit by a series of setbacks as Ames tried to overhaul its operations. UK sales fell last summer because of disruption caused by new computer systems while business in Europe was also affected by the revamp and the non-arrival of products from China.

Sales in Britain recovered in December but then plunged after Christmas as retailers decided not to order new stocks. Hornby was forced to write off £1m of items at its new warehouse and European sales remained below expectations.

Shares fell more than 60% after last week's announcement, the company's worst day of trading since it listed on the stock exchange in 1986. Shares rose 10% to 27p after Ames's departure was announced on Monday but are still worth less than a quarter of their value in late August.

Ames said last week Hornby had a supportive relationship with Barclays, to which it owes £9m, and that it was in talks with the bank. Hornby's woes prompted the former Top Gear presenter James May to encourage his followers to buy a Hornby train set to save the company.

Ames, 45, joined in April 2014 from Ladbrokes and was given the job of turning around Hornby, which had been bedevilled for years by problems with its Chinese supplier. Hornby extricated itself from the contract shortly before he joined but then hit trouble with the new manufacturer as products failed to make it on to shelves in Italy and other European markets.

As part of his attempted overhaul, Ames moved the company's warehouse and head office from its historic location near Margate, Kent, to a site near Canterbury and decided to relocate the popular visitor centre to nearby Ramsgate. Canham will be executive chairman for the second time after running Hornby for a spell before Ames joined.

Hornby posted a £4.5m loss for the first half of its financial year in December and forecast an annual loss of about £2m. The company said in January its new products, including wooden toy Hornby trains and Corgi models based on the original Thunderbirds TV series, had gone down well at trade shows.

<http://www.theguardian.com/business/2016/feb/15/hornby-boss-richard-ames-quits-third-profit-warning-five-months>

# BULLETIN BOARD

## CLUB SUPPORT

The following retailers have kindly agreed to offer IPMS Auckland club members a discount on their purchases upon presentation of their current IPMS Auckland Membership card.

The discount only applies on selected product lines and remains at the discretion of the retailer.

### ModelAir

12 Kent St Newmarket  
Auckland  
p: 09 520 1236  
10% on kits

### Stoker Models

Cnr Market Rd & Gt South Rd  
Auckland  
p: 09 520 1737  
10% on kits and modelling supplies

### Avetek Limited

Gwyn and Christina Avenell  
28 Lauren Grove, RD 2, Papakura,  
Auckland 2582, New Zealand.  
p: +64 (09) 298 4819,  
m: +64 (0)27 343 2290  
e: aveteknz@gmail.com  
www.avetek.co.nz  
New Zealand Master Agents for:  
Auszac ECO Balsa • Bob Smith Industries  
- Cyanoacrylates and Epoxies • Airsail  
International Kitsets

### TOYWORLD

Toyworld Henderson  
56 Railside Rd, Henderson  
Toyworld Westgate  
1 Fernhill Dve, Westgate

15% Off the normal retail price on:  
- All models and modeling accessories  
- All Hornby  
- All Siku  
- All Schleich & Collecta figures and accessories  
- All Meccano  
- Lego (Excludes Lego Mindstorm's they will be 10% if available as most have already been preordered)

(Note: not in conjunction with any other promotion)

### Capital Books

110 Featherston Street  
Wellington  
<http://www.capitalbooks.co.nz>

10% off most items on presentation of IPMS Auckland Membership Card. CB has a list of current IPMS Auckland members for internet purchases.

### Merv Smith Hobbies

27 Davis Crescent  
Newmarket  
Auckland

10% off most items on presentation of IPMS Auckland Membership Card.



Avetek Limited

# BULLETIN BOARD

## NEW MEMBERS AND SUBS \*\*\*\*\* 2016/17 DUE \*\*\*\*\*

Subs for 2016/17 due soon - see below for club account details or see the club secretary at the next club meeting.

### Annual Membership Fees

Membership Type	Description	Cost
Full	Living in the Auckland metropolitan area	NZ\$45
Out Of Town	Living 75km or more from central Auckland	NZ\$30
Junior	Same rights as full membership for those under 16	NZ\$25

IPMS BANK ACCOUNT NUMBER

03 0162 0012960 00

Please add your details so we know who has paid.



## EVENTS

### CLUB NIGHT EVENTS

**March 15th 2016** - IPMS Auckland Club Night

**April 15th 2016** - IPMS Auckland Club Night

**May 17th 2016** - IPMS Auckland Club Night

**June 21st 2016** - IPMS Auckland Club Night

# Lead + CA glue

A dangerous combination....

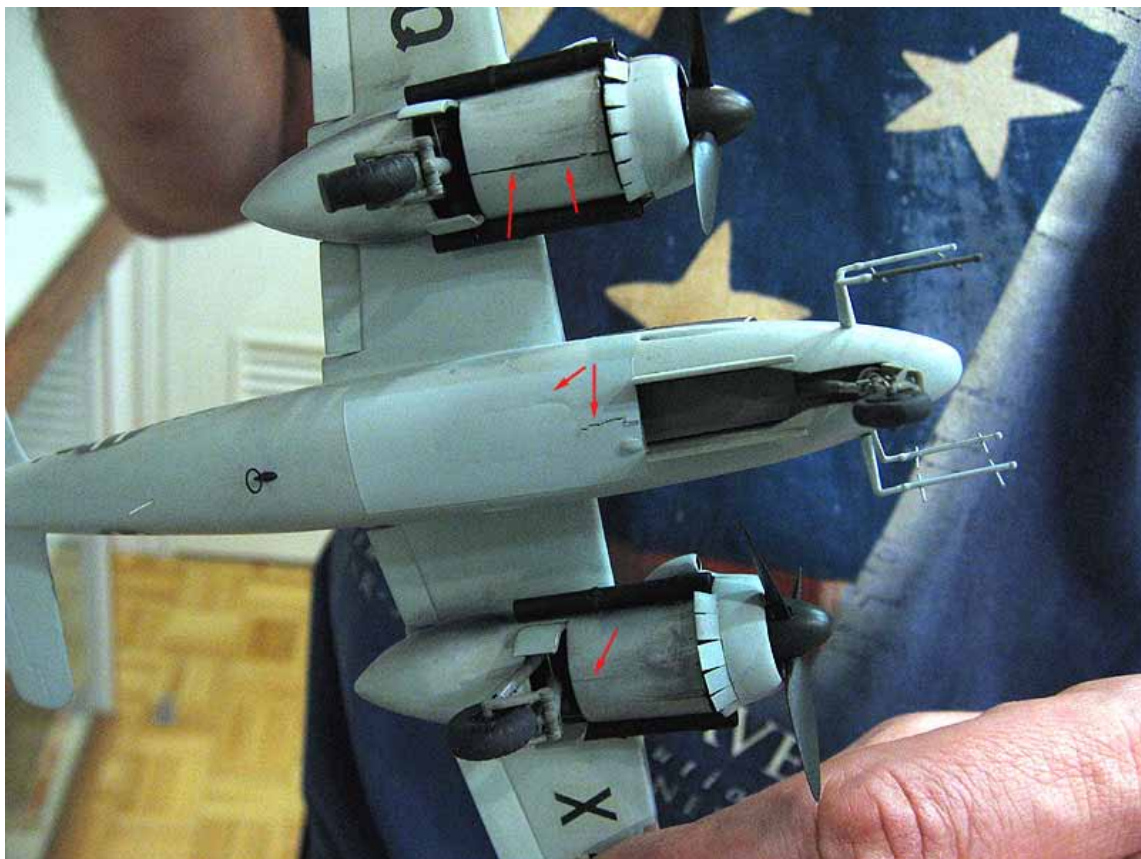
Source: [http://www.ratomodeling.com/articles/lead\\_ca/lead\\_ca.html](http://www.ratomodeling.com/articles/lead_ca/lead_ca.html)

This is something brought to my attention by our friend Nei Biazetto. Although most of us have already heard about it, I for one have never seen the actual consequences. I'm talking about the usual method of glueing weights inside models to avoid the well known tail-sitting problem. The most common method to prevent it is to glue lead balls in hidden spots of our model to make its center of gravity remain between the landing gear legs. This makes the model to sit properly on the wheels, instead of laying back on its tail. P-38s, Moskitos and B-25s are prime examples...

Well, if you like to use white glue to cement the lead in your models, stop reading now and do yourself a favor: keep using white glue. If not, be aware that a very undesirable phenomenon will probably happen to your models (or already have - cross your fingers).

I don't know exactly what is the chemical reaction which takes place in the dark interior of our models, but it seems to form an ever growing layer of oxide (or salt?) visually similar to what happens to your car battery terminals: a white, brittle stuff... The fact is that the stuff doesn't stop growing, until it fills up the model cavity where the lead was glued, and increasing the internal pressure to the point of actually breaking your model apart.

Nei showed me a couple of models in his collection suffering from the problem. These are valuable examples. Look at the engine nacelle of this 1/72 Focke-Wulf Ta-154, it has broken along the seam line, the same happening to the fuselage (in spite of a previous Nei's attempt to correct the problem):



Nei told me that the process takes time. About 5-10 years in his cases. And it is an ugly view. This Heinkel He-219 literally exploded beyond repair:



And before you try to repair the crack, remember, the stuff will keep growing inside your model. Always use white glue or even better, avoid lead.

I recall reading somewhere a set of directions to be followed by professional ship modelers in order to have their models accepted by museums. That included a tacit "No lead parts" and even a "No paints with lead content". Now I know why...

I hope you find this tip useful. And if you have more information or photos on the subject, please drop me a line.

rato.marczak@uol.com.br (2008)

# SAM I am...

Trumpeter 1/35 SA-2 Guideline Missile on Launcher

by Bruce Salmon



I once built an Airfix 00 scale Sam-2 kit when I was a kid; it was one of my favourite models. I remember trying to convince my mother to buy it for me and that it wasn't above my skill level. Years later most of my models were chucked out after the great shelf crash of '86 and I hadn't thought about my beloved SAM for a long time.

Recently I was in need of a break from my, so far, year-long Mosquito build and the slow progress was starting to wear me down. I was randomly looking through the wares of Lucky Model and guess what popped up? The 1/35 scale Trumpeter kit! It is much bigger

than the Airfix one and should turn out rather more impressive so I dove in and bought one.

It is a simple kit and although there are various incarnations of both the missile and the launcher I decided to just build it out of the box and not bother with any research. Accuracy wasn't my concern as I only wanted a quick and painless experience and to practice some weathering techniques.

Unfortunately the plastic has a very rough texture and the curved parts e.g. the missile body and the flame deflector are stepped like they have been 3D printed. They need

a fair bit of filling and sanding to get a smooth curved surface. Many mould lines are also quite obvious and needed some attention. Overall there was quite a lot more filling and sanding required on this kit than I expected or wanted.

Launcher:

I started this build beginning with the Launcher which was relatively straight forward and completed in a short time. A few adjustments were made as follows:

- The bottom of the swivel joints of both left and right folding legs needed sanding off for the launcher to sit flat on the ground.



- The swivel base (P3) that the middle control box assembly sits on needs to be adjusted when gluing so that it will sit horizontal.
- The grab handles were replaced with brass wire - just because.
- The screw clamps (O23) for the underside of the control panel assemblies needed holes drilled to positively locate each one before gluing.
- The hydraulic links (P24/ P25) need to be aligned correctly to fit with the flame deflector so you will have to dryfit the launcher assembly while gluing them.

Next I built the launcher ramp. This is quite tricky to glue together while at

the same time trying to minimize seam lines; mine developed a slight twist. You cannot elevate the ramp so you will have to select a permanent angle when you glue the control panel sides together. I suppose it wouldn't take too much effort to scratchbuild an adjustable ramp if one could be bothered.

Strangely there is a length of thin copper wire provided with the kit although I can not fathom why and it is not mentioned in the instructions.

Missile:

The bodies of both the missile and booster were assembled first (sans fins)





so that seam lines would be easy to remove. Mating the two proved problematic as it was difficult to be sure if the booster was aligned straight with the rest of the missile. The fins were attached next and required some time to align properly. Any gaps around the fins as well as a few sink marks were filled with Mr Surfacer 1000 and sanded smooth. Once the missile is complete you need to be careful not to break off the booster portion as the joint is rather weak. Also, since the missile slide-fits onto the launcher ramp make sure you test this operation before painting to be confident it works properly.

#### Painting the Launcher:

The base, left and right control panels, middle control box, flame deflector and launcher ramp were all painted separately. The colour scheme I chose was from a photo I came across on the internet of a new missile sitting on a well used launcher. This would offer plenty of scope to practice various forms of weathering.

My "Russian Green" of choice was a mix of 50/50 XF-58 Olive Green and XF-13 J.A. Green. This was post shaded with progressively lighter coats by adding XF-4 Yellow Green to the original mix.

After the main colours were laid down I did some chipping using a fine brush and my No.10 Optivisor lens. The chipping colour was dark rust using a mix of 50/50 XF68 NATO Brown and XF1 Flat Black. Following this I gave it a coat of gloss varnish to prepare for the weathering process and because acrylic paints tend to wear off easily when handling.

First I applied an all over filter wash with AK Enamel Wash for DAK Vehicles thinned 50/50 with turps. I let this dry for 24 hours then added other effects using the likes of AK Streaking Grime, Rust Streaks, Dark Brown Wash, Light Rust Wash and Rain Marks. This was later sealed in with a coat of matt varnish ready for the final weathering with pigments. The main pigments used were AK Dark Earth and Airfield Dust either alone

or mixed. AK Pigment Fixer was used to fix the pigments in place. Exhaust effects on the launcher ramp and rear of the control panels was achieved by over spraying with a blackish enamel mix. This was then variously removed with a flat brush dipped in white spirits which is less aggressive than turps. The brush strokes were made in one direction to mimic how rain would weather the soot. This was later drybrushed with grey and rust oil colours. Unfortunately the angle of the strokes dictates what inclination the ramp must be set at.

The flame deflector was initially painted green, postshaded, and then the rusted area was sprayed with the dark rust mix mentioned earlier. Next I painted the black exhaust effect around the edges. Then came much dabbing of the rust area with a piece of sponge dipped in various rust coloured acrylic paint mixes thinned 50/50 with IPA. Once dry I brushed on some oil paints (Vandyke Brown, Crimson, Orange Cadmium,





Cadmium Deep Yellow) to blend the colours a bit more and add some texture. Over this I sprayed a matt varnish followed by brushing on some AK Interactive pigments Medium Rust and Light Rust.

#### Painting the Missile:

This proved to be time consuming as there is nothing to hold on to, meaning you can't paint the whole thing all at once. Consequently I resigned myself to painting half at a time then waiting for the paint to dry before proceeding to the next half. My colour mixes for the missile are as follows:

Missile: XF-63 German Grey – 1 / X-2 White – 4

Booster: H338 Light Gray – 4 / X-2 White – 1





The missile was only given a light postshading as it would be fairly clean. Gloss varnish was then sprayed in preparation for decals.

#### Decals:

The multitude decals provided are intended only for the missile. Trumpeter has tried to help speed up the process by printing several decals as one however this can lead to big trouble when they extend both along the length and around the circumference of the missile body.

I strongly suggest you cut the big ones into several parts to avoid problems. The decals are also quite thin and can fold over on themselves if you are not careful. Be sure you know which way up the decals go as they are mainly for the left or right side. Gloss varnish was again sprayed before weathering took place.

The missile didn't require much in the way of weathering so I gave it a light oil wash with Raw Umber. A coat of matt varnish was sprayed and the job was complete.

The final thing to do was to slide the missile onto the ramp which proved to be quite a tricky operation. The finished kit certainly looks the business and in this scale is a stand-out in my model collection.

# Zvezda 1/144 IL-62M

In-box / early build Review by Robert Willis



What is it they say about London buses all coming at the same time - this kit has been on the way for some time, turning up about the same time that ICM released the same subject in the same scale.... And if you have a spare \$200 you can build the new HPH kit in 1/72nd scale!

Anyway I've been waiting for this one - apparently the kits are very similar except the Zvezda kit includes more cockpit detail including a positionable front passenger door with corresponding wall/internal door detail - most of which is a waste in a kit of this size/scale to be honest - and given that I've started the kit I'll elaborate on that in a mo.

The kit is packaged in a style which seems to be Zvezda's preference these days - lovely artwork on the cover box, 3D CAD drawings on the underside - inside is a sturdy box containing the kit itself that slides out of the slightly less sturdy cover box. All sprues are bagged and includes a stand - which seems to be in all Zvezda kits lately.

The kit itself is moulded beautifully - very fine detail on things like the trailing edges, flap actuators, empennage, etc - some may argue the panel lines are too deep for the scale but a coat of primer and paint will soften them anyway. Many options include the aforementioned door open or closed, flaps up or down, rear tail strut up or down, and empennage up or down (for landing/take off configuration).

The plastic is softer than you'll find in other kits and has a slight satin texture but construction and sanding has shown that it isn't an issue. My only concern so far has been the type of plastic used for the clear parts - it doesn't seem like anything else I've come across in other kits but so far has bonded using my normal cement.

I mentioned before the internal detail perhaps being wasted in this scale - so construction proceeded as with most kits - cockpit construction, fuselage in halves, top/bottom wings and so forth - however I stuck an issue when trying to fit the front windscreen - I just could not get it to match the fuselage contours. In the end I've had to fill and sand, losing the windscreen frame detail and scratching the clear plastic, leaving no choice but to paint the windscreen a solid colour - much like resin airline kits. And therefore the work I did on the interior was for nowt! It was enjoyable none the less which I guess is just as important.

I'm just at priming stage so can't comment yet on the decals - my only past experience with Zvezda decals was their 1/48 La-5 kit - decals I recall were ok, a little opaque on some colours but easy to use. I'll comment further when I get that far. I'm looking forward to finishing this kit to compare it with the Tu-154 I'm building (also Zvezda) and the upcoming Roden VC-10's due for imminent release.

Cheers  
Rob

# GALLERY

CLUB NIGHT MODELS

This month we're trying something a little different with the gallery.

Instead of trying to squeeze the photographs from Club Night onto these pages, we've decided to try a new gallery format on the clubs website. This means larger images with higher resolution - so you can see all those previously unnoticed finger-prints in hi-def.....

So, for your viewing pleasure, please visit the gallery pages for 2016 on the website or get there by following this link:

[http://ipmsauckland.hobbyvista.com/galleries\\_2016.html](http://ipmsauckland.hobbyvista.com/galleries_2016.html)



## IPMS Auckland

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**Back to Model and General Gallery 2016**

On The Table - IPMS Auckland Club Night - January 2016



# LAST WORDS



Italeri have recently released two ex-Protar kits including the monstrous 1923 FIAT Mefistofele and the FIAT 806 Grand Prix car. The Mefistofele was powered by a 21 litre aero engine and broke the land speed record in 1924 with a speed of 234.98 km/h. The car itself still exists in running order.

The kit has had some extra items added but is essentially a Protar kit in new plastic. But built up its pretty impressive and would look pretty cool next to an Airfix Blower Bentley.

There are some pretty impressive build online - just ask Uncle Google... And Modelair currently have them in stock - might have to ask the boss nicely...

So this is likely to be my last ScaleMail - 3 1/2 years is enough me thinks and the newsletter is due for a fresh approach - now I might have time to do some actual modelling!

And as usual - check out the IPMS Auckland website as we're trying to keep the content a bit more dynamic. We won't be regurgitating content found on other websites but will provide links to sites we think are of interest to members.

Also remember to check out the 'On the Table' galleries which will now be on the website only.

...and again, a reminder that if you have anything to contribute, be it images of an event you went to, a model you're building or fancy reviewing, something you've bought online or anything else even remotely modelling related you think may interest the rest of the club, send it through to me at: [jaxbw@orcon.net.nz](mailto:jaxbw@orcon.net.nz) (for now) or have a chat with me at Club Night.

Cheers  
Rob

