

The Assembler



Will-Cook IPMS **5 17**

i Assemblers

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1 Meeting Themes

05-19-17: Go Green! Anything with green; colors, technology, etc

06-16-17: Aurora kits, including reissues

07-21-17: Patriotic paint schemes; Any country, any application.

Location: The Church

Meeting Time: 7:30 PM to 9:30 PM

First Presbyterian Church of Homewood
17929 Gottschalk Ave., Homewood, IL 60430

Cover Image: M106 x 6 by Bob Ford

2 Bill's Banter

Here it is, May already!

It's getting to be crunch time around here for getting our little National project done before the contest deadline. Things going the way they are, I am leery.

Do you work well under pressure? Do you always think there is plenty of time to finish a project only to scurry around at the last minute to get it done? I am finding that a year is not a long time. I am finding that I am not enjoying my hobby as much right now. I've been working on my second model for the National's for awhile now and I can't seem to make headway. The things that I thought might become a problem did, along with a multitude of other things. I can't believe that a kit with so few parts can eat up an incredible amount of time. With time and patience I am working through a vast amount of little things that take an incredible amount of time to fix and re-fix again. I feel like I am on one of those wheels for a guinea pig. I get on and can't get off and go nowhere and it seems. I get nothing to show for it either. I keep plugging the dike with a finger but another leak pops up. Crooked alignment, bad fit of parts, parts that are not even shaped right. Break out the files, sandpaper, super glue, putty or whatever your choice of filler is. Keep reworking parts, paint and plastic into something that resembles the piece of aircraft I need it to be. I wish I knew how to whittle, maybe that would have been faster than building this kit. I have been saying that I HATE this model but you what? I HATE THIS MODEL.

So here it is May and I keep thinking I will have it done for our next meeting (I've been saying that for three months now). I get close to getting something done on it only to find another problem arises.

So this pressure is getting to me already. The extra time I thought I had is slowly being sucked away. All of my enthusiasm is gone for the model and the project. I want it all to go away. I will get this thing finished soon (I hope). It will be done for the National's. Then I can get back to enjoying my favorite hobby.

Everybody else...Go build something. Do it for me.

Wild Bill

3 News

March Raffle Winner:

Ed Wahl won the new 1/32 Revell Me-262B-1/U-1.

Must Build Models 2017:

Max Bryant	1/32 Moebius BSG Colonial Viper (TOS)
Sam Buonadonna	1/35 Italeri PT Boat
Steve Butt	1/48 Monogram North American PBJ
Bob Ford	1/35 DML Scud B
Bill Hunoway	1/32 Revell U-72 Lakota
Don Klein	Moebius Johnny Quest "The Dragonfly"
Ken Kwilinski	Moebius Green Lantern (..and many more)
Ed Mate	1/48 Hasegawa F/A-18E Super Hornet
Jeremy Petersen	Open brick and mortar Hawker Hobbies
Ken Scott	1/72 Sukhoi T-50
Dave Stukel	1/72 Revell C-54D
John Truby	1/25 Revell Corvette Indy 500 Pace Car
Mike Valentine	?
Ed Wahl	1/43 Deagostini Millennium Falcon

IPMS/USA News:

IPMS USA membership dues are: \$30 Adult 1 Yr., \$58 Adult 2 yr., \$86 Adult 3 Yr.

The IPMS/Region 5 web site is:

<http://ipms-gateway.com/Region5coordinator.html>

Any IPMS/USA member who recruits a new member will receive a two journal membership extension up to two full years.

IPMS Gallery Photos: Contact galleries@ipmsusa.org to post photos of your models on the web site.

4 Feature

The Worlds Smallest Model Kits

By Ken Kwilinski

Grab your magnifying glass. I'm about to show you something very small. Now here is something that I'm sure not many people know about. Back in 1959 Revell made two model kits for Hallmark®, now your probably wondering why. Well Hallmark had a "get well" card that they designed that included these two Revell model kits. These two kits measured only 2" inches long. Each kit had just two parts. One model was a Missile and the other was a Jet Plane. No other description was given. Both were boxed measuring 2" x 7/8" x 1/2" inches. Both model boxes were printed with Revell's name and trademark. The back of the boxes had an ad for The Cat In The Hat models that Revell was soon to release at the time. The "Get Well" card also included a small red yo-yo. The Hallmark card on it says; "Get feelin' snappy. Here's tiny toys to make you happy!" Trying to find these cards today is very hard and to find the models is just as hard. You can stop squinting now!



The inside view of the Hallmark® "get well" card from 1959.

5 Modeling notes

Minicraft's 1/144 Boeing 707-320 Intercontinental

By Ed Mate

There sure aren't many parts in airliner kits. I built this model along with my Boeing 777 model. First up was painting the chrome struts and actuator rods with Alclad gloss black followed by chrome paint. These were masked off and the rest of the landing gear, gear doors, and wheels were painted silver. The wheel hubs were masked and the tires painted dark grey. Maybe not a lot of parts, but there sure are a lot of wheels to paint.

The fuselage halves were glued together. Some scrap metal and BBs were epoxied inside to attain the 1/2 oz. specified. The clear windshield area part was glued in place and all of the seams were treated to Mr. Surfacer. There was a distinct double hump shape on the top of the fuselage and over the windshield instead of a nice continuous curve. I used some red filler putty build up the shape where the fuselage and clear part joined. When the putty had dried, everything was sanded smooth. A few areas needed a second treatment, so I went back to Mr. Surfacer and after careful sanding everything was smooth. Along the way, the rest of the fuselage seams were sanded smooth, too.

Seams inside the engine cowls must be dealt with on this kit. I chose to cut the engine pieces at the point where the fan disks attach. I glued the front half parts (and similarly the rear half parts) together and then glued a piece of stretched sprue in the inside seams. Some thickened Mr. Surfacer was smeared over the joints and when dry the insides of the cowls were sanded smooth (easy to type; hard to accomplish). The inside of the cowls were now painted silver and then they were rejoined to the rear parts with the painted fan disks in place. I painted the fan disks with Alclad duraluminum. Now, clean up of my cuts and the kit seams on the outside were addressed - sanding and Mr. Surfacer

were used to get a smooth finish and then the panel lines were restored. The engine pylons were molded as solid pieces so each one had a sink mark in the middle. I filled the sink marks with Mr. Surfacer and sanded them smooth. Engines were joined to the pylons and the seams filled with putty & Mr. Surfacer (putty because there were some big gaps in places). The engines were painted 3 shades of Alclad.



A few ejector pin marks on the inside of the upper wing were filled because they showed up in the main gear "bays". After clean up, the area was painted silver and then the wing halves were joined. Normal seam clean up followed with minimal use of Mr. Surfacer needed. The wing trailing edges are a little thick, but I didn't alter them. The wings were added to the fuselage and the stabilizers were added with the assistance of an angle jig. A little filing was done to help the wing root fairings match the wings a bit better. Major assembly was completed by adding the engines to the wings. The locator pins on the pylons were molded flush with one side and that did not allow the pylons to align with features on the wings so I trimmed the pins so the pylons would attach in the correct positions. A little more Mr. Surfacer was needed to fill gaps between the pylons and the wings. One area that needed more than Mr. Surfacer was where the front of the pylon meets the leading edge of the wing - very large gaps in this location were filled with epoxy-putty.



Painting the model followed with Alclad primer on the lower fuselage. The painted engines were masked with masking tape. The wings and lower fuselage were painted Alclad aluminum. The corrugated areas were painted with a mix of Alclad dull aluminum and magnesium. The rub strips and spoilers were painted "Boeing" gray and a few spots along the leading edges of the wings and stabilizers were painted duraluminum. All of the metal areas were masked off and the top of the fuselage and fin were painted Tamiya white primer. Everything was sealed with Future to prepare for decals.

My markings are from the kit- Pan American Airlines. I cut the white areas off below the cheatline and relied on my masked separation line. The decals performed OK using Micro-set and Micro-sol. My big issue with the decals was the windscreen. I eventually cut all 5 windows for each side apart and positioned them individually to get a better approximation of the windscreen. I found that the black "anti-glare" in front of the windshield now didn't fit right so I filled things in with other black decal and some black paint. I needed a little more blue for under the side windows so I cut some from the cheatlines where the sections would overlap. I did not like the shape of the wing walks and I didn't think they would fit right over some large humps in the wings so I left

them off. The black nose was masked with parafilm and painted. Everything was sealed with another coat of Future.

I did not like the thickness of the main landing gear doors so I fabricated new ones from 0.010" thick plastic sheet. The kit doors for the fuselage openings were used, but the main gear bay doors had large ejector pin marks that will filled and sanded before painting. Each wheel was carefully attached to the trucks using liquid glue when they had a tight fit and 5-minute epoxy for the loose fits. The wheels were done in pairs to keep them aligned properly. The landing gear were attached to the model using 5-minute epoxy. I turned the model over and rested it on the wheels during the final hardening of the epoxy so I could make sure all were touching at the same time. The doors were attached with super glue and the model declared "done".

I really didn't enjoy this build much; I don't think I'll ever build another. However, I think it was good to do something a bit different for a change. Minicraft gets a 5 out of 10 on the Mate-meter on this one.



6 April 2017 Meet Models



1/35 M106 x 6 by Bob Ford



1/72 XB-35 by Bill Hunoway



1/144 B-47 by Dave Stukel