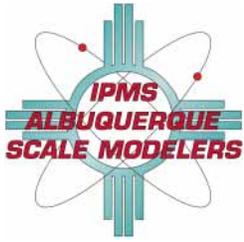


# ALBUQUERQUE SCALE MODELERS



<https://abqscalemodelers.com>

October 2021

## THE PRESIDENT SPEAKS JOHN TATE

Well, it's been two years since our last one, but it's election time again.

All elected E-Board positions are open for nomination at our October 1 meeting, with election to be held at our November 5 meeting (or at our October meeting, if nominees are unopposed). At a minimum, there is an open

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September Meeting highlights, top to bottom: Our guest speaker, Col. Chace, shows off his presentation piece of the Betty bomber that was the subject of his talk (photo by Mike Blohm, model by John Tate); Nationals award winners on display, and the business meeting in progress



pro-tem spot that will have to be filled by the membership.

If a member is interested in standing for an E-Board position, please review the bylaws to determine if candidacy qualifications are met, then volunteer at the meeting for nomination. Everyone with an interest in serving the club is encouraged to participate.

I want to keep member participation in the club as democratic as possible, so at our September E-Board meeting I proposed a bylaw amendment, which was subsequently passed by voting members of the Board, that club members are limited to one voting or non-voting Board position per term, which will prohibit Board members from accruing more than one position on the Board. This will ensure more openings on the Board for club members who wish to participate.

If a member would like more information on the practical duties of a particular E-Board position, any of us on the Board will be happy to fill them in.

In addition to club election nomination night, we also have a Special Contest on the schedule for October 1, Hawker Hurricanes, dedicated to that redoubtable WWII RAF fighter which is given large credit for stopping the Luftwaffe during the Battle of Britain and then going on to serve in every theatre until the end of WWII.

At our November 5 meeting, we will have a special guest speaker, Kathy Myer, a docent aboard the USS Iowa battleship museum at the Port of Los Angeles (San Pedro), California, who will give a talk on the USS Iowa (BB-61). If you have an Iowa-class battleship model in the works, that would be good meeting to show off your efforts. The November meeting will also have a points contest, "Day of Infamy," covering the Pearl Harbor attack.

Looking forward to our October meeting and hoping as many of our members will be there as possible. Just a reminder though, masks are still required per UNM and state directives.

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## IN THE BONUS PAGES!

In this month's **Bonus Pages**:

- Photos of September's contest winners
- Information on the election process
- A garage model by Ken Piniak
- An extensive report on a Gemini build by Mark Vaughn
- And more!



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## CONTACT INFO

President:  
Vice President:  
Secretary/Treasurer:  
Contest Director:  
Members Pro-Tem:

Webmaster:  
Newsletter Editor:

John Tate  
Dave Epstein  
Frank Randall  
Ken Liotta  
David Epstein  
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ASM members are encouraged to submit articles, reviews and other items as appropriate. Contact editor Joe Walters for details and specs. **Submission deadline for each issue is now ten days prior to the next meeting (that's a Tuesday). Items I receive by Tuesday night will be in the newsletter, and items received after that will be in the following issue.**

# BONUS PAGES!

## SEPTEMBER CONTEST WINNERS

Best of Show winners from September's "Pandemic Virtual Model Contests" Contest. This page, top to bottom: Snoopy, by AJ Tate (Juniors), and MK II Bradley, by Jacob Stone (Basic).





# BONUS PAGES!

## 2022 ASM E-BOARD ELECTION

### MIKE BLOHM

The October 1 meeting is the annual “ASM E-Board Nominations meeting” and all members are encouraged to think about becoming a member of E-Board for 2022.

The information below on the E-board election process and E-board positions are extracts from the ASM Bylaws, dated May 14, 2021.

#### **Qualifications for Executive Board Positions**

In order for an ASM member to be considered for election to an Executive Board office or appointed to a position they must meet the following criteria:

- a. Have been a member of ASM for no less than 1 year.
- b. Be a current adult member in good standing with ASM.
- c. Must commit to and make themselves available to:
  1. Participate in the majority of E-Board activities, of no less than three-quarters of the year’s Board meetings.
  2. Attend no less than three-quarters of the year’s general club meetings
  3. Be responsive to E-Board communications via email or telecommunications.
- d. Must commit to and will be expected to uphold the results of collective Board decisions/votes.
- e. Some E-Board positions (President and Chapter Contact) require the holder to be a member in good standing of IPMS/USA if ASM is affiliated with IPMS/USA.

#### **Nomination Process**

Candidates for ASM Executive Board officers shall be nominated by any ASM adult member by nominations from the floor in the annual nomination meeting.

The annual nomination meeting shall be the October ASM meeting.

#### **Election Process**

#### **Eligibility to vote**

In order to qualify to vote in an ASM election, a member (or representative of a family membership):

- a. Must be a member in good standing at the time of the election;
- b. Must have dues fully paid up and current at the time of the election;
- c. And must have attended at least three meetings *prior* to the election meeting during the past 12 months preceding the election.

#### **Election of officers**

Officers shall be elected by ASM membership at the meeting following the Nomination Meeting and should occur in November.

A family membership has only one vote.

In the case of an uncontested election, the election may be conducted by voice vote or show of hands

by ASM membership present at the Election Meeting.

In the case of a contested election, voting will be conducted by written ballot.

Ballots may be submitted to the current ASM Secretary/Treasurer by mail or in person, prior to the Election Meeting, or at the Election Meeting prior to the cutoff time previously announced.

Ballots shall be tallied by at least two current Executive Board members and the newly elected Executive Board officers shall be announced at that Election Meeting.

The new Executive Board officers shall be determined by a majority vote. In case of a tie, the winner shall be decided by the flip of a coin.

### **How we will do the November Election:**

Come up, be checked for current membership and attendance, be given ballot with a number on it, vote, put the ballot in ballot box.

**Descriptions of the major duties** of the E-Board positions are listed below. More details can be found in the ASM Bylaws, posted on the *ASM Website*.

Please give any of the current E-Board members a call if you have questions on what the duties entail or if you want to talk about how much time it takes, expectations, etc.

**President.** The President shall preside over Executive Board meetings as well as all ASM general meetings and call all meetings to order. After counseling with Executive Board members and having been given input from the general membership, determine the calendar of general meetings and events to take place including contests, clinics, lectures, etc., if any, that will be presented at each meeting. The President shall be responsible for overseeing the maintenance of a balanced budget of ASM funds and reporting, at least quarterly, the status of ASM funds to the general membership.

**Vice-President.** In the absence of the ASM President the Vice-President shall preside over Executive Board meetings as well as all ASM general meetings and call all meetings to order. The ASM Vice-President shall advise ASM President in determining the yearly calendar of general meetings and events to take place including contests, clinics, lectures, etc., if any, which will be presented at each meeting. The ASM Vice-President shall act as Public Relations officer of ASM and is responsible for public affairs in the community.

**Contest Chairman.** The Contest Chairman shall organize and oversee all contests sponsored by ASM and act as Head Judge; and shall determine and publish contest judging criteria, modeler classification, and categories to be used for the year, with the approval of Executive Board officers. The Contest Chairman shall provide the points break-down of each ASM points contest in time for publication in the following month's newsletter and shall provide them to the newsletter editor and webmaster/website administrator accordingly.

**Secretary/Treasurer.** The ASM Secretary/Treasurer shall keep minutes of the Executive Board meetings and official business portions of ASM general meetings. The Secretary will also maintain an annually updated list of names and addresses of all ASM members. The ASM Secretary/Treasurer shall handle all correspondence to ASM general membership including notification of meeting place and times or any

change thereto. The ASM Secretary/Treasurer shall keep an account of revenues and expenses and present to the ASM President a monthly account of ASM funds and a quarterly report to the ASM general membership.

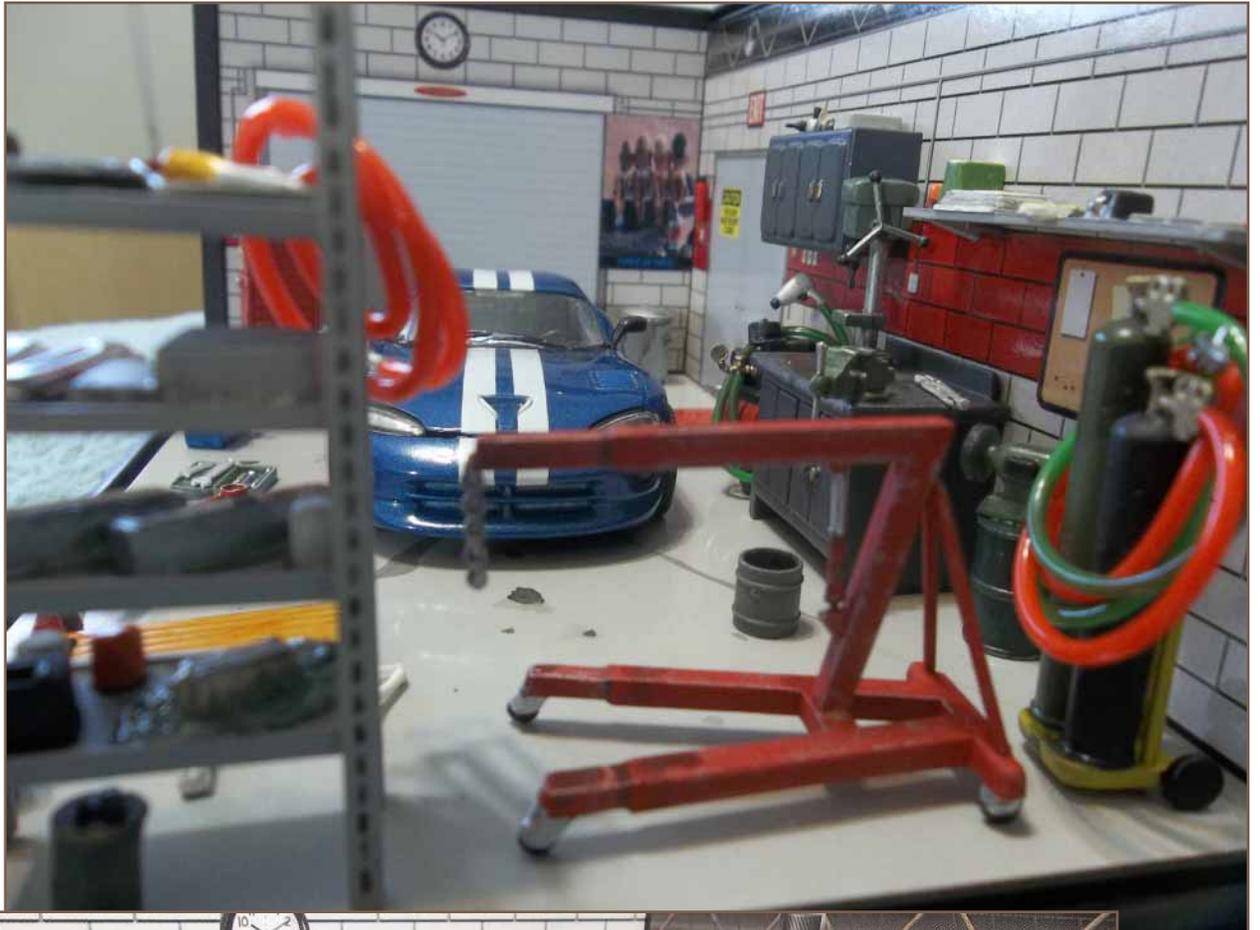
**Protempore Member/s.** The number of Protempore Member/s to serve, if any, shall be designated by the current Executive Board and nominated and voted on by club membership at the annual election meeting. The number of Protempore Members needs to result in an odd number of total Executive Board members for voting purposes. Protoms are to assist the Executive Board as deemed necessary by the Executive Board; *i.e.*, clinics, club library, etc.

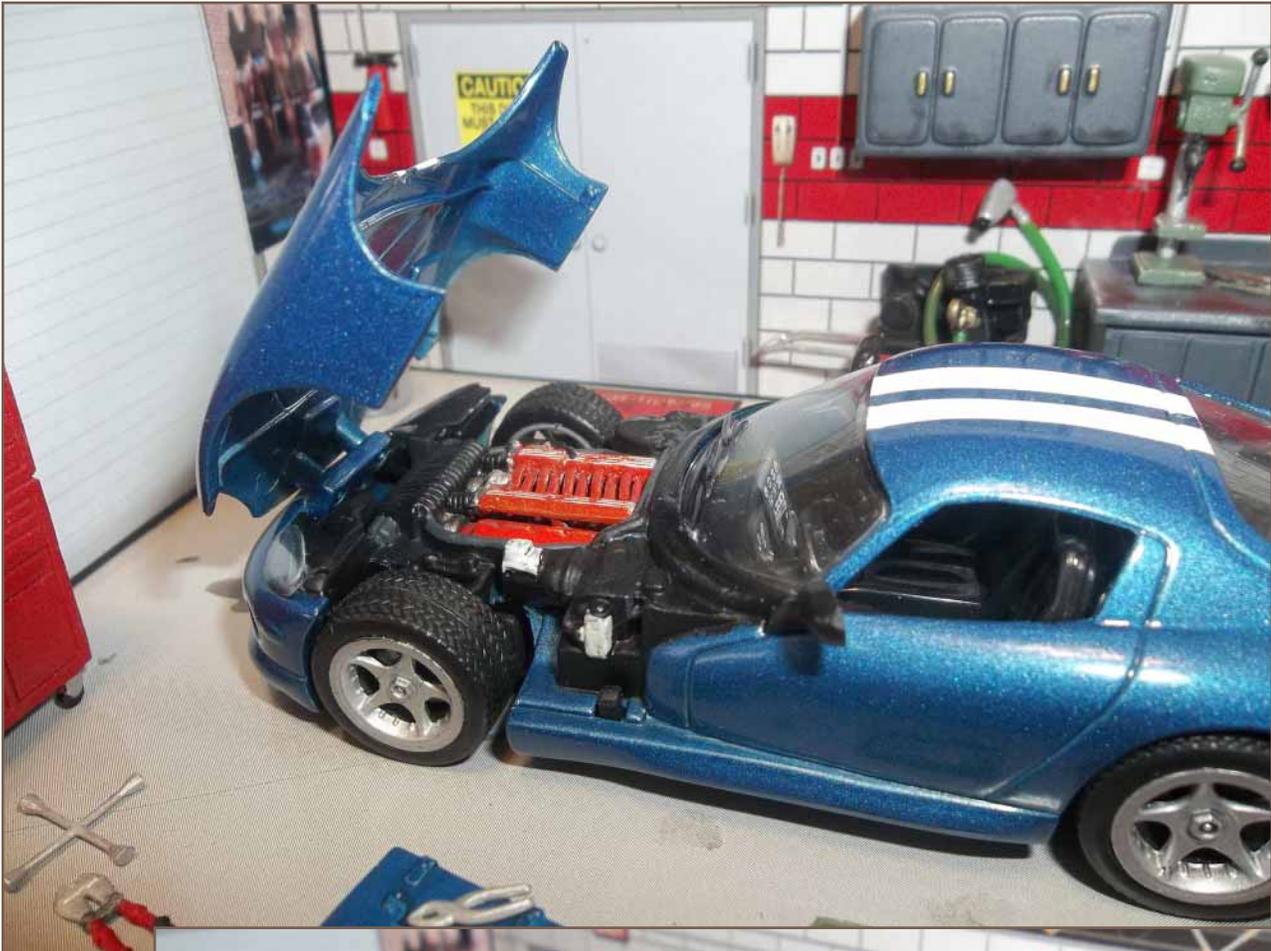
Link to the Bylaws webpage: [http://abqscalemodelers.com/asm\\_bylaws.htm](http://abqscalemodelers.com/asm_bylaws.htm)

# BONUS PAGES! GARAGE BUILD KEN PINIAK

This is a garage display kit that I put together for my brother. It is a 1/43-scale kit from a series called Great Garages, marketed by Estes/Centuri Corp., the people who make model rockets. It included the car.





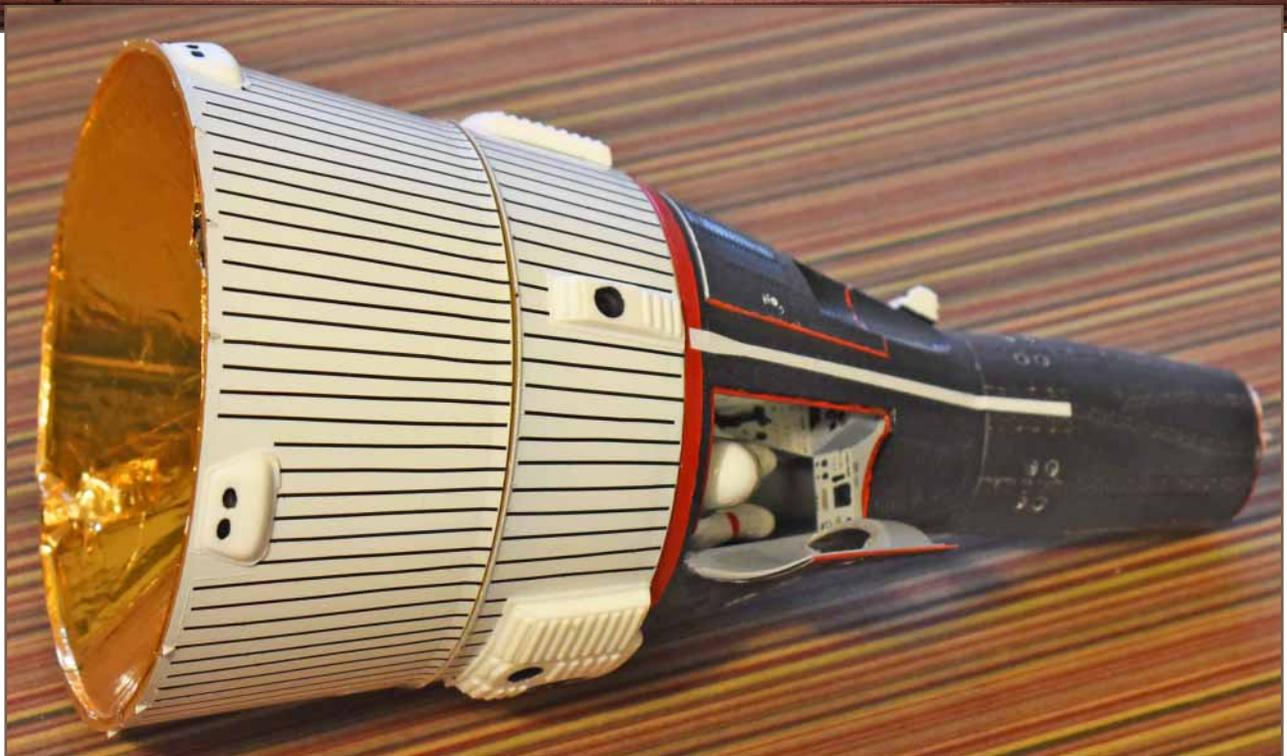


# BONUS PAGES!

## REVELL 1/24 GEMINI VI BUILD

### MARK VAUGHN

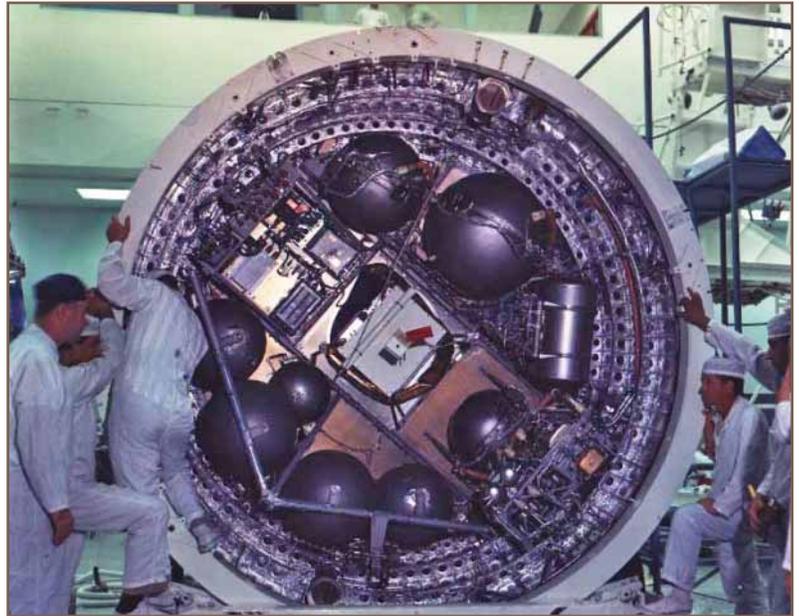
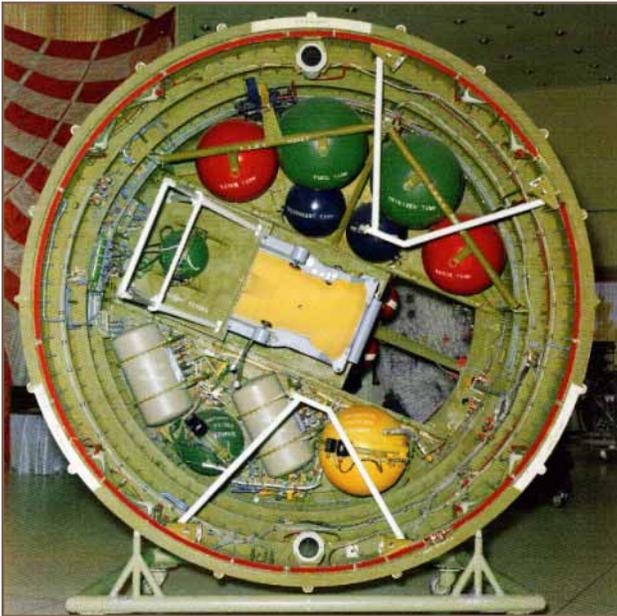
I had in the back of my mind for a long time to build an old school 1/24 Gemini model. I built one in 1965 when the kit came out. I actually found it in an old spares box; it survived my adolescent firecracker and magnifying glass “welding” phases! This kit was a rush job by Revell during the space race with 1965



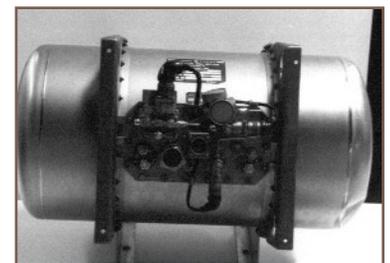
molds based on artist (mis)conceptions, and NASA mockups. It has several known errors. In Revell's defense it was "correct" for the time it was first produced.

I chose to build Gemini VI. Because it rendezvoused with Gemini VII, there are lots of photos of them in flight. VII actually launched first and waited around for eleven days with other things to do while VI's aborted launch was delayed. VII was up for nearly two weeks while VI was up for slightly more than a day.

Let's start at the bottom and work up. The paint colors called out for the kit service module were based on those in a color coded mockup, shown on the left, instead of the real thing, as seen on the right.



Most of the kit components are correct a few are not quite. Interestingly, Gemini flew the first fuel cells in space—a brand new technology. Here's a close-up of a real one (right).



Here's a before and after of current and childhood service modules.



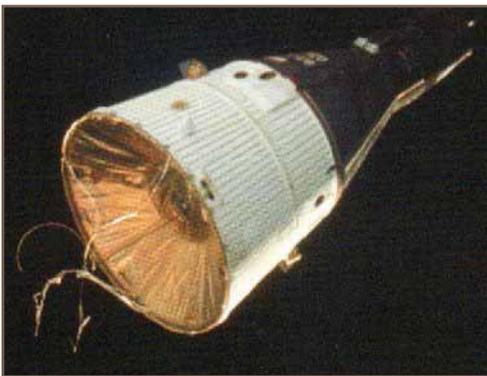
The paint colors were easy enough to correct and each of the kit's service module's components were in at least one of the Geminis, so I just built it as is. The photos of the real Geminis are scarce and often incorrectly labeled, so I was not totally sure about the configuration of Gemini VI anyway. Mea culpa.

The tan interior color was matched to the existing Gemini B that still exists (the DOD version that never launched). This may or may not be correct, but most folks use it. I think that the real color might be Alodine, a hexavalent chromate conversion coating (that might give everyone around it cancer). There are several types. Some Gemini service module photos look like parts I used when I was a payloadeer. It's fast to apply and used to be easy to do. The Haynes "Gemini 1965 – 1966 (All Missions, All Models) Owner's Workshop Manual" helps with colors, configurations, etc. Note that the ten manned Geminis were launched in less than two years!

I did not sweat the accuracy of the service module too much since—there was a gold thermal radiation blanket that obscured the whole thing! While this was not included in the kit there is a fine upgrade kit by RealSpace Models (<https://tinyurl.com/asm2110a>) that supplies a fine part that you can cover with gold Bare-Metal foil. I don't recommend using their foil. This part is fairly accurate. Here's a shot of it before foil, *in situ*, and one with the foil.

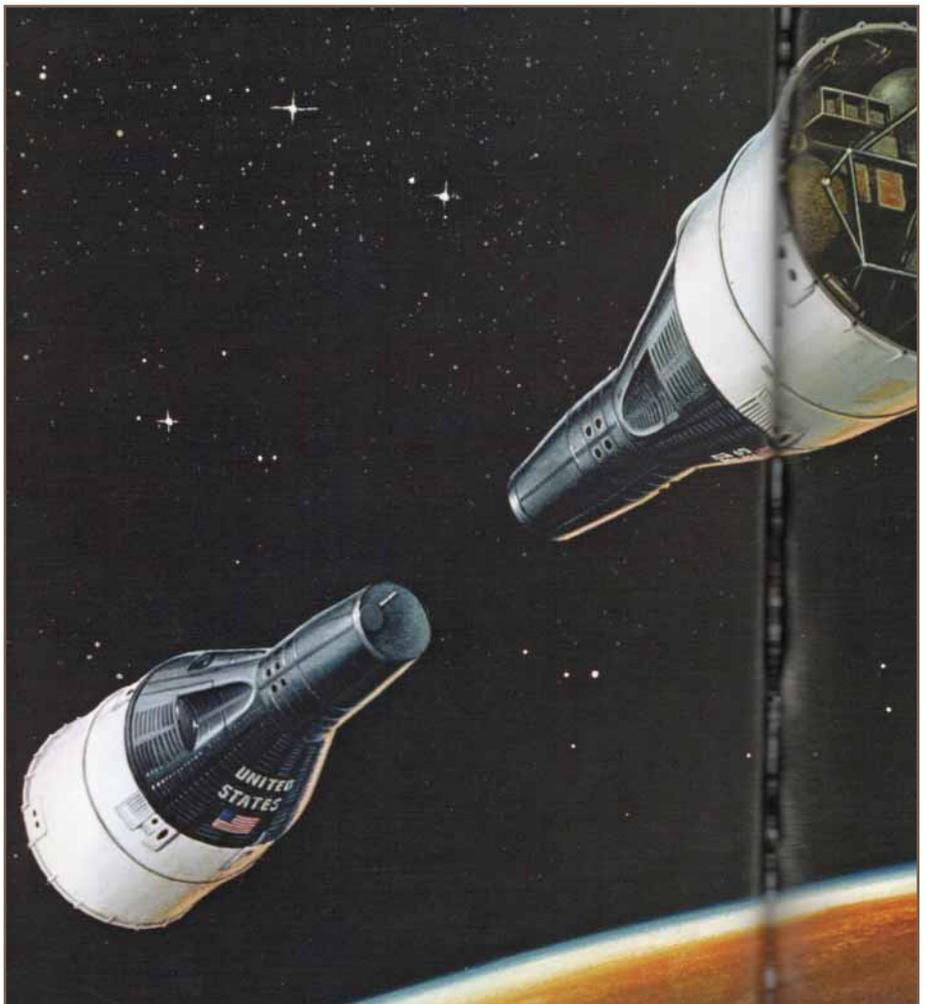


I think it looks pretty close to the real thing, below, on Gemini VII. Compare with this artist's conception to the right.



I did not try to reproduce the cable debris. This was actually supposed to stay with the booster but didn't on some flights. It's not nice to mock the payload engineers.

Moving to the outer part of the service module and the retro module, several things needed upgrading. The kit shrouds for the attitude control nozzles are wrong. They are based on an artist's conception. Fortunately, the aforementioned upgrade kit also has resin replacements. The photo below shows the difference; the kit parts are dark while the resin parts are white. Quite a difference!



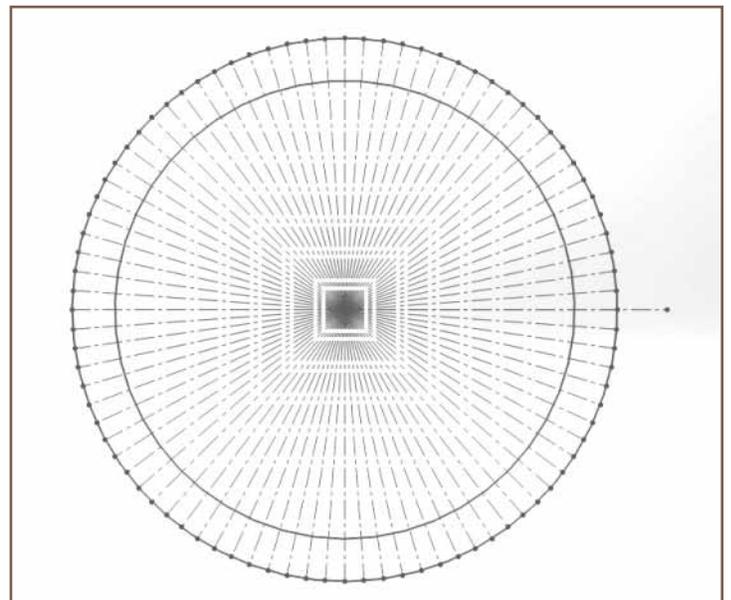
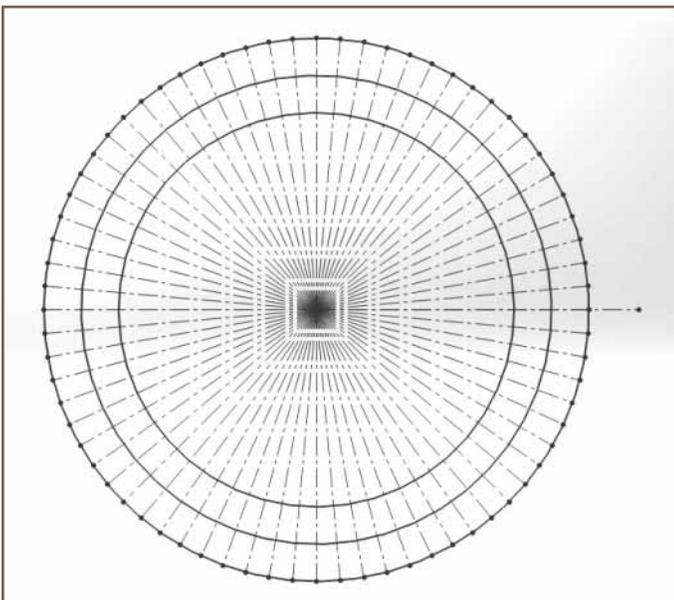


The other thing that needed upgrading was the decals. In particular, Gemini I – VII had thermal tape zebra stripes, barely visible in the photo with the cable debris. After this they used oval Velcro patches. These tapes, I believe, were a function of problems with calculating radiative heat transfer. White-body and black-body radiation heat transfer were easily calculated in the 1960s, but gray-body was not. So they didn't have the time to concoct a gray paint that would absorb enough—but not too much—light (heat) from the sun to keep the cryogenic liquids in the service module liquid. So they slapped black tape on the bright white ceramic paint, as a quick fix for schedule issues in a space race.

Again, there is a decal upgrade just for this that I found from these guys:

<https://tinyurl.com/asm2110b>

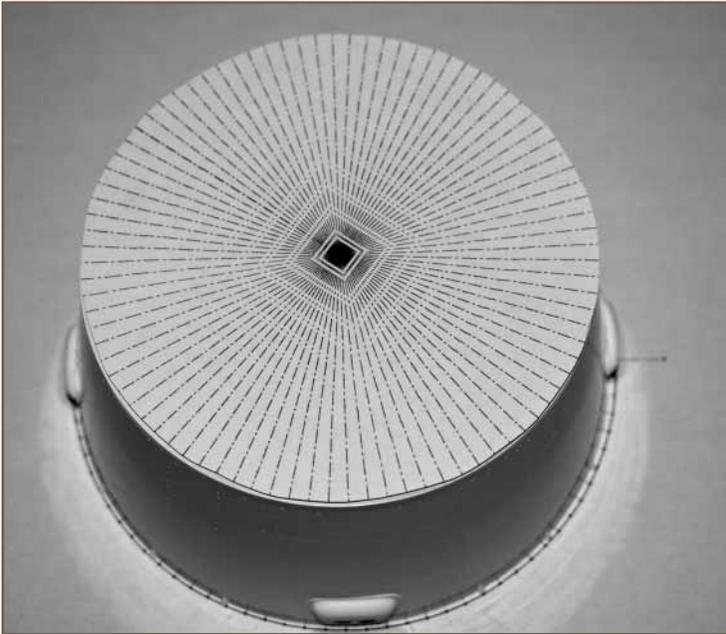
Which not only get you the stripes but much better decals for the crew capsule. Putting the stripes on spaced properly and straight posed a problem. I made four paper guides using SolidWorks to do just that, shown below.



I'll include the files with this and I'd be happy to give it to anyone thinking about doing this as well. If you use the raw jpeg, it should print to the proper scale. There are 72 stripes on the retro module and 88 on

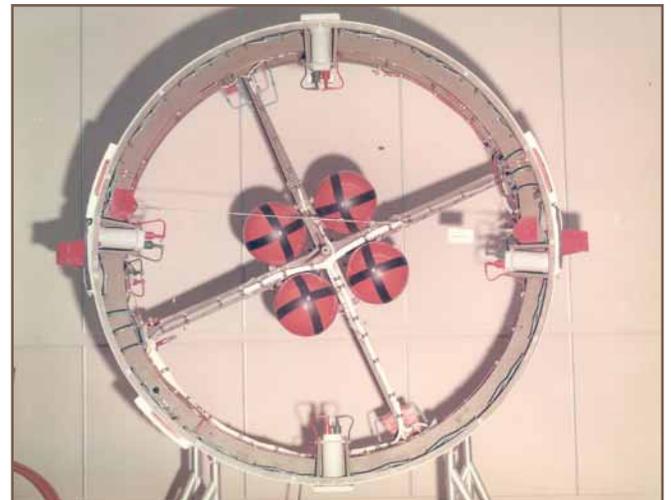
the service module. They generally don't line up with each other, naturally. Also, they are not typically exactly straight on the real thing so don't sweat that too much. Just use PSA or I prefer crafter's tape to stick them to the top and bottom of each module while decaling.

<https://tinyurl.com/asm2110c>



A word of warning, consider modelling a Gemini VIII or later. These zebra stripes are tedious, even with the paper guides. The Velcro patches would have been much easier. Also note that I painted a circle of Evergreen sheet and covered the thru-holes in the service module plate. I found no photos of what it looked like so artistic license...

The retro section seems okay as is, with the upgrade resin ACS nozzle shrouds. I enhanced the retro rockets themselves with the black stripes (the inert rockets had white stripes) with trim film decal material. Here again, the real thing had misaligned stripes. Probably black tape? Also, since these rockets fired in series, they should be aligned to the center of mass, which is not on the central axis. More on that later.



I may doll this up a little later on by putting the cable harness on the cross. Since the interior of this module will be rarely if ever seen, it would be for my gratification only.



Now for the reentry module. Remember the escape towers on the noses of Mercury and Apollo in case something went wrong? Gemini didn't have one. Instead they had—ejection seats! Yuri Gagarin used one on his famous first flight. The Russians hadn't figured out heat shields yet. The Gemini VI astronauts wisely didn't opt for using them during their misfire. The kit just has a "seat" with no detail. There is or was an upgrade for this and the interior that is no longer sold by LVM Studios. I wish I'd built this ten years ago, I guess. Yeah, I checked eBay. But with the astronaut figures on the seats, meh, there is not much to see anyway.

Aside from the seats, there are a few things that the upgrade kit I actually had helped. There are shrouds over the separation system, the red boxes, which are misshapen or absent on the kit. Resin to the rescue! The exterior "shingles" are also incorrect as well as the areas just forward of the doors. Again the artist conception shows nice round blends here. In reality, this blend is not so artistic. I opted not to use the resin fixes since they were not well molded and required a lot of sawing, fitting, putty, etc. The kit version looks fine to me.

In a similar vein, the upgrade kit supplies a horizon sensor. It sort of looks like the real version and I may replace it with one I make at a later date. That's the white thing forward of the left seat. The kit comes with the ascent shroud instead but that would be the first thing that is ejected. Otherwise the astronauts would spend all their time correcting roll.

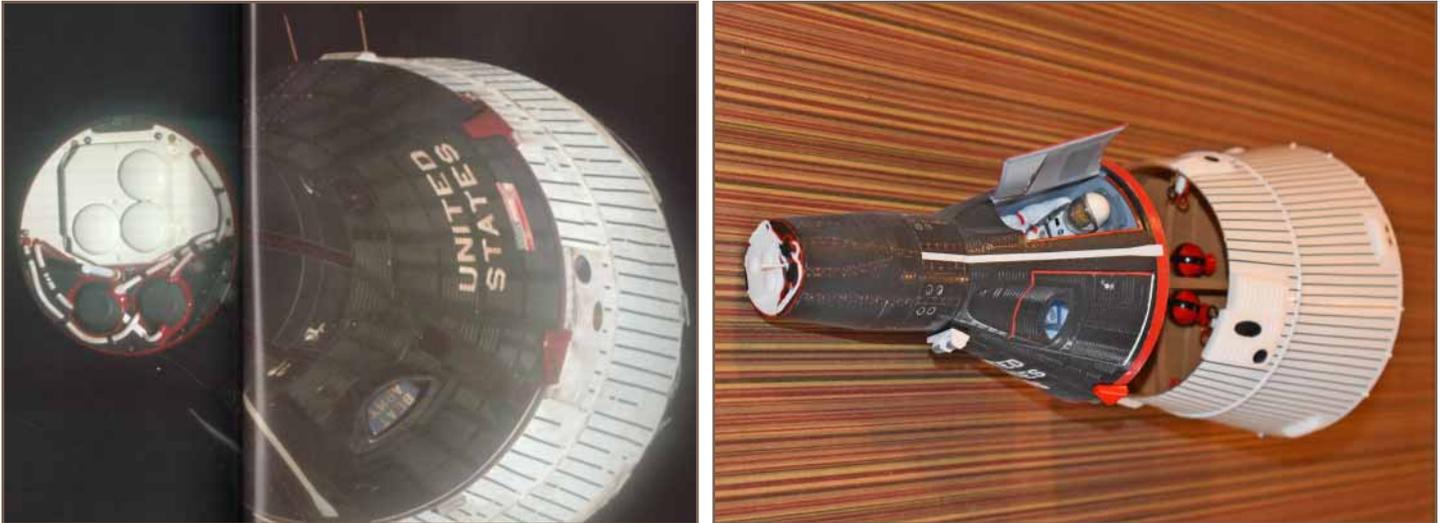
The kit cockpit has some detail, mostly correct. The upgrade instrument panels might be technically more correct but the casting was pretty miserable, so I went Revell. The interior of the doors was troublesome. I've left them as-is for now. There were locking mechanisms and pouches. Unfortunately, I find little clearance over the astronauts heads so, again, as-is.

Considering the kits age, the astronauts are quite good. Molded in two parts along the coronal or frontal plane, they are fairly accurate, although the instructions call for the silver coloration of Mercury rather

than the white of later suits. They come with clear visors but I left those off for now since they are quite thick. Invisible glass again.

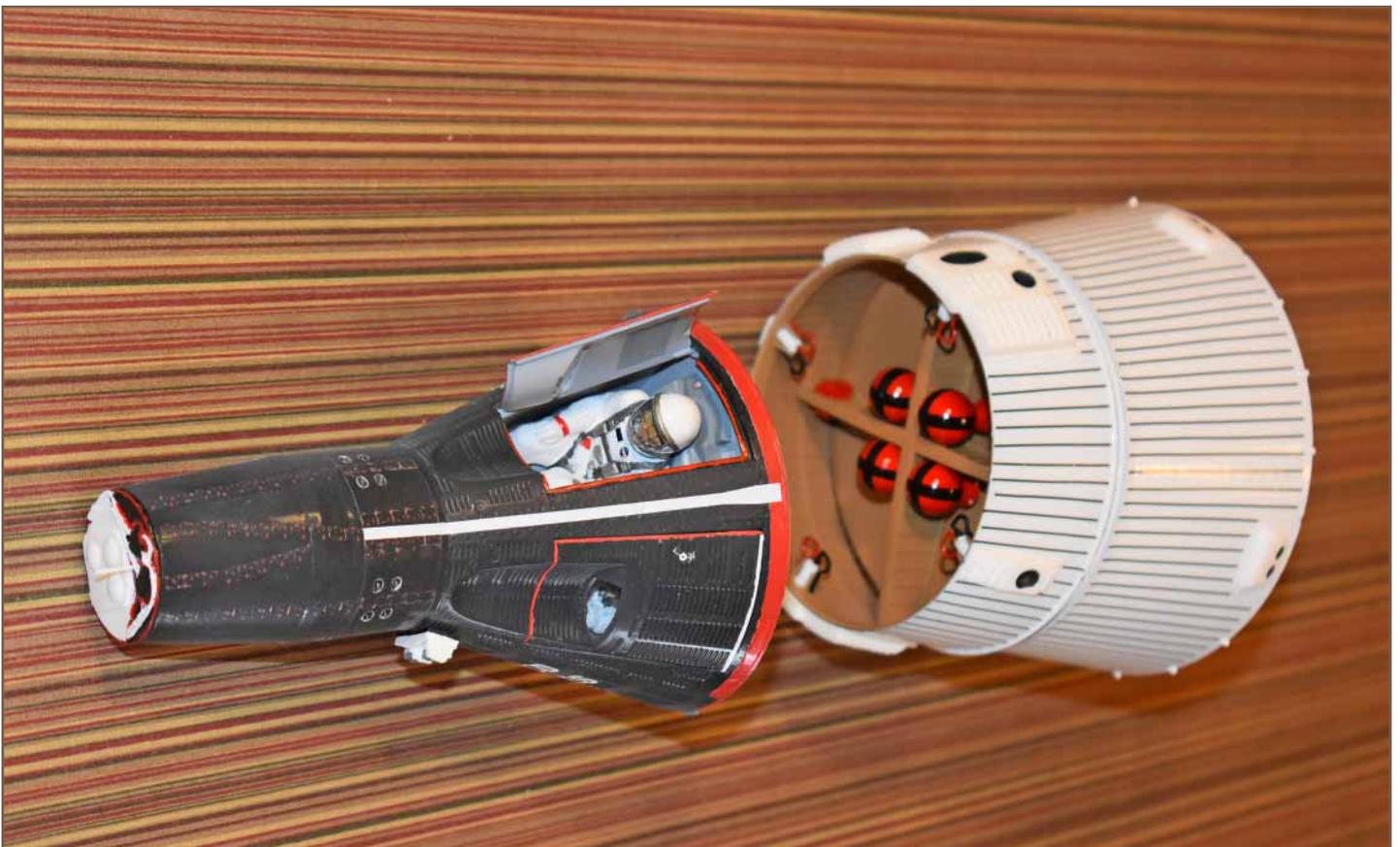
I faked the orange rubber seals on the flanges with paint. The white stripe is a cover for the parachute lines. Gemini did not descend tail first. They came down horizontally on a two point bridle. The original intent was for descent to be with a paraglider! I remember one tiny Gemini model that actually had optional landing skids!

The nose is enhanced with many tiny red decals from the upgrade. The upgrade also addresses the nose, shown below.



This photo was on the fold, sorry. I razor-sawed off the front of the kit nose, substituted the upgrade nose and voilà!

Now all I need to do is figure out a good display stand. A good model is never really done—always something else to do.



# BONUS PAGES!

## ASM MODEL DISPLAYS IN FALL 2021

### MIKE BLOHM

Information as of: 23 September

Participation in the ASM model displays is totally voluntary.

#### **U.S. Air Force Anniversary Ball**

ASM is participating in this event and details are being worked at this time.

Date: Friday, October 15 from 6:00 - 9:00 P.M. at Kirtland AFB

Manning: Probably 3 to 4 people; dress is suit and tie. Would like to have ASM members that already have access to the base and do not need visitor passes, but we will work those too.

USAF models 1947 to Present. Aircraft, helicopters, rockets, missiles, SAMs, ground vehicles, figures, ships (they do have some), figures, dioramas—any scale.

“Theme” is “Casino Night” and not some kind of historical anniversary, so we are planning to do a reprise of the “71st Anniversary of the Korean War” display that we had at the NM State Fair. So we would like to borrow those models again. This is a one-night event so models will be returned within a day or two.

ASM has been lacking in the following USAF model types: ICBMs, IRBMs, cargo/transport, special mission, figures, and dioramas. Number of display tables will drive the number of models we need.

Please email me with what types of models you can loan for the display and any info that should be included on a “data card” such as type, date, unit, location, etc. I will go back and look at the models loaned for the 2018 and 2019 displays and reach out to those members.

Further details on delivering models for the display will be posted. Typically ASM members can bring them to Hobby Proz mid-week before the display date in a plastic tub with your name on it and a list of your models included. We will pick them up from the shop and return them afterwards.

#### **2021 New Mexico State Fair**

ASM successfully conducted the Korean War display. Pictures have already been published and posted in the *ASM Newsletter* and *ASM Website*. More detailed articles and more pictures will be posted soon.

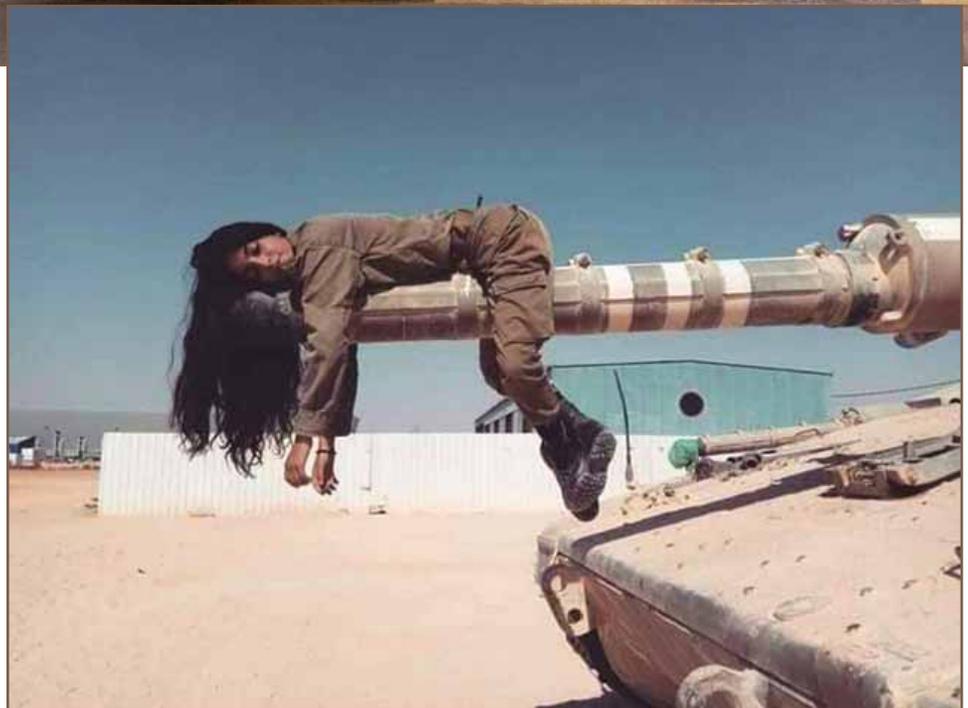
#### **Folds of Honor Patriots Gala**

The Folds of Honor Gala scheduled for September 10th was cancelled due to Covid and has been rescheduled for February 22, 2022.

Links to all past ASM displays at: <https://abqscalemodelers.com/asmnamd.htm>

# BONUS PAGES! MISCELLANEOUS

Our first two images are from Ken Piniak. Yes, that's a tank cake!





# ModelZona 2021



## Back in the Saddle



**SATURDAY  
NOVEMBER 6<sup>th</sup>, 2021  
9am - 4pm**

**Model Registration - 9am to 1pm**

**Red Mountain Community Church  
6101 East Virginia Street  
Mesa, Arizona 85215  
Northeast corner of  
Loop 202 and N. Recker Rd.**

★ **OPEN TO ALL MODELERS**

★ **40+ CATEGORIES**

★ **SPECIAL AWARDS FOR:**

Best Vietnam War subject

Best F4U Corsair

Raleigh Williams Craftmanship Award

★ **SEMINARS**

★ **MAKE & TAKE**

★ **VENDOR TABLES**

**8ft. Vendor tables - \$40 each**

Contact Keith at 480-994-2263 for vendor info

**GENERAL ADMISSION - \$5**

**Kids under 13 - FREE**

**MODEL REGISTRATION**

Adult - \$5 (first 5 models)

Additional models - \$1 each

Junior (under 17) - \$2 (unlimited models)

**A fillable model registration form is available on our website. We encourage you to fill your forms out in advance so that you have more time to enjoy the show!**

**Visit our website for more info: [www.ipms-phoenix.com](http://www.ipms-phoenix.com)**

**Follow us on Facebook: [Craig Hewitt Chapter-IPMS Phoenix](https://www.facebook.com/CraigHewittChapterIPMSPhoenix)**



In light of the current pandemic situation, please be aware that neither IPMS/USA nor its Chapters are liable for any potential transmission of illnesses. Those planning to attend this event should (a) follow existing safe social distancing recommendations and (b) abide by any local or state regulations regarding gatherings.

## Join IPMS/USA!

The International Plastic Modelers' Society is an organization dedicated to the fun of Scale Modeling. There are IPMS branches all over the world.

As part of your IPMS/USA membership, you will receive the IPMS Journal six times a year. In it you will find stories of interest on subjects such as aircraft, armor, automotive, ships, and figures. You will also find listings of IPMS contests and swap meets, hints and tips, and reviews. Membership also qualifies you to participate in IPMS/USA-sanctioned Regional Contests, as well as our world-famous National Convention, held each summer.

As a member, you'll also be able to access our online Members' Forum, where a wide variety of society and modeling topics are discussed. In addition, many hobby shops around the country offer discounts to IPMS/USA members. To join, simply use the form below or join online (<http://www.ipmsusa.org>).

For any questions or problems regarding your membership application or renewal, please contact the IPMS/USA Office Manager ([manager@ipmsusa.org](mailto:manager@ipmsusa.org)).



## IPMS/USA MEMBERSHIP FORM

IPMS No.: \_\_\_\_\_ Name: \_\_\_\_\_

Address: \_\_\_\_\_ If Renewing \_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_ Last \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Signature (required by P.O.) \_\_\_\_\_

Type of Membership  Adult, 1 Year: \$30  Adult, 2 Years: \$58  Adult, 3 Years: \$86

Junior (Under 18 Years) \$17  Family, 1 Year: \$35 (Adult + \$5, One Set Journals) How Many Cards? \_\_\_\_\_

Canada & Mexico: \$35  Other / Foreign: \$38 (Surface) Checks must be drawn on a US bank or international money order

Payment Method:  Check  Money Order

Chapter Affiliation, (if any): \_\_\_\_\_

If Recommended by an IPMS Member, Please List His / Her Name and Member Number:

Name: \_\_\_\_\_ IPMS No.: \_\_\_\_\_

### IPMS/USA

Join or Renew Online at: [www.ipmsusa.org](http://www.ipmsusa.org)

**PO Box 1411**

**Riverview FL 33568-1411**