

The Parchment

News letter of the IPMS Spartanburg Scale modelers

Established 1990
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IPMS/USA Chapter of the year 2001
Spartanburg's Plastic Model Club

Spartanburg Scale Modeler's Mission

Our mission is to promote the interest in the hobby of plastic model building. We will also provide data, information and assistance to members of said organization and members of other plastic model building organizations. We will strive to continually improve the standards, techniques and quality of our work. We will offer assistance and encouragement to any plastic modeling organizations and groups.

Next Month's Gathering

Next meeting will be **February 20** Be there!

The Club Is moving!!!!!!

That's right were moving to a new place for our meetings and possibly other activities!

The location will be
Northwest Rec center

701 Saxon Ave Spartanburg Sc 29301

The times stay the same we look forward to a big turn out

Business meeting

We had a good turnout for the first meeting in our new place and for the New Year. The important part of business was whether we should do a show. That was agreed on. The members present were so impressed with Our new location, the Northwest center, they want to hold our contest and future events there. Final cost wasn't finalized at the time of the meeting.

Also the members present decided not have a theme for this years show we will use special awards for the 50th anniversary of IPMS USA and awards from our list from past contest.

Tim went over since the Rec center closes at 9pm we need to get started on time and wrap up show and tell by 8:45 Also Tim has ask when need to meet at his house for business meeting this will help to keep the business part shorter due to time.

Show and Tell

We had a great Show and Tell!!! We had over dozen models were on display. John started off with Paul's I-400 submarine kit from Tamiya. Paul paid over \$60 for this 1/700 kit and a book on the I 400. John went over the missions it was and on could have been involved in. Isabella brought a Monogram Elliot Sadler kit she doing great with it. David had his lunch box and no pickles!! He did bring a couple of the Dodge Chargers he's working on and the decals for Mauldin Police force and Greenville city. Edward Broke lose with the Enterprise from TOS, a Battle Star Galactica Colonial Viper original kit. A Tamiya Merkava ,Polor lights reissue of the Aurora Frankenstein monster Moebeios 1/24 Barman figure, a out of production Garon Figure from Star Trek TNG. And finished with Monogram's M-48 for the intra club contest.

Tim finished up with his Henry George car from Polor lights and his unfinished M-48.

Some how the AMT K-7 space staion from Star Trek came up and it could be converted to a "used starship dealership" Only this club would come up with that!!!

News from Great Escape

Round 2 finally bought out Lindberg. Some kits have found their way back to the shelves. The Plymouth Nascar is reissue with different driver and decals. From Space1999 the Alien Moon buggy, a Pacaer X !! AMT Rescue van with options to do 4 vans, and a1964 Dodge Dart Short track. Revell

Monogram has brought back lot of old kits the Vandel,57 Ford police car, Chevy Altered Nomad, Hummer H2Tweety Pie.

Moebous has 1956 Chrysler 399B. ICM has a Admiral Cabolet.

Moebious has brought out Grand Pa and Herman from the Munster in 1/10 at \$30. Also Robot B-9 from lost in Space 1/6 for \$55. Also “Monsters of the Movies” Mighty Kogar1/12 less than \$20 Also Lindbergh website hasn’t been shut down yet and the kit available from Round 2 are listed in the Round 2 site. Man I like to see a printed catalog! Finally after years of looking Revell and Revell of Germany rereleased 2 Essex class carrier from the late 50’s and early 60’s. The Shangri la CV 38 in original box art. And CVS 12 Hornet Apollo 11 recovery. The prices vary to much The Shangri La is \$35. The Hornet is \$21

Project Gemini By Gino Dykstra

True confessions – I’m old enough to remember the Gemini Space Program first-hand.

The Gemini program, following the successful Mercury program, was the United State’s second big step into outer space – creating a capsule manned by two astronauts and capable of a stable orbit. NASA’s Project Gemini involved 10 missions that took place from 1962 through 1966. Gemini’s purpose was to test techniques that afterwards would be used in the Apollo Program. NASA in general has always been of interest to the modeling world, and the Gemini program is no exception to this.

Revell was the first out of the gate in 1965, with no less than two separate models of this interesting spacecraft. The first was part of a 1/48th scale two-model set, which included the Mercury capsule as well:



Figure 1: Original Release Cover for Revell 1/48th scale Mercury/Gemini Combo

The second was a 1/24th scale upsized version of the smaller model:



Figure 2: Original Release Cover for Revell 1/24th scale Gemini Capsule

Both of these featured excellent detail, especially for the time, including all the equipment within the equipment modules. Both of these kits are re-released frequently, so are not difficult to obtain. However, both of these models were created while the Gemini program was still in flux, and therefore feature details more typical of the prototype capsules than the operational items. In fact, the first releases of the Mercury/Gemini model featured landing skids for the Gemini capsule, as early design work permitted the capsule to come down on dry land via an inflatable gliding wing.

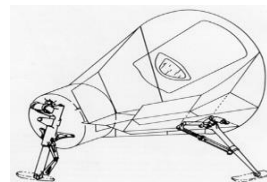


Figure 3: NASA Depiction of the Gemini Capsule Landing Gear

Obviously, there are some modifications necessary to make either of these an operational version of this capsule, and I’ll detail these in a bit. These models also lend themselves nicely to some “what if” models, including an early idea for a space station and a one-way lunar lander as featured in the movie “countdown”

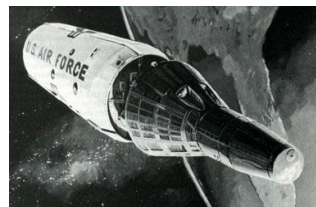




Figure 4: Original Proposed Gemini Space Lab and scratchbuilt Model



Figure 5: Blurry shot from the movie "Countdown" and scratchbuilt model

Imai also released a Gemini capsule, this time in 1/32nd scale, but this is an extremely rare kit and quite hard to find. Dragon, of course, has recently addressed the 1/72nd scale market with at least two different variants of the Gemini capsule, one of which features a nice spacewalking astronaut. These are fine reproductions of the operational spacecraft, but are fairly tiny due to the size of the original items.

As these are the most available in larger sizes, I offer here a partial list of what needs to be done to the Revell 1/48th or 1/24th models to make them more closely approximate operational spacecraft. Be aware that Gemini spacecraft and their equipment modules changed virtually every flight, so these are only general notes.

Interior: Although there are a host of changes that could be done in this department, perhaps the most

glaring (at least if you have a door open) is the interior of the hatch, which has been molded with no details at all. Review of pictures available on the internet can guide you in this area.



Figure 6: One view of the interior of the hatch.

Capsule Exterior: The most obvious differences center around the nose of the craft. Both of these models are designed with the launch caps on both the nose and the sensor pack, which is represented by a rounded lozenge-shaped piece that attaches to the side of the nose. When these were removed, they revealed a nose with several round objects linked with wires, and a small box-like equipment pack on the side of the nose. Once again, references on the internet are helpful here.



Figure 7: The nose of the real spacecraft



Figure 7A: Sensor “Do-Hickey” on the side of the nose

Equipment Modules Exterior: This is where the most obvious changes occur. Operational modules had external reinforcing ribs plus some modifications to the retro packs. Your best bet is to sand off all external detail and replicate the ribbing with some Evergreen styrene strips of the appropriate size.



Figure 8: View of the Equipment Modules

The retro packs on the first module (next to the capsule) are more squarish in design than the kit and feature some ribbing of their own. The retros on the rearmost module, on the other hand, lose the tiny outside rockets and become almost oval in shape.

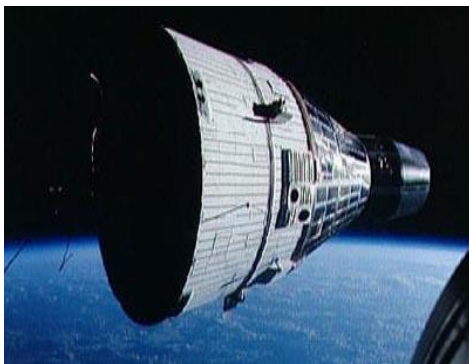


Figure 9: The other side of the Equipment Modules

There is also a mylar shroud on the rearmost shroud, which covers all the elaborate gear within. This

needs to be reproduced with a circular center section made of plastic and plastic wrap for the outer section.



Figure 10: The gold mylar shield at the rear of the Equipment Modules

None of these alterations are terribly difficult, but they go a long way to making the Revell Gemini look more operational. Obviously, there are numerous other alterations which are nice to add, and there are a number of garage companies that cater to these details, but they are outside the scope of this article. Google “Gemini Capsule Model” to find these additional sources. In any case, good luck and good modeling!

From the Prez Gemini A First in History

I built my first Gemini in 1973 It was part of Revell's 3 piece set of man in space. It included a Mercury Gemini and Apollo capsules. It would almost 15 years before I found another Mercury/Gemini set. Gino wrote a great article on Gemini in the late 90's which has long been lost since he's moved and my move this past year.

If it wasn't for Gemini we could have never went to the moon. Gemini has long been forgotten for all the first it acclimated.

The major objectives were:

- To demonstrate endurance of humans and equipment to spaceflight for extended periods, at least eight days required for a Moon landing, to a maximum of two weeks

- To effect rendezvous and docking with another vehicle, and to maneuver the combined spacecraft using the propulsion system of the target vehicle

- To demonstrate Extra-Vehicular Activity (EVA), or space-"walks" outside the protection of the spacecraft, and to evaluate the astronauts' ability to perform tasks there

To perfect techniques of atmospheric reentry and landing at a pre-selected location
To provide the astronauts with zero-gravity, rendezvous, and docking experience required for Apollo

The Titan II Missile was selected to launch all Gemini's

16 astronauts were launched in 10 missions. Gemini had its share of problems. Manned launch didn't happen until 1965.

Some of the first first extravehicular activity (EVA) by an American; White's "space walk" was a 22 minute EVA exercise.

First week-long flight; first use of fuel cells for electrical power; evaluated guidance and navigation system for future rendezvous missions. Completed 120 orbits.

The original Gemini VI mission was scrubbed because its Agena target for rendezvous and docking failed, Gemini VII was used for the rendezvous instead. Primary objective was to determine whether humans could live in space for 14 days.

Accomplished first docking with another space vehicle, an unmanned Agena Target Vehicle. While docked, a Gemini spacecraft thruster malfunction caused near-fatal tumbling of the craft, which, after undocking, Armstrong was able to overcome; the crew effected the first emergency landing of a manned U.S. space mission.

First use of the Agena Target Vehicle's propulsion systems. The spacecraft also rendezvoused with the Agena Target Vehicle from Gemini VIII. Collins had 49 minutes of EVA standing in the hatch and 39 minutes of EVA to retrieve experiments from the Agena. 43 orbits completed.

Gemini 12 Final Gemini flight. Rendezvoused and docked manually with its target Agena and kept station with it during EVA. Aldrin set an EVA record of 5 hours and 30 minutes for one space walk and two stand-up exercises, and demonstrated solutions to previous EVA problems.

Armstrong, Lovell, Burman, Conrad. Aldrin. Without these men and Gemini The U.S.A. Could not have made it to the Moon.

Excerpts from Wikipedia

Late News

Has I put the newsletter to bed I received a important newsletter from our RC Dave Corvino. He updated the dates and requirement for the various regions awards.

The most important and interesting that was included was the IPMS USA EBoard Minutes from the last meeting in December. This include up to date budget numbers and concern for Models for the troops project..

They are going to increase money fro additional award for the 2014 Nationals. And A special pin will made for the celebration of the 50th anniversary. Anyone can order it on line or get one as part of the convention package if you attend.

Also the Board Voted to go back and give current IPMS members 2 additional Journal for each member they sing up.

Its taken 2 years since Paul and myself suggested that the minutes be sent out from the Eboard to our members via email Ill have a printed copies available for our members who don't have email Tim

Direction to our new meeting place

Weather you are coming in from NORTH, SOUTH, EAST or WEST you can follow HWY 29 otherwise known as MAIN STREET, (EAST and WEST) till you reach POWEL MILL RD. Turn onto Powel Mill RD and follow it all the way behind SPARTANBURG METHODIST COLLEGE till you get to TEXTILE ROAD. Turn onto TEXTILE ROAD and follow it till you get to Haynes street. Turn onto WILLIAMS STREET. Follow WILLIAMS STREET till you come to SAXON AVE. Follow SAXON AVE till you see the REC CENTER on your right. You cant miss it. SEE YA THERE.

Upcoming Events ad shows

2-14-16= 2014

Atlanta Military Figure Convention

3-8 IPMS Knoxville

3-22 Modelworx and Mad Monster Party
Charlotte NC

4-5 IPMS Phantom Plashers
Anniston Al.

5-10 IPMS Mariette
Mariette GA

6-14 IPMS general Scott
Warner Robbins GA

February 20 next Meeting
All Gatherings will be at
Northwest Recreation Center

701 Saxon Avenue Spartanburg
SC 29301

Third Thursday of each month.
At 6:30pm.

Please bring models to talk about and dues.

Bad weather policy:

In the case of severe weather, IPMS Spartanburg will postpone our meeting until the next available Thursday. When schools run on a delay or closing this will be part of our postponements policy.

Please contact

Tim Kirkland
170 Kensington DR Apt 107
Spartanburg SC 29306
864-504-0745
kirklandmr6@aol.com
Face book Spartanburg Scale Builders

Officers

President, Chapter Contact,
Tim Kirkland

Editor , Photo credits

Gino Dykstra, Tim Kirkland,
IPMS USA

www.ipmsusa.org

Pics from January Meeting

The club in it's new digs!!!



" Van needs coffee" !!!!!



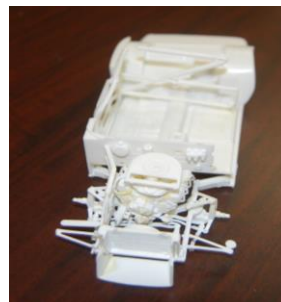
David's stuff!



Van's unfinished Garon from Horizon



Isabella's Nascar



"Im Batman" I think?



The Prez Monogram M-48



David's Maldin PSO Dodge



Isabella's Nascar and Engine



r and engine

Beem us Scotty the meeting over!!!



"If you have a little bit of talent it is God's gift to you."

"If you give some of that talent back it is your gift to Good."

IPMS/USA NEW MEMBER APPLICATION

IPMS: No. _____ Name: _____
(leave blank) FIRST M LAST
Address: _____
City: _____ State _____ Zip _____
Phone: _____ e-mail: _____
VISA/MasterCard: _____ Account #: _____
Exp. Date: _____
Signature: _____

_____ Adult: \$25 Junior (17 years old or younger): \$12 DOB: _____
Canada & Mexico: \$30 Other Foreign: \$32 Foreign Air Mail: \$55
Family (Adult: \$55, one set magazines + of membership cards required.)
If recommended by an IPMS Member,
list his/her name and member number (name) (PMS#): _____

IPMS/USA P.O. Box 2476
Check out our web page: www.ipmsusa.org North Canton, OH, 44720-0475