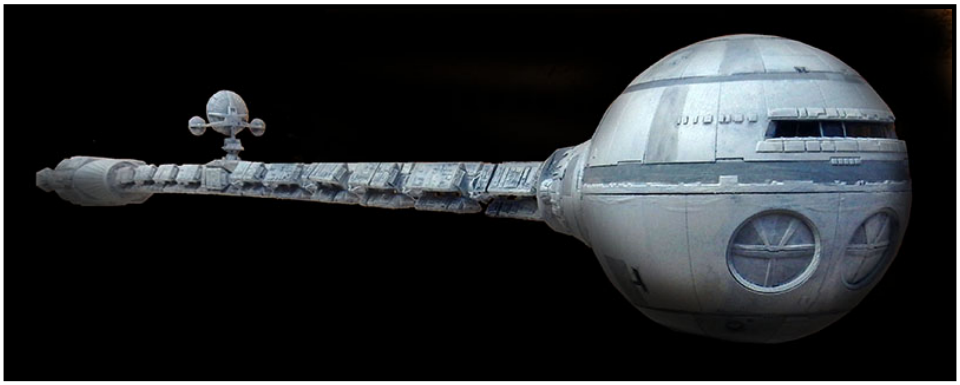


Discovery - 2001: A Space Odyssey - 1/144 scale

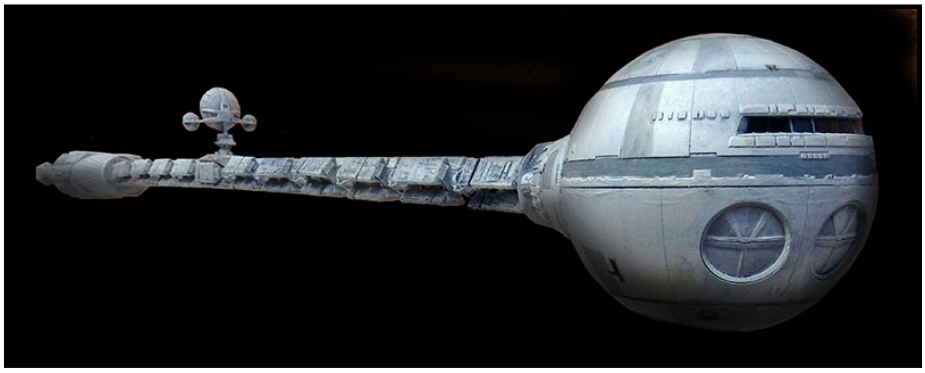
10/10/2025 — Advanced Techniques

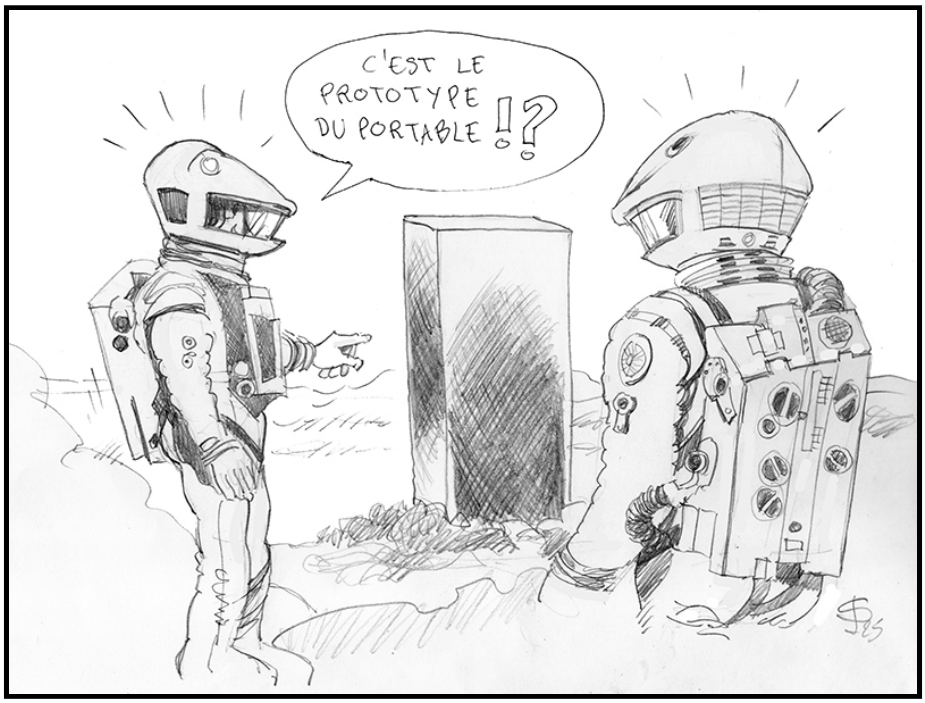


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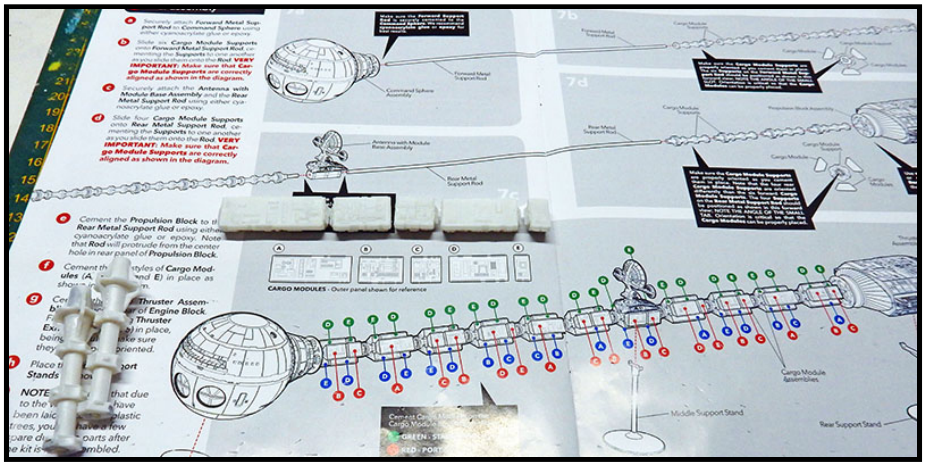
Le kit à l'échelle 1/144ème - 1,10 m de long. Bien sûr, contrairement à la présentation, le pod et l'astronaute ne sont pas fournis... Le plan, bien présenté, demande quand même beaucoup d'attention pour le montage des éléments de la "colonne vertébrale"... Travail de longue haleine, pas pour les...



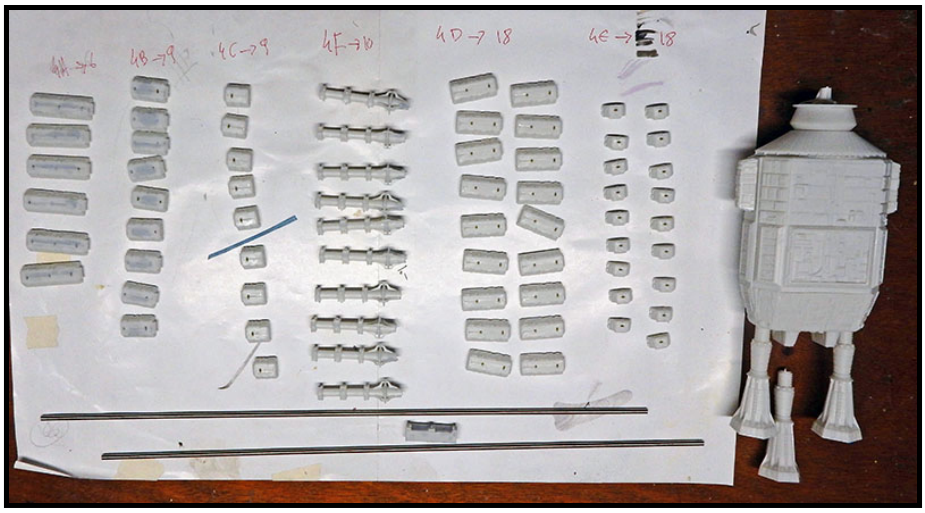




The 1/144-scale kit—1.10 m long. Of course, unlike in the picture, the pod and the astronaut are not included...



The plan, while well-presented, still requires a great deal of attention when assembling the components of the "backbone"...

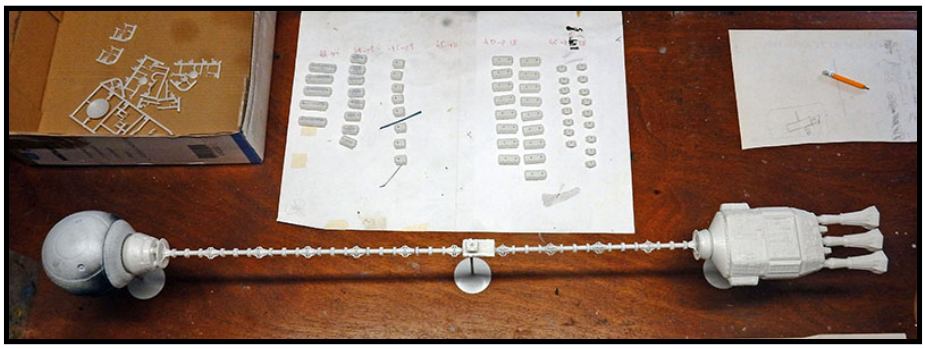


A long-term project—not for those in a hurry... Aside from the central sections (4F), which consist of two pieces that will support all the containers once glued together, all the others are made up of four parts. Once everything has been glued together, you'll need to fill the joints with putty and then, after they've dried, sand them down!

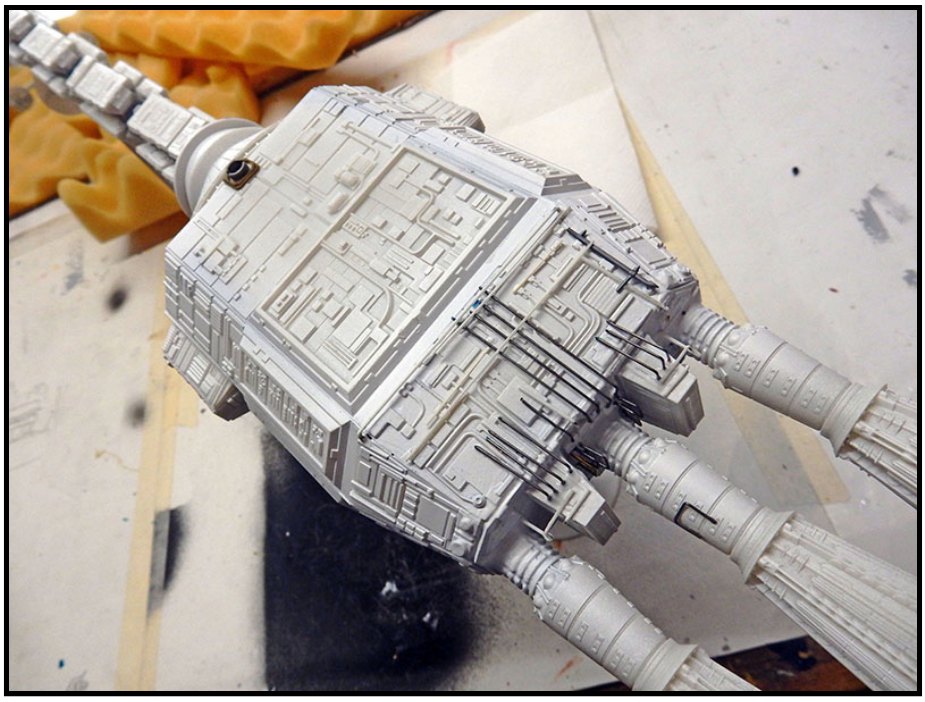
You need to carefully check the color-coded map to see exactly where the containers are placed, because they have a specific orientation that isn't always the same...

The manufacturer had the good sense to include metal rods that slide into the 4F parts as well as the antenna base (at the bottom, between the rods) to reinforce the assembly once it's glued together—which measures over one meter...

The engine block isn't difficult to work on, except that you need to coat the gaskets with liquid sealant and sand down the smooth surfaces...



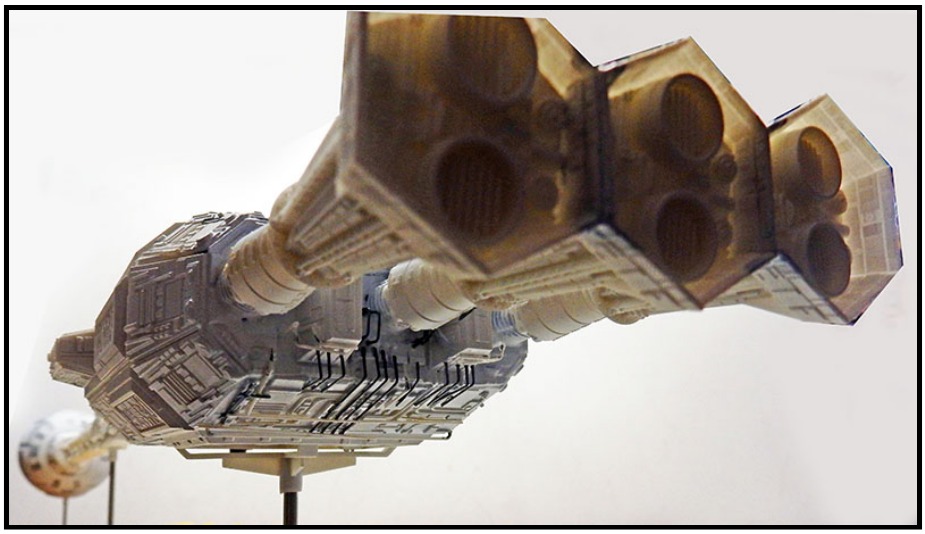
A view of the column secured on each side, ready to hold the components...



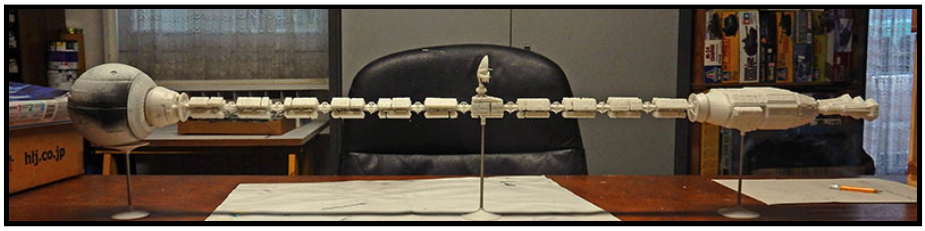
Note that there are also photo-etched and resin kits available to enhance the details. We've omitted these elements here, as they don't add much at this scale and are relatively expensive given their small size (you might think that the smaller something is, the cheaper it is—but that's a fatal "mistake"! Let's not forget that we're in the age of profit!)

The appeal of this model—which would be more than enough—would be its simple lighting, achieved by installing one white (or yellow) LED in the sphere and three blue LEDs in the reactors...

Curiously, the photos from the film show tubing at the rear of the engine block and a few small details that resin and photo-etched parts manufacturers don't mention—even though, unlike the interior details of the sphere (which are abundant), these are clearly visible...

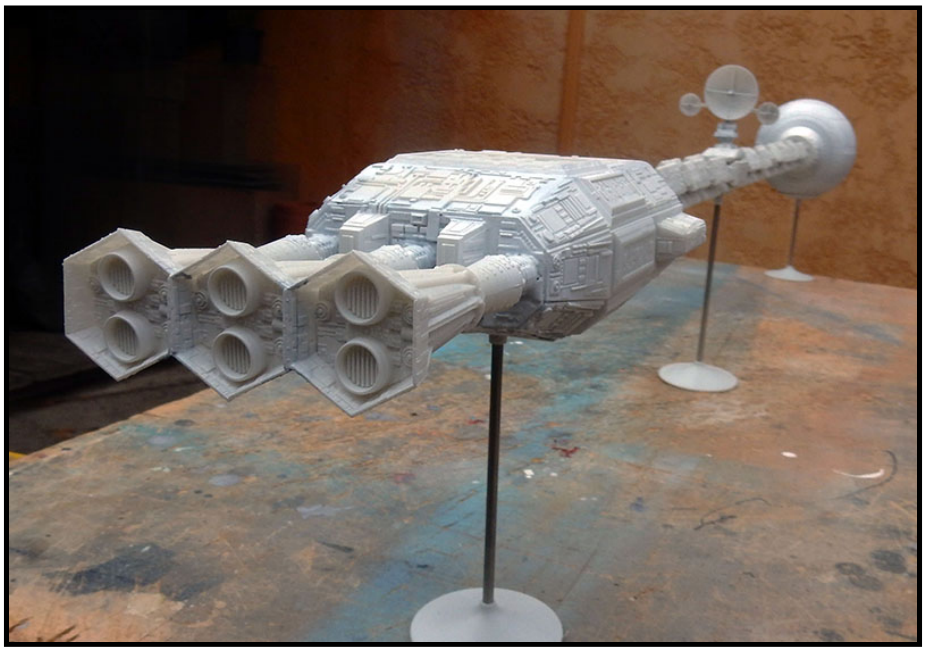


So they are made of piano wire and Evergreen plastic...

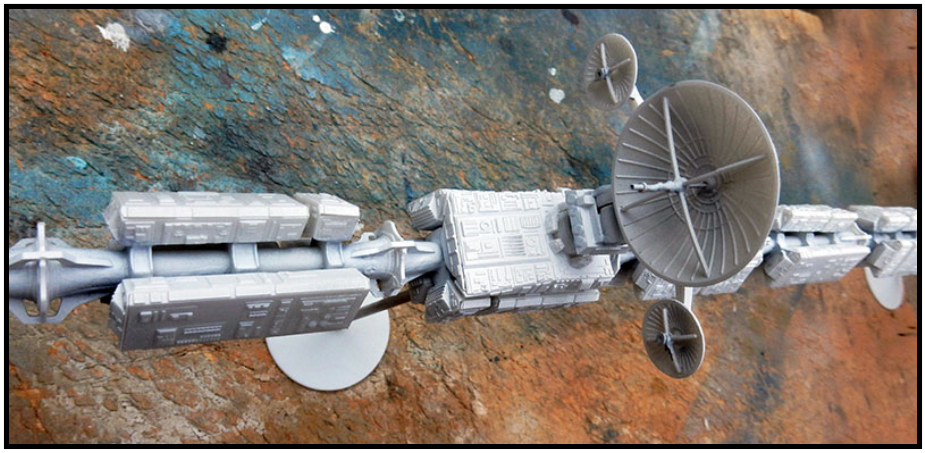


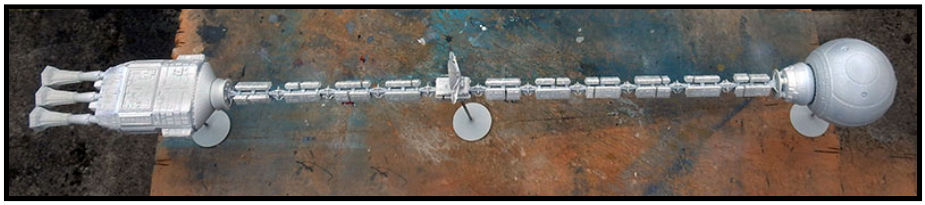
The ship assembled on its three stands (included in the kit), ready for painting... Installing the spherical section poses no particular problems. The antenna has been improved...

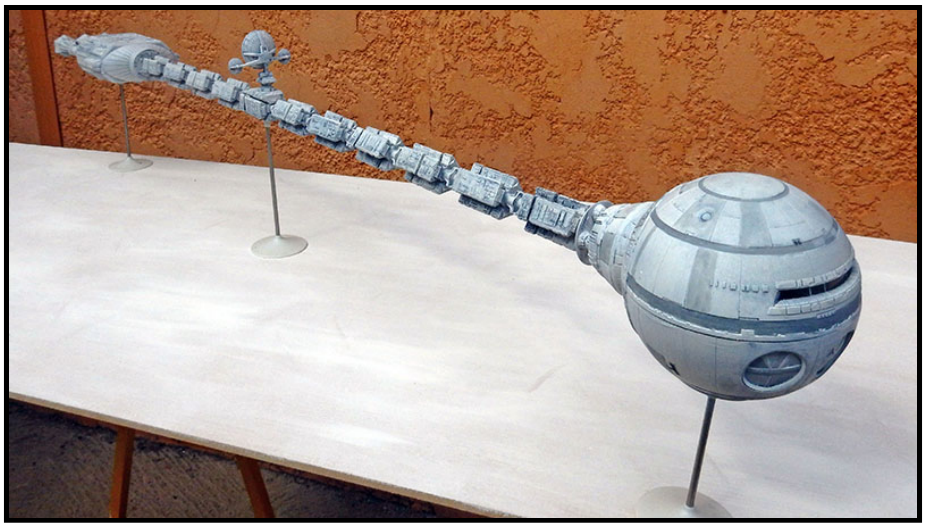
Painting



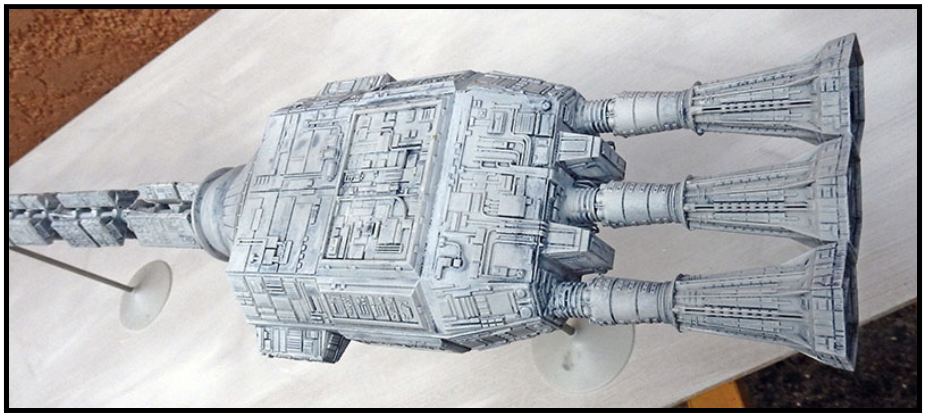
After applying the essential white primer to cover up imperfections, apply a coat of white...



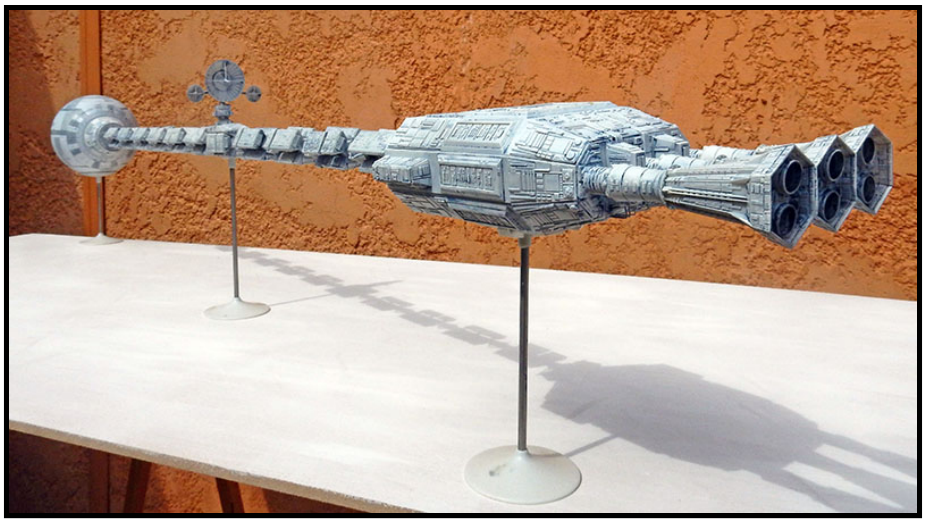




The sphere features panels and exit hatches in various shades of gray, all of which are hand-painted...



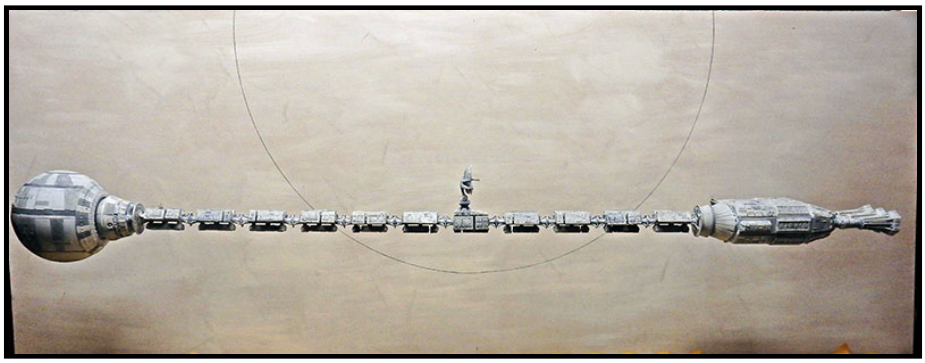
The entire model is then coated with a 70% Payne's Gray wash—Windsor & Newton (oil)—and certain flat surfaces are immediately wiped clean. This brings out all the small details...



Black pastel will simulate the soot coming out of the engines...



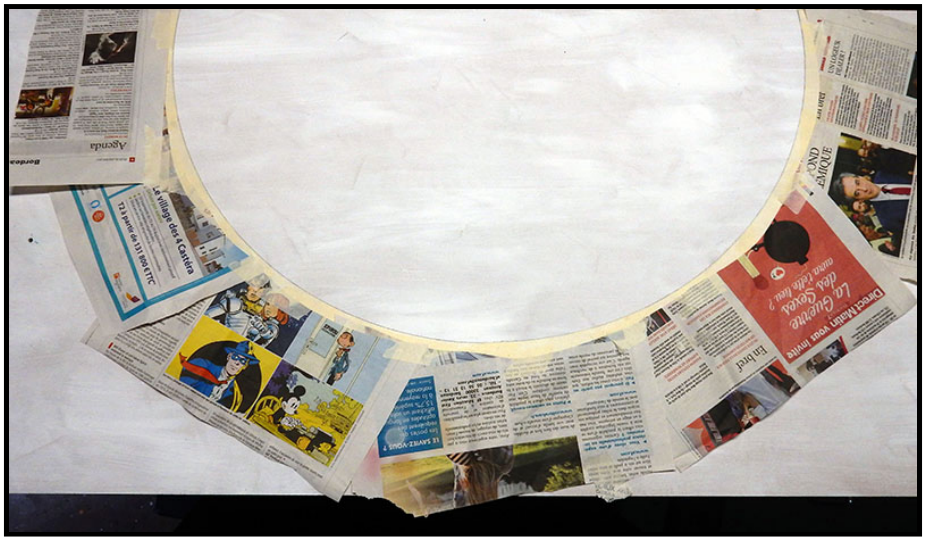
The Setting



It will be the same size as the model. A 6-mm-thick MDF panel measuring 1.30 m x 0.50 m...

The hemisphere of Jupiter measures 0.67 m. The panel is painted with white Gesso paint for canvases...

Tip: To draw a circle—if you don't have a very large compass—take a pencil, tie a string to it that's as long as the circle's radius, and draw the circle...



First, paint the planet. Then mask off the area you don't want painted...



The painting is done in acrylic—using a brush and airbrush—based on various photographs...

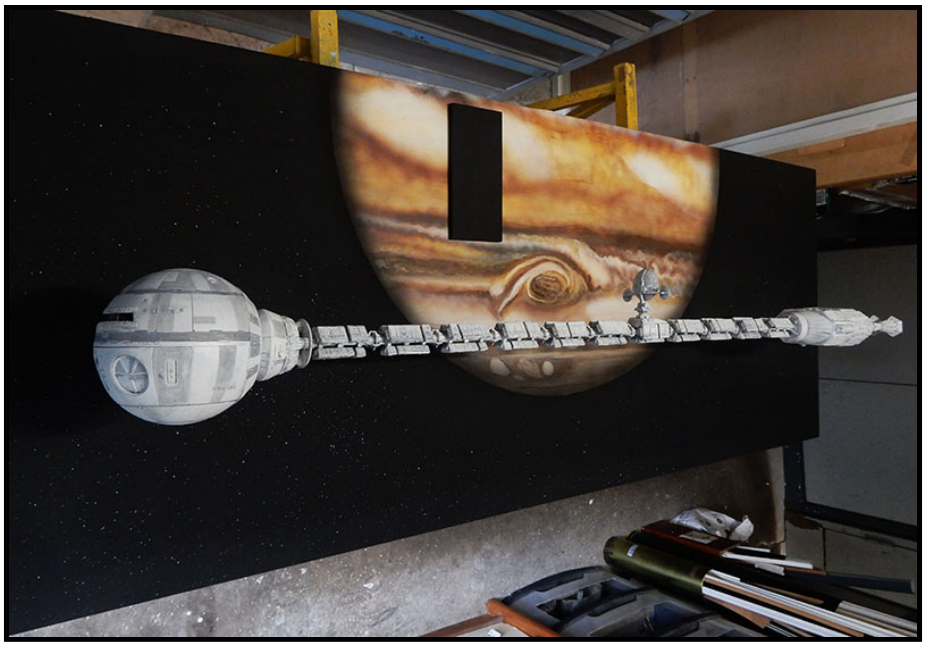


Then, we cover the planet with a mask, and paint the background—in this case, with a spray can, in matte black...

Then, white, blue, and yellow paint will be brushed on to simulate distant stars that are invisible in the photos...



Some adjustments are being made to Jupiter's surface (we still can't see the stars)... We finish by adding a shadow around the celestial body to make it look more realistic...



The black monolith, made of plastic card, is glued to the bottom...

The black monolith, made of plastic card, is glued to the back...

The model will have a Plexiglas cover and will be hung like a painting...

Model of the Discovery One spacecraft in a diorama in front of Jupiter, with the black

Click HERE for direct access to the gallery...