



DH Scale



IPMS, What's it about?

Given the chapters interest in pursuing an IPMS charter, it's probably a good idea to provide a brief run down on what the IPMS is, and how it operates. Briefly, the International Plastic Modelers Society (IPMS) was founded England in 1963, and soon spread around the globe. Its chapters can be found from Argentina to Sweden, and from Australia to Guatemala. The organization is run on a purely voluntary basis.

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Here in Canada, the society is represented on a national level by IPMS Canada. This is subordinated by numerous local chapters across the country. The national body serves not only in an oversight role, in the granting and maintenance of charters to local chapters, but also acts as a sort of conduit to aid in the cross-pollination of information and ideas between these chapters. Given the expanse of our country, this is likely no easy task. To give you an idea of the far-flung nature of IPMS Canada, in the same period of time that they received our query regarding IPMS charter information, they also received requests for chapter start-up information from a group in Leduc Alberta and another in the United Kingdom.

So, what's in it for us? Well, in addition to the information benefits mentioned above, IPMS membership will also allow us to work more closely with, and tap into the wealth of resources of other local chapters. IPMS Toronto and Ottawa both have a number of internationally renowned and "decorated" modelers among their members. Some hobby shops also offer discounts to IPMS members. Above all though, it will also give us the opportunity to further advance the chapter mandate of promoting the hobby, through direct involvement and participation in various shows and exhibits. All in all, a pretty good deal at no cost to our chapter.

For more information on IPMS Canada, visit their website at www.ipmscanada.com. Finally, a word of thanks to our man Derek, for taking the time to make contact with IPMS Canada, and initiating the charter application process. Hopefully his efforts will bear fruit in the New Year to come.

Coming Events

- Dec 25 Rumour has it that the "Big Guy" is coming to town
- Jan 14 Next Meeting of de Havilland Scale Modellers
- Mar 14 WellCoME 8 model show, Guelph

QUICK TIP

Put your cyanoacrylate in the refrigerator when you're not using it. This will extend the shelf life. Just be careful that it's out of reach of the little ones, and that nobody accidentally spreads it on their fries.

On The Table



Once again we had another fine showing of subjects, plastic and otherwise, brought in for display by our members for the December meeting. It was great to see not only diversity in media, but also in non-aircraft subjects as well.



Derek Pennington started us off with his beautiful Learjet 35 done as a cargo hauler. Derek finished this one in 11 hours!!! (**ed note:** it takes me 11 hours to cut the parts off the sprue) Derek also brought in a Curtiss Mohawk, which was nearing completion. It's going to be a looker when it's done too!

Froilan Reyes brought in a 1/6 scale Predator (the ones Arnold used to play with before becoming governor) figure by Geometrics. Froilan told us that this was his first figure. You'd never have known it!!



The Grand Pooh-Bah himself, Mr. **Iain Fraser**, brought us in a nice little 1/144 PBY with a water bomber conversion and an equally impressive 1/72 Polikarpov I-16 done from the ancient Revell kit. (**Ed. note:** The box looked older than me.)

Joe Sheppard showed off his Antares Curtis Seahawk (see this issue's Build Bytes). Once again I was left in awe of how Joe manages to brush paint these and still achieve such a smooth finish.



On The Table cont'd:

There was a return engagement by **Sandy McRorie's** in process Valentine tank. It's shaping up to be another gem. It's very interesting to be able to see how much scratch-building Sandy incorporates into his products. Also on the table was Sandy's beautifully completed 1/35 Humber Mk1.



Our CFO, **Terry Cooper** brought in a number of 54mm figures, including a trumpeter and officer of Napoleon's Deaths Head Hussars (1783), a mounted hussar officer of Napoleon's 5th Hussars, and a knight, who's believed to be the honourable "Sir John Doe". Terry also brought in his long term, in-process project, an Airfix 1/72 Shorts Stirling. Lots of nice scratch building has been going into that Stirling.

Providing a little more non-aircraft diversity was **Rick Bornsen** with his 1/35 Panzer 38t Ausf. 1. It was very nicely done with some beautiful weathering, which our armour enthusiasts seem to excel at. Rick also brought in his in-process Panther G (late model).



Kris Tymczyszyn brought in a couple of his paper/card models that he's been working on. One was a Sopwith Pup (**ed. note**: not to be confused with a Snipe of course) and the other was a Fokker Eindecker. Kris told us how paper modeling had become very popular in Eastern European countries when the price of plastic kits was prohibitive for many people. Considering the limits of the media compared to plastic, the results are astounding.

Also seen but not photographed:

In his tradition of "brail-scale" projects, Wayne Bowman brought in a 1/32 Hasagawa Spitfire Mk Vb, in the process of being converted into a Seafire Mk IIc.

New-comer Anthony Rossi brought in an unbuilt multimedia/resin 1/20 Benetton Ford B191, made by Studio 27. This casting quality on this looked fantastic. It should build up into a beauty.

From the Editor

What's in a Name



In thumbing through December's issue of Scale Aviation Modeller, I came across the results of a public opinion pole that SAM Publications had run as part of their celebration of 100 years of powered flight. Readers were asked to vote for the top hundred aircraft that they considered as having contributed to the advancement of aviation in the time since the Wright Brothers first took to the air. While not surprised, it was never the less a treat to see the many de Havilland products that took their place on this list. Here are the nominees and their ranking:

- #11 DH 106 Comet
- #16 DH Mosquito
- #30 DH Tiger Moth
- #48 DHC-2 Beaver
- #58 DH Comet Racer
- #67 DH 9
- #92 DH 91 Albatros
- #98 DHC Chipmunk

It's also quite gratifying to note that two of these products were specifically designed and built by de Havilland Canada, while another two of the

products were built here for the parent company.

In the context of de Havilland Canada's own 75th anniversary this year, it's pleasing to see that our namesake has been recognized in such an internationally read publication, as having made such a historically significant contribution to the furtherance of powered flight. We should all take great pride in having the de Havilland name associated with our modeling chapter.

For those interested, there was also one Shorts product nominated (Shorts S.23), but no Canadair products made the list. Hmmm!!!

In closing, I'd like to take this opportunity to wish all of our members and their families a safe and enjoyable holiday season and I hope that you all find much plastic under your tree.

Till next month ... **WB**



At the Next Meeting...

- We'll discuss event sponsorships for the new year.
- We'll get an update on our IPMS charter endeavors.
- Sandy McRorie will show us some techniques for weathering via dry brushing.

Jan 14, 2004



Surf's up

Here are some more modeling related web pages that you can check out over the holidays:

www.perthmilitarymodelling.com

- Perth Military Modelling Site
- Lots of good reviews of the latest aircraft and armour releases

<http://pages.infinit.net/jmarcpe/>

- The Official Parts Yard
- A kind of online repository for model parts.
- Missing a part from your kit? Check here, they may have a replacement for you (for free!!!),

<http://www.f1m.com/>

- The Formula 1 Modelling site
- Has a very extensive list of F1 models released, sorted by team

http://www.currell.net/models/mod_free.htm

- Paper A/C models
- Free plan downloads

Build Bytes

Antares 1/72 Curtiss SC-1 Seahawk

The Kit

This limited run model comes from Antares in an end-opening box with colour artwork on the front, and a paint/decal placement guide on the back. Inside is a poly bag containing two sprues of well-moulded gray components with no flash and a clear sprue consisting of canopy, landing light, gun sight and instrument panel. Parts are included for float and landplane versions. Detail is good, with finely engraved panel lines. The plastic has a slightly rough finish which did not affect the final finish. Unfortunately the clear parts also have this same rough finish and this mars their transparency.

The Instructions

The instructions come in a four-page booklet with a brief type history in Czech and English on the first page. The second page contains sprue maps and paint references in F.S. Numbers matched to Agama and Humbrol colours. Third and fourth pages consist of clear assembly diagrams; the fourth page also has a 3-view drawing and two photographs.

Construction

Construction starts with a basic cockpit consisting of a floor, seat and control column. This is finished in interior green with a black control column. The power plant is from a half-relief engine and a one-piece moulding of the pushrods. With careful painting it looks reasonably good and fits snugly into the cowling. Care is needed when removing the pushrod assembly from its circular sprue.

The major components are next, they have no locating pins but a pass with a sanding block ensures a good fit. The wings are made up of upper and lower panels that match well when assembled. The fuselage



cockpit assembly is secured and the fuselage halves joined. These again line up well. The instrument panel is best installed after assembly.

A trial fit of the canopy at this point revealed that it fouls on the seat. This was remedied by separating the windscreen so that the canopy could be fitted in the open position. The wings have locating tabs but the slots in the fuselage have to be filed out to bring the upper wing surfaces flush with wing root. The tail planes also have tabs and fit well. Medium CA and accelerator was used to ensure the correct dihedral was achieved. Medium CA was also used as filler on the wing root and tailplane joints.

Having chosen the floatplane option the necessary holes were drilled out and the float halves assembled, these again match well. The float has no locating tab but is easily positioned with reference to the 3-view drawing. The assembled model was painted per the box painting guide. The bomb racks, radome, propeller and beaching gear were painted and assembled. Model Master acrylics were used except for the Tamiya sea blue.

Colour Options

There is one colour option consisting of sea blue upper surfaces, intermediate blue sides and light gull gray lower surfaces.

Accuracy

The model scales up to a 41 ft. span and 39.2 ft. length to the float tip. This matched the instruction data and the Illustrated Encyclopedia of Military Aircraft.

(cont'd on next page)

Antares 1/72 Curtiss SC-1 Seahawk (cont'd)

Decals

The small decal sheet is by Propagteam and includes national markings and numbers for one land-based and two USS Iowa based aircraft. The decals have a tendency to fold on themselves and the larger ones stuck where applied despite a coat of Future. Efforts to float these could result in them breaking up. The colour density is good and they settled well into the engraved lines without the use of decal solvent.

Conclusion

A nice kit of an obscure type that requires minimal clean up and fits well with a little trial fitting.



Joe Sheppard

Just a minute!!



Here are the minutes in brief from the last meeting:

- We handed out the new club badges to those individuals who had returned chapter information sheets. Those who filled out sheets at the last meeting will get their badges at or before the next meeting. It was also noted that these badges **DO NOT** confer access privileges to Bombardier.
- Derek gave us a run down on our pursuance of an IPMS charter. It looks promising so far.
- Sandy informed us that he had made arrangements for chapter members to receive a 10% discount at Hornet Hobbies in Scarborough. (just flash your club badge at time of purchase).

Seen on the Shelf

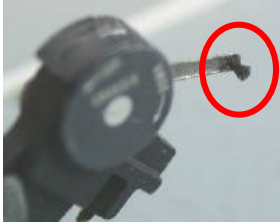
The following are some new releases that have been spotted on the shelf at local retailers

<u>Subject</u>	<u>Scale</u>	<u>Manufacturer</u>
#88 Dale Jarrett UPS Taurus	1/24	Tamiya
F8E French Crusader	1/48	Hasagawa
Firefly 5C	1/35	Dragon
Grumman AS-2 Guardian (3 versions)	1/72	ACE
PBY 5A Black Cat	1/144	Academy

Congratulations to Lino Campoli, winner of the draw for the Bombardier Travel Bag (generously donated by the Sports Club Store).

Tools & Techniques

Scratch Builder's Corner



Here's a technique for making the little knobs often seen on the end of control handles.

Start with a piece of stretched sprue or small dia. styrene rod. Heat a file or X-Acto knife blade over an element or open flame (***please exercise caution with open flames and other heat sources***). Bring the file or blade close to, but not touching, the end of the styrene rod, and watch as the end flares out (mushrooms) to look like the subject knob. Cut it off at an appropriate length and glue to your handle

Future Clinic

Most of the applications of Future that we talked about at this month's clinic can be viewed in the web article at:

<http://www.swannysmodels.com/TheCompleteFuture.html>

However here are a few of the other tidbits that came up in discussion:

- Future can be thinned with water for spray application, or use alcohol for faster drying.
- Don't forget to clean your airbrush soon after spraying Future (or you'll be sorry!!!!).
- Some decal setting solutions can cause future to go cloudy. Just leave the affected area - the cloudiness eventually disappears after a few hours.
- Help repair the micro cracking that sometimes occurs at the sprue gate when removing clear parts, by wicking Future into the area of the cracks.

A Guide to fillers

	ease of preparation / application	formability pre-cure	curing time (to sand)	shrinkage	sandability	finish (post sanding)	Comments
Squadron Putty	excellent	ok	good (< 1 hr)	ok	OK (soft)	OK	
Tamiya Putty	excellent	good	good (< 1 hr)	ok	good	Good	this can also be faired/smoothed subsequent to cure using acetone
Automotive Spot Putty	???	???	???	???	???	???	I've heard its good but I've never tried it on anything but 1:1 cars
White out	excellent	poor	excellent (<30 min)	poor	ok (soft)	ok	best for filling small scratches
Gunze Mr Sufacer 500	excellent	poor	excellent (<30 min)	poor	good	good	best for filling scratches & small voids (see shrinkage)
Milliput Epoxy putty	ok	excellent	poor (over night)	excellent	excellent	good	available in different grades
cyanoacrylate	good	poor	good (< 1 hr) (instantly with kicker)	poor	poor (hard)	excellent	
cyanoacrylate & baby powder	ok	ok	excellent (<15 Min)	excellent	excellent	good	constituants mixed together to form a paste

Chapter Members receive a 10 % discount!!!



Store Hours

Monday	- Closed
Tuesday	- 10:30 - 7:00
Wednesday	- 10:30 - 7:00
Thursday	- 10:30 - 9:00
Friday	- 10:30 - 9:00
Saturday	- 9:00 - 5:00
Sunday	- Occasional, call first

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