



# Butch O'Hare



## IPMS / USA

### The Monthly Resinator



The Official Newsletter of *IPMS Butch O'Hare* Scale Modelers

August 2016



Story and pics by Kevin Stover

## Endeavour into the Unknown at California Science Center in LA

Yeah, I was a little upset that California Science Center got the last space shuttle, Endeavour (OV-105), to display in its museum. I still say Chicago's glass-enclosed lakefront display would have been a much better location, but since the shuttles were built in California, it seems logical to have a permanent display there too.

The Endeavour display construction was ongoing when I was last there and should be completed now, although I think Florida's Kennedy Space Center has a much more impressive display with the space shuttle Atlantis (OV-104) on tilt.

The CSC isn't located on the most picturesque site near downtown Los Angeles, but it contains some cool stuff. However, I do not consider this place a serious museum for either aviation or space travel. It's more

watered down and scripted for the general public (i.e., local schoolchildren).

Still, the CSC does have its perks. For instance, displayed on a trailhead is the only A-12 trainer (Blackbird) ever made, depicted in its solid titanium, unpainted finish. You can walk under and around this bird while touching its skin wherever you want. There are benches underneath, and it's a great sun shade. Not a bad return on your tax dollar.

The second coolest thing to see is a retired United Airlines Douglas DC-8 in cruise mode, 15 feet off the ground. Wow, I might have taken this plane to LA or Hawaii in the late '60s!

I was also glad to find one of the three surviving F-20 Tigersharks hanging in the main atrium here rather than turned into beer cans. That plane, along with the Endeavour, A-12 and DC-8, make the CSC worth a visit.

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### Important Stuff:

**Next Club Meeting**  
**at St. Paul's**  
**Church on Friday,**  
**August 12, 2016**  
**7:30 pm**

**Demonstration:**  
**The "Glue Looper"**

**Special Theme:**  
**"Nose Art"**



The Endeavor still under construction, but viewable



The A-12 trainer, unpainted! Gets a silver for the bent pitot tube.



Good use of a Starfighter!



15 feet at 600 mph!



CHP let me go...



At least one F-20 found a home.



The weather on our meeting night was a little on the warm side, but we still had a pretty good turnout. Unfortunately, President Frank was ill and Vice President John had to be out of town, so we had a somewhat abbreviated meeting. Hector took over and said that we had received confirmation on our contest date and some vendor table payments had already come in, plus some reservations.

Kevin S. said the new Dropbox program is working out better for the distribution of our newsletter. Also, he has been receiving a lot more mail than usual, thanks to Fred Horkey, long-time IPMS notable, sending our newsletter all over the place. Fifteen new people have been looking at it. Kevin also complimented the Glue Looper people on how well their new design works. He really likes it!

We had a pretty good show and tell collection, and here are some of the highlights: Don Grajek showed some of the "dazzle" pattern carriers, and I think one of them was the Wolverine, a boat with a big roller near the center that they remade into a carrier used in Chicago for training Navy pilots. Coincidentally, Ron Carlson Jr. had a new kit of that very ship that just came out.

Tom Nelson showed two Navy planes--Devastators, I think--and they were both in chrome yellow. He says always prime with white before putting on the yellow! However, Tom said that the chrome yellow color was not an official Navy color. I wonder if this could be a similar situation to the roundels with the big red dot in the center that we later discovered the enemy pilots were using for aiming their guns. Tom also recommends Tamiya #TF-17 paint (Satbas11? That's what my note says! I better check that out with Tom.) and Perfect Plastic Putty, which is available from Amazon.

Dick Beemer brought in a Flapjack--no, not the kind you eat! However, Dick said there was a delicate assembly, just inside the front of it, that did get eaten when it was accidentally dropped. The kit monster strikes again!

Our longtime member Ron Getz was building a boat, after having done a number of aircraft on com-mission. Many of our newer members don't know his work, but he has placed at the IPMS Nationals and has a great-looking panel line wash process. Hopefully, he can show it again sometime.

Carl K. told us about the U.S. armed services now requiring licenses for model kits that have decals with names on them like "U.S. ARMY," "USN," "USAF," and even "U.S. Coast Guard"! Minicraft was not happy when one of their USCG incoming model boxes was confiscated by you-know-who. Carl did show an F-80, accompanied by a separate wing tank with a color scheme that could have had a coupon for a Big Mac with it. He also had an RF-101 in Vietnam markings and an F-4E in ADC markings.

Marco F. had a T-33 (Trumpeter, a latter -ay F-80), but he said he liked the older HobbyCraft a little better.

Lastly, Dan C. brought in his 1948 boat--slowly but Shirley, but I don't think that's her real name.

Well, as he says at the end, "THAT'S ALL FOLKS."

# C r i t i c a l A n a l y s i s

By Ron Thorne

Takom's 1:35 WWI kits are a godsend to armor modelers, along with Meng WWI kits. Armor builders have had to suffer with Emhar kits since the early '80s. Thirty-six years and massive molding technology advances later, a WWI centennial helped encourage new kits to the market. Thank you, model gods.

Takom Mk.IV Tadpole has 522 parts; most of those include the tracks (117 per side) and 60 bogie wheels of two different types, flanged and unflanged. More on that later...

To start the kit, you need to assemble the main hull. Repeat after me:

"Rhomboid shapes--the British love them." The hull consists of five parts. You need a flat level surface to ensure that the tank sandwich you're about to make fits correctly.



Now to make the guns--two 6-pounders, 3 mg. The guns are the best detailed parts of the model, but seeing that there's no interior, no one will ever see them unless you're inclined to scratch build one. The 6-pounders consist of 13 parts. The MGs--just 3--are by far the easiest part of the kit.

Now comes the part of the kit that gave me the most trouble, the outer gun sponsons. If you follow the kit instructions, they have you assemble the gun sponsons separately and then add them to the outer sponsons. Don't do it! Damn instructions! Silly me... I followed the instructions, which caused the upper plate of the gun sponsons to not quite fit correctly. In this case I was content with the result. I build for fun, and there are more models to build. The next one that I build, I will take a different approach. I'll glue the gun sponsons plates first, and then insert the guns from the back.



Now on to my tank sandwich. Once you have the hull together, you have to assemble the sponsons, both left and right inner and outer left and right outer. Here's where the 60 bogie wheels come into play, along with track returns along the top and bottom of the sponsons. Once they are attached to the inner sponsons left and right, you start to add the bogie wheels. One must be careful here as there are A bogies and B bogies. They are not a simple A,B repeat order but more like A,B AAB, BAB AA, etc.--you get the idea.

So now for the hard part: The outer sponsons are attached at this point. The easiest way is to glue the bogies to the inner sponsons, and then glue the outer sponson to the inner sponsons. Then use your tweezers to line and fit into the holes with the outer. Now you have two sponsons built.



Now all the sponsons that are attached to the main hull are complete. Clamps are a must to insure a positive fit. It's beginning to look like a tank. I then added a crossmember to the rear of the tank to which the mortar will sit.

This next step is where airplane modelers look at armor modelers with a glazed look in their eyes: tracks and lots of them--in fact, 117 per side on this kit. The track parts each had a single knockout mark to sand off two swipes with a flexi file and all gone. Just sand and repeat 234 times. No sweat. The tracks just snap together. Onto the tank they go. Now my tank can move. This is about the time Little Ronbo Damit gets on the floor and plays with the little green army men and his tank and starts to blow up things. Sorry-- flashback to 10-year-old Ronbo. I miss that guy.

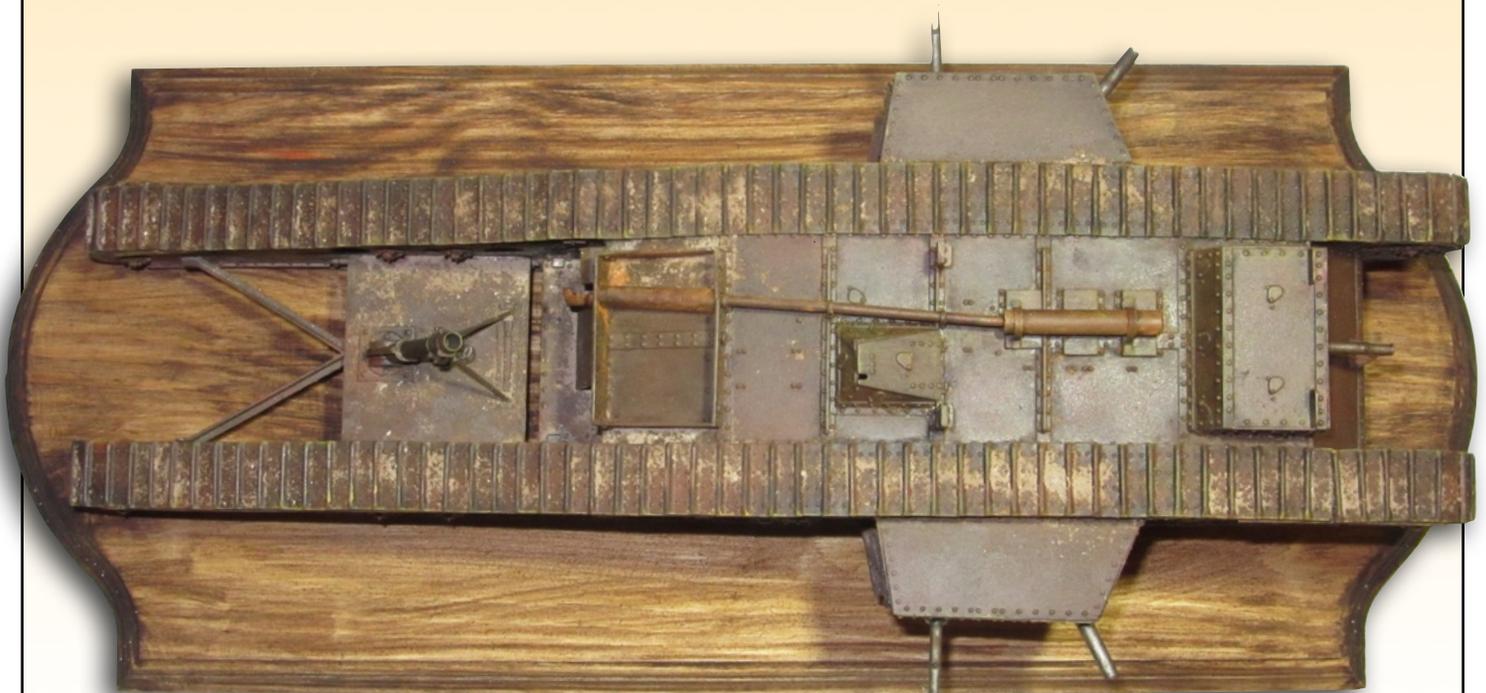
Now onto painting and finishing. All my armor starts out with a flat black finish. I used Mig acrylic paints and the color callouts in the instructions. They produce sets for British armor and a set for tracks and tires. I recommend them. They work quite well as long as you airbrush them. I haven't tried to brush with them yet (future article?). I opted for what they call Moss Green for the main body of the tank. I then sprayed the tracks with Dark Track color. When dry they looked the part. The paint as is has the consistency of milk, so I added four drops of deionized water to one full airbrush cup. I shot the paint at 15psi. Warning: Using this setup, the paint looks horrible. To paraphrase the Talking Heads, "My God! What have I done?" Just step away. In a half hour, the paint smooths out and looks just fine. It takes 24 hours for the paint to fully cure. (Your mileage may vary.) Then I handpainted the guns and cannons using their Gun Metal color. It was OK but too bright for my tastes. More on that later...

Now that I have this semi-gloss finish, I could just flat coat and call it complete. The Mk.IV Tadpole wasn't produced in large numbers, so keeping clean would be quite acceptable. Light weathering would be fine. This is just one of those times that a modeler looks at a kit and decides what he wants this model to look like. The model as completed looked just fine but really plain sterile. Tanks are the pigs in the military rooting around in anything on the Earth, and I mean anything. I now made my choice. Though they were never used in wartime service, I depicted my Tadpole if it had served on the front lines.

Out come the Winsor & Newton oils, some Mig pigments and some oil washes. I used some browns and some reds to change from green to a rusty brown finish. Hey, my tank looks used. I streaked some of those colors from top to bottom to add some contrast, paying attention to bolt lines and any openings. Oils and turpentine--got to love the smell. Now I used some Mig wetting agent on parts of the model where dirt and grime would accumulate. In this instance, I used Middle Eastern Sand from Mig. Just pour it on and let it sit until dry. About an hour later, shake gently and you will have pigments where you want. Take the excess, put it back into the container, and then spray your flat coat. You are now finished weathering.

So there you have a real what-if model tank. The Mk.IV Tadpole from Takom was a very enjoyable experience. It has problems, mostly modeler induced. The instructions could be clearer, but I'm not sure if it's them or me. I will build more, that's for sure.

Ronbo Damit



# The Display Table



**Right:** This Great Wall Hobby T-33 in 1:48 is a nice '50s-style jet. Thanks, Marco.



**Below:** Don's 1:700 USS Belleau Wood by Dragon is best photo'ed on its starboard side.



**Right:** Marco strikes again with this Hobbycraft 1:48 T-33. Sharp green!





# WARD'S WORKSHOP

These are important construction aids I use whenever I build a model, be it a fun simple one or a scratch-built consignment. Below in the bench picture is a bright blue sponge rubber pad cut from a large garage-sale yoga exercise mat. ALL assembly and sprue cutting occurs here! Nothing gets scratched up and small parts stay in place, not wandering off as they like to do on a smooth hard surface. In a rear shelf unit are wooden craft sticks, sandwich picks, coffee stirs and round toothpicks--all very handy items for paint stirring and glueing, and as handles to hold parts for painting. Jars and bottled liquids have wide-bottom bases and are clearly labeled. Some have heavy wide bases "gooped" on to minimize tip-overs.



In the center is a wood block with a red vinyl cup and a tube of assorted sewing needles with eyes half ground off for ACC application. The red cups fit snugly in a 3/8" hole drilled into the wood block and hold a few drops of Super Glue gel (ACC). When work session is over, a cotton swab cleans out the cup quite well. Eventually the cup will need replacing; just pop it out and replace it. These cups are called Vinyl Push-In Plug 3/8" 9343K52 and are

approximately \$3 per hundred at McMaster Carr, Elmhurst. A butane torch (27439 \$13.95 at sciplus.com) is used to instantly burn hardened Super Glue from the sewing needle applicator; a quick dip in my water jar and right back to work!



I use the \$3 garage sale hair dryer to speed up the drying of acrylic paint, harden epoxy, remove warps from plastic or resin, and help set difficult decals. Standing up in several containers are sanding "twigs," fingernail sanding boards, paint brushes, scrapers, scribes and chisel bladed knives. The MEK plastic cement jar and brush retainer are glued to a wide base to prevent spilling (happened once, before it was on a base--do not ever want a repeat!).

There's a 1/4" plate glass with sanded edges (picked from a trash can at a garage sale--broken corner, perfect spot for my water jar). It's great for cutting strips and shapes from masking and plastic tapes, also taking off just the right amount of adhesive for safe removal after painting on a model. It is also necessary for alignments on my models. Lay a quarter sheet of sandpaper, grit side up, for a perfectly flat sanding surface.

The other picture is of what is most likely the only Butch O'Hare workshop with a bullet hole! My dad (T/Sgt WWII Combat Engineers on Okinawa) and his brother (WWII U.S. Coast Guard, buoy tender frigate, Aleutians) were clearing a jammed .38 automatic with the result seen here, ricocheting off a sharpening stone and continuing through the cabinet back panel. (Do they have weapons training in the Coast Guard?)

Keith Ward

# UNDER CONSTRUCTION



## *Star Wars TIE Fighter vs. X-wing Club Build*



**IPMS/USA** membership qualifies you to participate in **IPMS/USA** sanctioned contests, particularly our world-famous **National Convention**, held each summer. As a member, you'll also be able to access our online discussion board, where a wide variety of modeling topics are discussed, and enjoy interaction with other serious modelers for help with questions about modeling techniques or IPMS in general. Many hobby shops and model vendors around the country offer discounts to **IPMS/USA** members.

*Memberships are available in several types:*

**Junior:** 17 years or younger, \$17 per year; **Adult:** \$30 for 1 year; \$58 for 2 years; \$86 for 3 years

**Family:** \$35 Adult membership 1-Year plus \$5 (One Set of Journals) Multiple Cards;

**Canada or Mexico:** \$35 per year; **Foreign:** \$38 per year (Journal via regular mail)

**Payment Information:** Check, Money Order, CreditCard (MC / Visa / Disc)

*Applications using payment via check or money order should be printed and mailed to:*

*Downloadable IPMS/USA Application Form.* (in PDF, 100KB).



**IPMS/USA, P.O. Box 2475 North Canton, OH 44720-0475**



## Local Hobby Shops

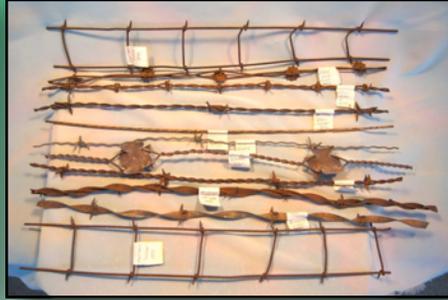


- **Chicagoland Hobby**.....6017 N NW Hwy, Chicago, IL, 773-775-4848  
<http://www.yellowpages.com/chicago-il/mip/chicagoland-hobby-inc-23073935>
- **Forever Timeless**.....4438 W. Belmont Ave., Chicago, IL, 773-545-6959  
<http://www.city-data.com/businesses/218387017-forever-timeless-hobby-shop-chicago-il.html>
- **Des Plaines Hobbies**.....1524 Lee St., Des Plaines, IL, 847-297-2118  
<http://www.desplaineshobbies.com/store/>
- **America's Best Hobby**.....865 Maplewood, Itasca, IL, 630-467-1102  
<http://www.americasbesttrain.com/>
- **La Grange Hobby**..... 25 S. La Grange Road, La Grange, IL, 708-354-1220  
<http://www.yelp.com/biz/lagrange-hobby-cntr-la-grange>
- **Ron's Mundelein Hobbies**..... 431 N. Lake St., Mundelein, IL, 847-949-8680  
<http://local.yahoo.com/info-17171034-ron-s-mundelein-hobbies-mundelein>
- **M & Models**.....9329 S Cicero Ave., Oak Lawn, IL, 708-423-7202  
<http://www.mmodelstore.com>
- **Hobby Town Hobbies**.....15551 S. 94th Ave., Orland Park, IL, 708-349-8697  
[store@hobbytownorland.com](mailto:store@hobbytownorland.com)
- **Panther Hobby Supply**.....8041 S. 13th St., Oak Creek, WI, 414-762-3777  
<http://www.pantherhobbysupply.com/>
- **Walt's Hobby and Model Shop**.....2207 Plainfield Rd, Crest Hill, IL 60403  
<http://www.waltshobbyonline.com/>
- **Berwyn's Toys & Trains**.....7025 Ogden Ave., Berwyn, IL, 708-484-4384  
[berwynstoytrains@comcast.net](mailto:berwynstoytrains@comcast.net)

# THIS MONTH IN MILITARY HISTORY

August 2, 1887: Rowell Hodge patents barbed wire.

(TDMH)



August 31, 1961: A concrete wall replaces the barbed wire fence that separates East and West Germany--it becomes known as the Berlin Wall.

(TDMH)



## UPCOMING EVENTS

August 27, 2016 (all day)

### Model Fest 2016

Liberty Christian Fellowship  
1815 W. Liberty Drive  
Liberty, MO 64068  
[redgriffins38@yahoo.com](mailto:redgriffins38@yahoo.com)

September 17, 2016

### Plastic on the Prairie

Holiday Inn

3803 13th Ave. S

Fargo, ND 58103

[IPMS/Red River Scale Modelers](http://IPMS/Red River Scale Modelers)

September 10, 2016 - 9 am

IPMS-Gateway Contest and Swap Meet

Holiday Inn-Route 66

10709 Watson Road

St. Louis, MO 63127

Doug Barton [peddocdoug@gmail.com](mailto:peddocdoug@gmail.com)

October 15, 2016 (all day)

### GLUE CREW 2016

Quality Inn

2901 Hummingbird Road

Wausau, WI 54401

Joe Drew [jdrew09@charter.net](mailto:jdrew09@charter.net)

September 17, 2016

### IPMS Prison City Modelers Annual Show

The Heritage Center

109 Delaware St.

Leavenworth, KS 66048

Mark Gerges [mgerges@kc.rr.com](mailto:mgerges@kc.rr.com)

October 1-2, 2016

### 2016 Black Hills Model Engineering Show

Central States Fair Grounds - Fine Arts Bldg

800 San Francisco St.

Rapid City, SD 57703

Don Mitchell [dmitch@rushmore.com](mailto:dmitch@rushmore.com)

# The Display Table



**Right:** Here's one more look at Marco's T-33. Nice flaps!



**Left:** Carl's 1:72 F-4E by ESCI is done in a nice gray scheme you don't see that often.



**Above:** Carl's 1:72 RF-101 Voodoo by Hasegawa has an unfamiliar lizard scheme. Nice!



# FROM THE OVAL OFFICE



Members,

Hope all is well during these warm days of summer and that you are finding some time to do some modeling! I find it is a lot cooler in my workshop in the basement, and I tend to hide out there instead of doing my yard work...

Anyways, summer is a good time to get out, explore and visit hobby stores that we haven't been to before. I have visited two stores recently that haven't been on the radar screen. The first was in Dyer, Ind. Not too bad of a ride, and it was worth the trip. The store is called Park Lane Hobbies, located at 1080 Joliet (Route 30) in the Sand Ridge Plaza (219-322-1123). It has a great selection of tools, paints, kits and railroad items. The second store was Hobby Town in Orland Park, located at 15551 South 94th Ave. (708-349-8697). This Hobby Town is a very nice store with a large selection of paints, tools, kits (especially sci-fi), RC and trains. I met the owner, Steve Noel, and invited him to our meetings. He wants to participate in our annual show and wants to promote our show in a big way. Take the time if you are out and about to visit these stores and tell them you are from the Butch O'Hare IPMS group. This makes for good relations...

This month's meeting will feature a "Spotlight On" program with the owners of the tool called The Glue Looper. If you haven't seen this tool or tried it, I think that those of you who use any type of Super Glue will find it very useful. Also, we will be working on our club kits, having our kit giveaway for those who have brought in show and tell, and of course, our usual show and tell stuff.

It will be a busy night! Hope to see you there!



Photo by Kevin Stover

A glimpse of the new Hanger 4 at the National Museum of the United States Air Force in Dayton, Ohio

# The Display Table



**Right:** Dick's "Flying Pancake" V-173 in 1:48, by Sward probably didn't take long to get into the air. It's also known as the "Flapjack" (XF5U).



**Right:** Don finishes off with the Hasegawa 1:72 TBM-1C Avenger of CVL-24.



# Constructing a Senior 'Footy'

By Dan Cicero

When I received the September/October issue of *Ships in Scale*, I decided I needed to build the model shown on the cover, a radio-controlled sailboat known as a "footy." The name comes from the length of the boat. A footy-class boat must be capable of fitting into an open-topped rectangle 1 foot long, 1 foot deep and 6 inches wide. I'm building a model of a yacht design published in *Yachting Monthly* in 1948 called the Senior.

Over the centuries, boat builders, naval architects and designers have perfected a way to represent a complex, three-dimensional object like a ship on a two-dimensional piece of paper using three diagrams: the Sheer Plan, the Half-Breadth Plan and the Body Plan. You use all three when you're building a model boat.

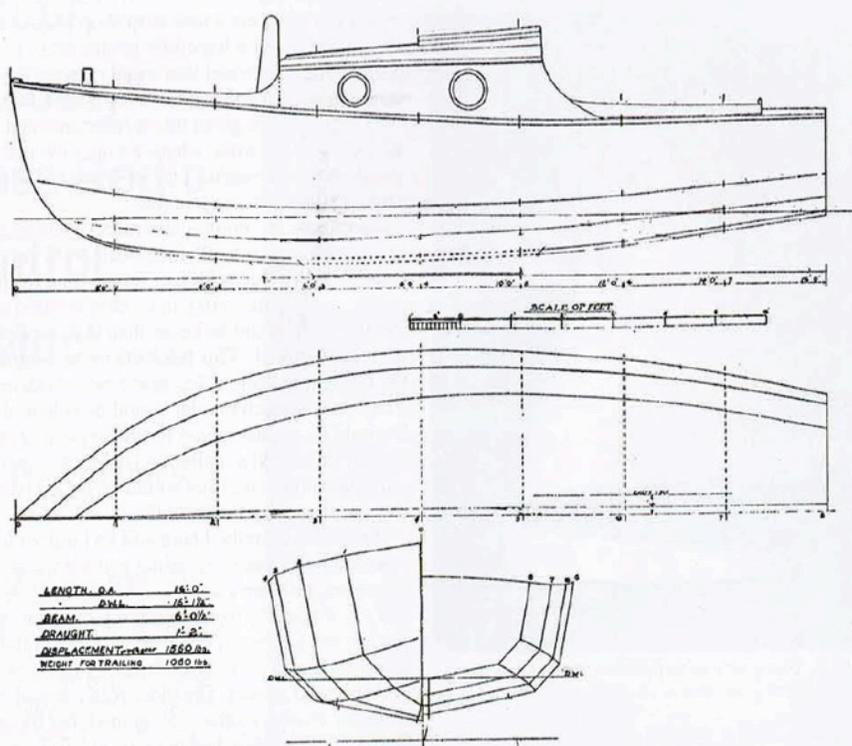
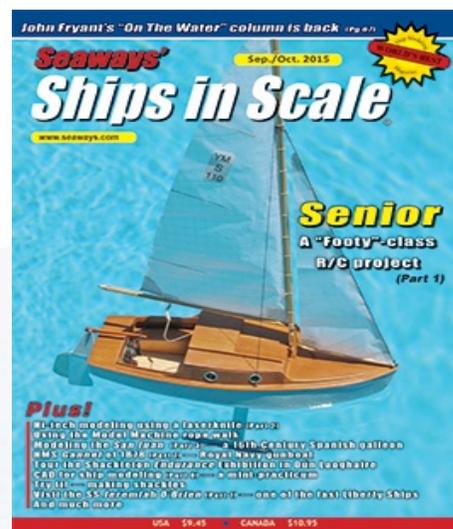


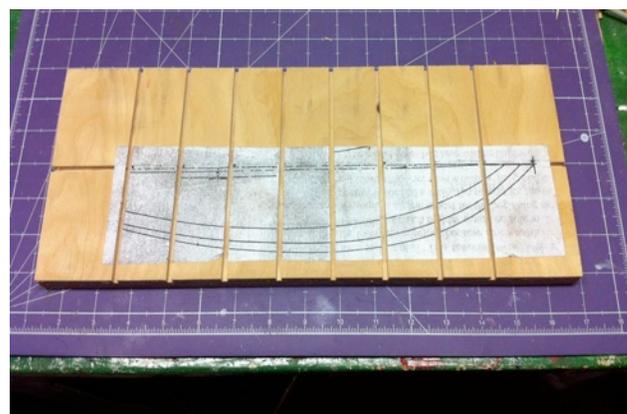
Figure 1. Lines plans for *Yachting Monthly's* boat Senior.

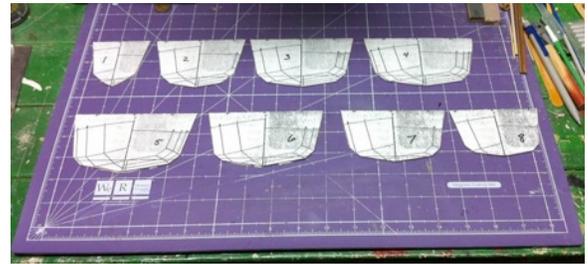
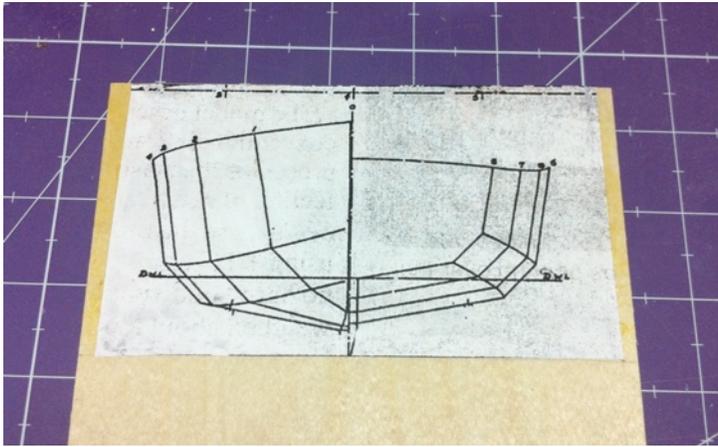
This is a scratch-built model, so you essentially start with nothing. To keep everything aligned, plumb, flush, true, straight and level requires a stable building board. I used a piece of  $\frac{3}{4}$ " plywood cut to roughly the right size on my table saw. Then I cut a dado (otherwise known as a groove) down the center of the board. This will be the centerline of the boat. I glued a copy of the Half-Breadth Plan on the building

board with the centerline of the plan aligned with the groove.

Looking at the Half-Breadth Plan, you'll see some lines perpendicular to the centerline. Those are Station Lines (sometimes called Section Lines), and they define the shape of the hull at those points. I cut slots in the building board at those points, again using my table saw.

I made a bunch of copies of the Body Plan and folded them in half along the centerline. Then I cut out each



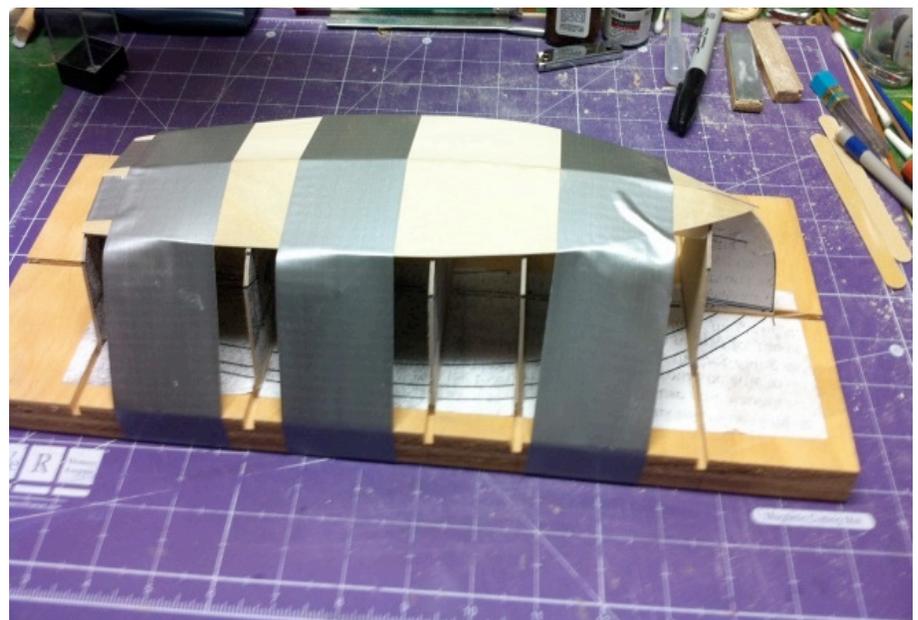
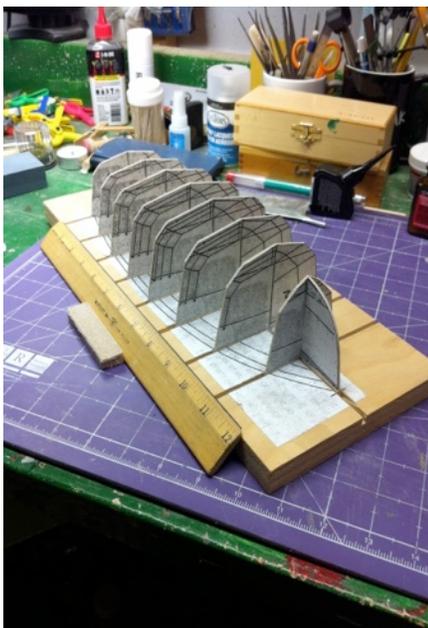


section of the hull, unfolded the paper templates and glued them to 1/16" plywood. I cut them out with my scroll saw and sanded them with my belt sander to final size.

When you're looking at the Body Plan, note that you're looking aft (from bow to stern) and forward (stern to bow) simultaneously. The lines on the left side of the drawing show the stations from bow to stern, and the lines on the right side show the stations from stern to bow. They're numbered to keep them in order. Since the blade on my table saw has a 1/8" kerf, I had to shim the templates with strips of 1/32" plywood to make them fit. I lined them up with the centerline and glued them in place.

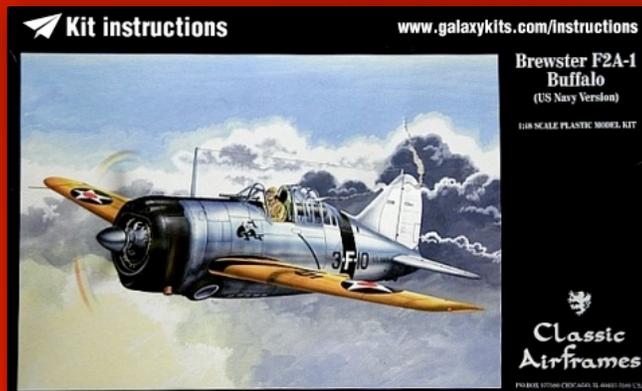
So where does the Sheer Plan come in? The stern of the boat is defined by the last section, but the bow--the pointy end!--is defined by the Sheer Plan. Just as I did with the sections, I cut out the bow on the plans, from the first frame forward, glued it to plywood and fit it up against the first frame. Here's what the whole assembly looks like. You can see that it looks just like a boat hull, upside down.

Now it's time to plank the hull. I've started, using 1/32" model airplane plywood. Here's what I have to date. The bottom of the boat is held in place with duct tape until the glue dries. The finished plywood hull will be coated with epoxy resin and fiberglass to make it strong and waterproof. More on that in future articles!



# New Kits...and stuff

Thanks to those who brought in these new releases for us to see.



F/A-18D Hornet  
Bengals Fujimi 72015

# Officers Club

**President:** Frank Ciccarella

773-358-8346

[fciccarell@aol.com](mailto:fciccarell@aol.com)



**Vice-President:** John Novak

708-783-1160

[j.novak@comcast.net](mailto:j.novak@comcast.net)



**Secretary:** Don Smith

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[mustangp51c@netzero.net](mailto:mustangp51c@netzero.net)



**Treasurer:** Hector Colon

630-809-9072

[hdcolon@yahoo.com](mailto:hdcolon@yahoo.com)



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**Club Store**

[www.butchohare.qbstores.com](http://www.butchohare.qbstores.com)

**Club Questions**

[butchohare@hotmail.com](mailto:butchohare@hotmail.com)

## Upcoming Schedule 2016

Date	Theme	Demo/guest
January 8	*****	*****
February 12	*****	*****
March 11	*****	*****
April 8	*****	*****
May 13	*****	*****
June 10	*****	*****
July 8	*****	*****
August 12	<b>Nose Art</b>	<b>The Glue Looper</b>
September 9	<b>Anything French</b>	<b>Build 1st Night</b>
October 14	<b>Sand</b>	<b>BO'H Gear</b>
November 11	<b>Targets</b>	<b>Contest</b>
December 9	<b>USS Anything</b>	<b>Xmas Party</b>

## WE NEED YOUR HELP



**Contribute to Butch O'Hare Today!**

All meetings are held on the second Friday of the month at:

**St. Paul's United Church of Christ  
5739 Dunham Rd., Downers Grove, IL**

Editorial Chief of The *Monthly Resinator* is Elizabeth Brewster