

The **KETCHUP** is NOT Quite **KAUGHT UP**
But it's getting' there...Yes, time for the frequently infrequent
McKinstry Newsletter

APRIL IPMS/ McKinstry 2019

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The Tick

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Frank Ress

McWeb Master

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Page 9-11 Belcher Bits Boeing IM-99 Bomarc 1/72nd Scale by frank Ress

12 members attended the meeting and 2 guests were present. The "TICK" will probably scared them off. They might become new members. We will see if they show up next month.

Present and accounted for were Dan Paulien, Dave Kopielski, Ed Mate, Frank Ress, Brian Gardner, Mike Hanlon, Paul Gasiorowski, Charlie Scardon, The *TICK*, Mark Storer, and Lee Lygiros.

APRIL MEETING

Mark Storer



1/48th Scale Tamiya P-47M Built out of the box
Overall black scheme used by the 61st FS/56th FG.

Markings are for Witold "Lannie" Lanowski and are included in the kit. Lannie had 6 "kills" in WW II; 2 with the Polish AF and 4 in the 61st FS/56th FG.



Paul Gasiorowski



Witold "Lannie" Lanowski



1/72nd Scale Hobby Boss P-47D-30-RE ~ A pre-painted Snap-Tite. Good fit with no gaps. I did use glue for wheel/gear assembly and drop tanks. The pre-painted markings for Big Ass Bird and was assigned to Maj Howard Parks 413th FS/406th FG. Parks plane was plumbed to carry four 5" HVAR rockets and Maj. Parks is noted to have the 1st HVAR kill of a PzKpfw V Panther tank.

Paul Gasiorowski



1/72 Scale Hobby Boss, P-47D Razorback "Easy Assembly kit" The fuselage and wings are a 2 piece assembly consisting of a top half fuselage and wings to mate with a lower fuselage with wing halves! The fit of which, was excellent!

This is also a snap tite type kit. The only parts I glued were drop tanks and engine. Not much of a cockpit, though. I used Model Master acrylics; O.D and Neutral Grey with chromate for the wheel wells. Markings for a P-47D-20-RE named ZOMBIE assigned to Capt. Thomas Bailer, 361st FS/356thFG, 8th A.F. Kit decals went down nicely over a coat of Future



Paul Gasiorowski



1/72nd Scale Hasegawa P-47D Bubbletop. Of the 3 P-47's built, this was the most complex. Not much seam work topside, but the underside required some attention. There were minimal "gap" issues with the wings at wing root area. The cockpit was a bit sparse. I dressed it up a bit with PE seat belts. Engine assembly consists of two rows of cylinders that are completely hidden once encased by the cowling



Paints used were Model Master Acrylics; O.D. Neutral Grey and chromate for the wheel wells. Yellow wing decals must be applied before the underwing pylons. Kit decals used were for P-47D -30-RE #54 "Norma" 65th FS/57th FG, MTO, Flown by Lt Wm. Lyke and Lt Brad Muhl. A personal story for "Norma" can be found here: <https://www.youtube.com/watch?v=AouLKI3YpLk>

Dave Kopielski



1/48th Scale Monogram C-47A Skytrain



Built straight out of the box. Model Master paints O.D and light grey. markings used for this build are a/c 42-100533, 80TCS/436 TCG/9 AF, Melun, France, 1945, 'Honey Bun III'

Dave Kopielski



1/48th Scale Italeri (ex AMT/ERTL) F7F-3 Tigercat



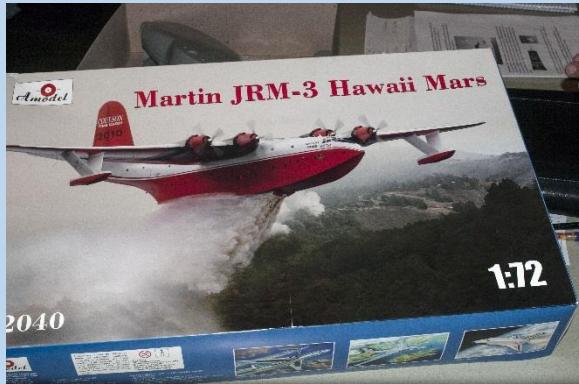
Kit decal markings are for an overall Gloss Blue aircraft, 478/ assigned to NAS Anacosta, Washington, D.C. Paint used was Model Master dark Sea Blue. Used to enhance this Tigercat: Eduard PE for cockpit and engine details. Eduard resin HVAR rockets Mounted on a wood base with Barrels from Tamia kit and resin wheel chocks. The base is detailed with Scene-a-rama accessories.

Charlie Scardon



1/700 Scale Hasegawa Zuiho I scratch built the flight deck because there was a big seam running across it. Efforts to fix the seam were futile so I built a new one from Evergreen N gauge carding and the plastic. Toms model work photo etch. White ensign paint. This also took a second at a National.

Frank Ress



1/72nd Scale MiniCraft Models Martin JRM-3 "Hawaii" Mars I've always liked flying boats and amphis. They just tend to have pretty lines (most of them, anyway - there's a reason that the Grumman J2F is called a "duck"). I've got kits for many of them (Duck, Widgeon, SeaMaster, Mariner, Catalina, among others).

The Martin Mars was the last of the line of the great flying boats. Originally designed as a patrol bomber, 20 were ordered by the US Navy as transports during WWII, but when the war ended only 7 were built (the prototype and 6 production copies) and the rest were cancelled. They were the largest of the Martin

Charlie Scardon



1/700 Scale High Molds Resin French Battleship Richelieu The battleship is the Richelieu was brought in so Lee could see the style of camouflage he will need to do on his USS Guadalcanal. The hard - soft edge USN camouflage is less common. Most dazzle schemes are all hard edges. Kit was built 20 plus years ago. Floquil Marine paints. Won a second at Nationals with it way back when.



line, and they were really obsolete at the time of construction. They were used to ferry cargo for a few years, then were declared surplus. The last 5 were sold to a consortium of timber companies and soldiered on as water bombers for fighting forest fires, primarily in western Canada. The last 2 were finally retired just a few years ago, so they had a long and successful career.

When a 1/72nd kit (my preferred scale) of the Mars became available, I couldn't pass it up. In its final firefighting livery, it's just a gorgeous bird. And BIG, too!

Mike Hanlon



1/48 Tamiya Fi 156 Fesler Storch JG 53 North

Africa 1942

Mike Hanlon



Eagle Cal Decals Gunze Sangyo and Tamiya
paints. Eduard Canopy masks



1/48 Tamiya F-16C Block 50 148 FW Minnesota

Air Guard



Caracal Decals. Have Glass Scheme Tamiya
paints mixed for Have Glass. Didn't achieve
desired results so over sprayed with MRP Paint
Have Glass paint, then Tamiya clear gloss for
final result. Tamiya paints for detail painting
Master Model brass pitot tube

Ed Mate



1/48th Scale Tamiya Republic P-47D-5-RE Thunderbolt 61stFS/56thFG Halesworth, England Oct. 1943 1st Lt. Robert S Johnson 27 confirmed victories.

Lucky has been enhanced using an Eduard Zoom PE set and Obscurico wheels.



Ignition wiring was added to the engine. The

drop tank is from True Details. Model is painted with Testors and Floquil colors. Markings are from AeroMaster, SuperScale & Fundekals decals. The model is weathered with artist oil colors and pastel chalks.

Ed mate



1/48th Scale Tamiya republic P-47D-16-RE Thunderbolt 319th FS/325th FG Celone, Italy March 1944 Lt. Donald P. Kearns – 3 victories.

The Dallas Blonde has been enhanced using an Eduard Zoom PE set and Obscurico wheels.



Ignition wiring was added to the engine.

The model is painted with Model Master and Floquil colors. Markings are painted and decals from Baracudacals and ThundeCals. Weathering is artist oil colors and pastel chalks

Ed Mate



1/48th Scale Tamiya Republic P-47D-28-RA Thunderbolt 353rd FS/354th FG A-98 Roiseres-en-Haye, France December 1944 Capt. Kenneth H. Dahlberg – 14 confirmed victories .



The kit has been enhanced using an Eduard Zoom PE set, Lignition wires added to the engine. The model is painted with Alclad II and Floquil colors. Markings are from SuperScale and ThunderCal Decals. Weathering achieved with artist oil paints and pastel chalks

Ed Mate



1/48th Scale Tamia Republic P-47D-30-RA Thunderbolt 513th FS/406th FG Y-29 Asch, Belgium March 1945 ~ Major Howard Parks

Markings for Big Ass Bird. The model has been enhanced using an Eduard Zoom PE set, Ultracast wheels seat and Obscurico wheels. Ignition wires added to the engine. HVAR rockets are a combination of Eduard and Mk.1 Design.



It is painted with Alclad II and Model Master Colors. Markings are from AeroMaster and ThunderCal decals. The model is weathered with artist oil colors and pastel chalk.

Major Park is credited with sinking a ship in Brest Harbor and being the first in the group to destroy a Pzkfw V Panther tank.

Belcher Bits Boeing IM-99 Bomarc in 1/72nd scale

by Frank Ress



IM-99 BOMARC MISSILE

The Boeing IM-99 Bomarc is an Air Force ground-to-air interceptor missile designed to operate against enemy airborne weapons.

Two models were built—the IM-99A and IM-99B. The A model had a range of 200 miles and used a liquid fuel rocket and twin ramjets, slung on struts beneath the slim cylindrical fuselage. The B model is powered by a solid fuel rocket and advanced ramjets. The IM-99Bs can intercept anywhere from sea level to more than 80,000 feet altitude and have a range of more than 400 miles.

Specifications:

| | |
|---------------------|----------------------------------|
| WING SPAN | 18 feet 2 inches (5.5 m) |
| LENGTH | 45 feet (13.7 m) |
| SPEED | Mach 2.5 |
| RANGE | 400 miles (644 km) |
| CEILING | More than 70,000 feet (21,336 m) |

When I was in grade school, I wrote to the Boeing Corporation. I don't know what I said (or asked for), but I got a really nice picture packet with datasheets for most of the significant Boeing products from the first B&W seaplane through the then-new 747. It included planes, helicopters, hydrofoils, spacecraft, and a number of missiles. One that stuck in my memory over all these years was the IM-99 Bomarc, and I always wanted to build a model of it. I still have that picture packet, though it took some digging to find it again, and the Bomarc sheet is pictured above.

The only styrene kit of the Bomarc that I knew of was the old Revell box-scale kit.

When it was re-issued recently, I picked one up with thoughts of using it as a template for a 1/72 scratch build (my preferred scale). Fortunately, I decided to do a web search first, and found that I could get a 1/72 resin kit from Belcher Bits. In fact, I had my choice of the A or B version, and I could even get the launcher assembly. So I ordered the IM-99A and the launcher kit, and when the seller got back from his European vacation, I got my order in the mail.

The Bomarc kit consists of 14 resin parts, an instruction sheet, and a small sheet of decals (my kit had duplicate decal sheets – I'm assuming the extra decals were just my good fortune). The missile body consists of the body tube, a nose cone,

and a nozzle. The wings are a single part each, and there are 3 tail surfaces. The jet pods are 3 parts each – a body with the pylon to attach the pod to the body tube, an inlet nozzle, and a tail cone.

Since this is a resin kit, I expected something more demanding than an injection-molded version, but overall I was pleased with the quality. There are relatively few voids and molding flaws that need correction, and the overall engineering is impressive for something short-run. There are even very finely molded recessed panel lines to provide some surface interest for the finished model.

There was some warping in the vertical stabilizer, which I easily corrected by submerging the warped section in hot water and gently straightening the part with my fingers until it cooled in the proper shape.

Where cylindrical parts join (tail cone and nosecone to body and tail cones to ramjets), rather than simple butt joints, there are well-fitting lap joints (see picture). I had to clean up the inside corners of one or two of the sockets for a good fit, but once that's done the parts mate snugly.



The nose cone required little work to fill or

shape. In fact, once attached to the body tube, it was only necessary to sand it lightly to smooth the joint between the parts.

The tail cones, on the other hand, required a little more work. All had areas that needed some filling and sanding to achieve an even shape, and to thin out the trailing edges of the nozzles. I decided to center drill each of these and insert the end of a toothpick to make a shaft, then chuck the shaft in my Dremel to spin, shape, and sand each part. I used a combination of hand-held shaping bits, sanding sticks, and sandpaper while spinning the part at a relatively low speed setting on the Dremel.



Unlike the cylindrical parts with their more complicated mating surfaces that insured proper alignment, the wings and control surfaces lacked much guidance for placement on the missile body. There's a small dimple on either side of the spine to guide the placement of the wing. There was a corresponding dimple on each

wing, and the instructions suggested drilling each part to allow placement of a short length of rod to aid in wing attachment. The instructions also note that the dimples on the body are 5mm too far forward, which is something of an advantage, since their value as a point of reference won't be disturbed when drilling through the body to insert the rod.



Since the wings and horizontal tail surfaces are mounted in line with one another, the wing mounting mark should be used to guide placement of the horizontal stabilizers, too. I chose to locate and drill to insert similar rods for attachment of all tail control surfaces, as well. See pictures below that display the attachment of these parts.

(End of review, part 1)

