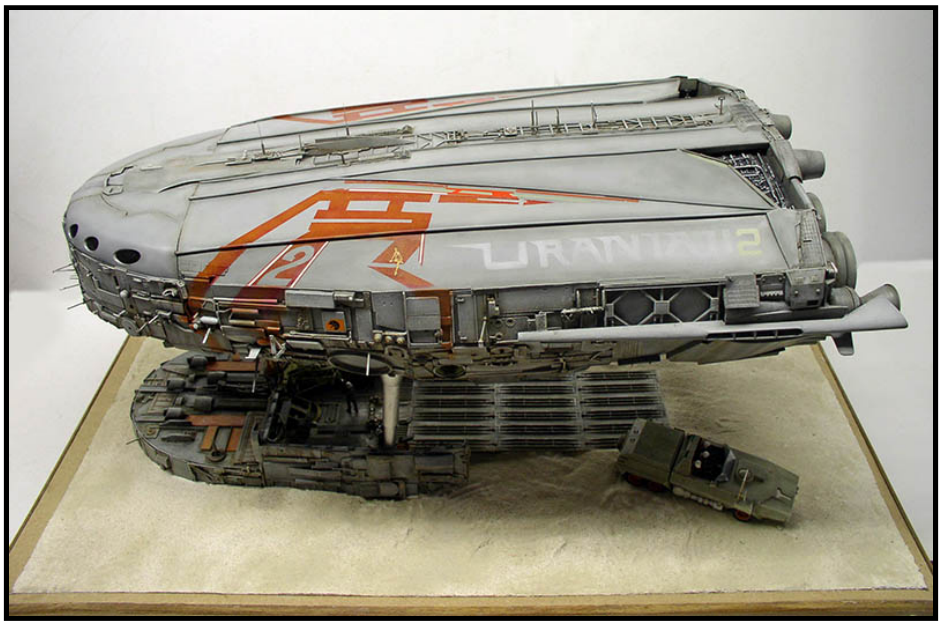


Space Freighter - 1/48 scale

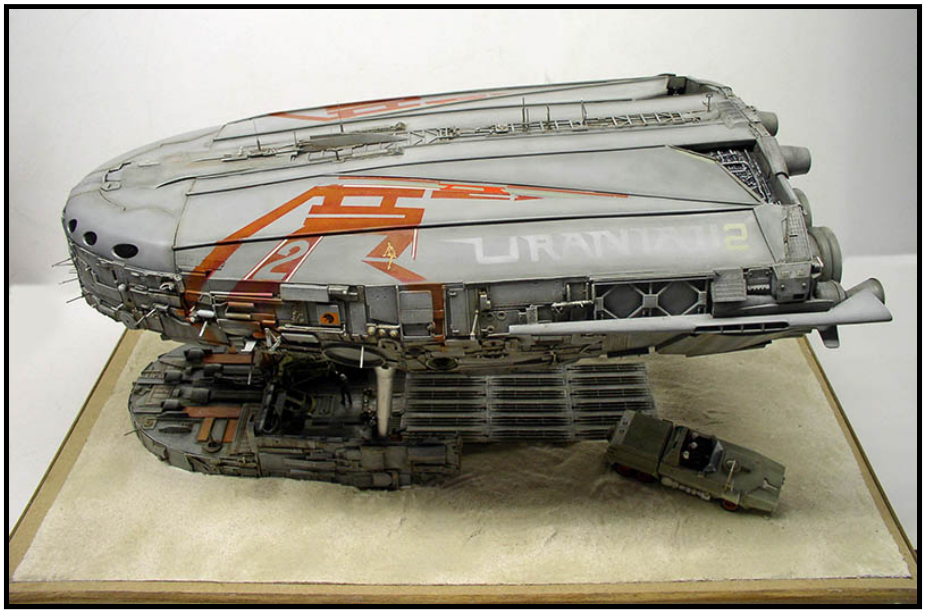
25/02/2016 — Advanced Techniques

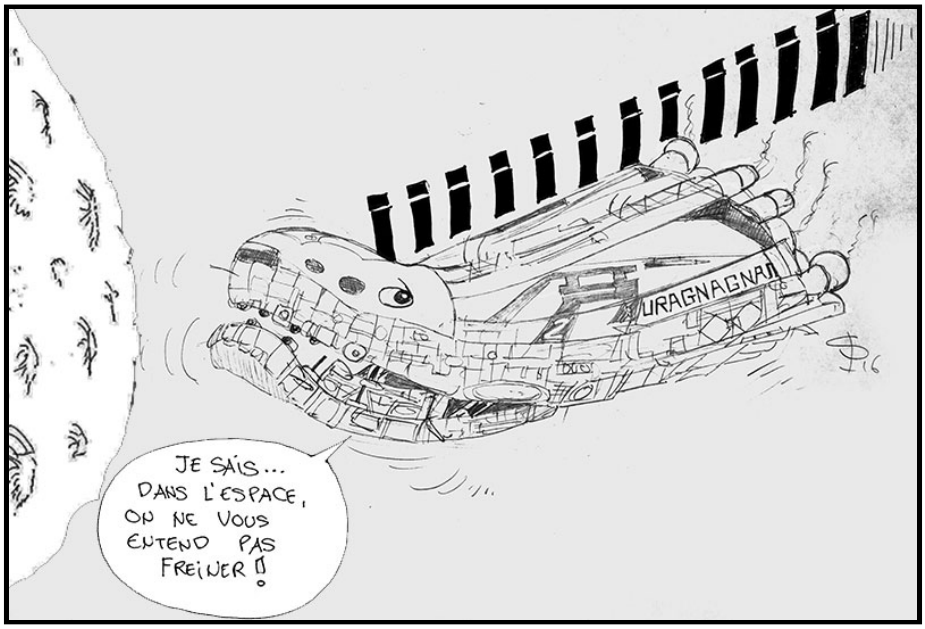


Contents

1. Design
2. The removable wedge
3. Paint Primer
4. Accessories
5. Finishes
6. Painting
7. The Setting
8. Logos

Inspiré des tableaux des peintres de sci-fi des années 1970 - 90 notamment Chris FOSS... Faire un vaisseau spatial qui ne ressemble pas à un sèche-cheveux ou à... rien... Le défi était relevé. Des images d'illustrateurs des années 1970 et quelques...

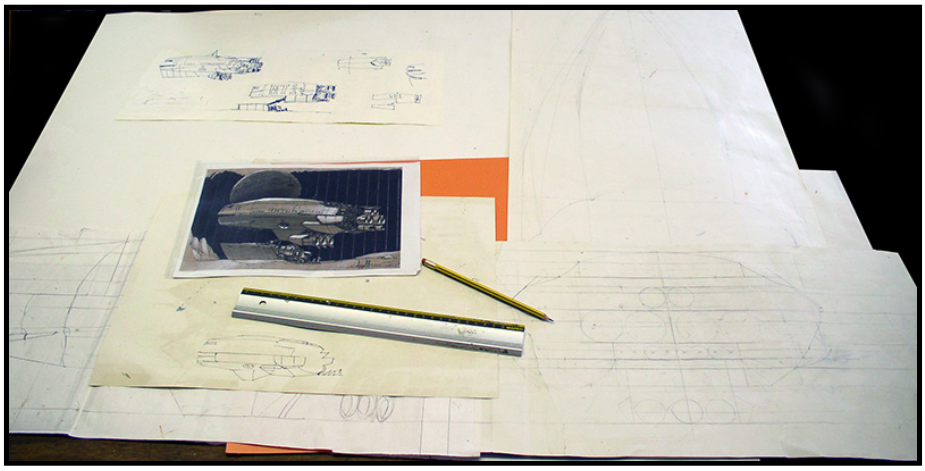




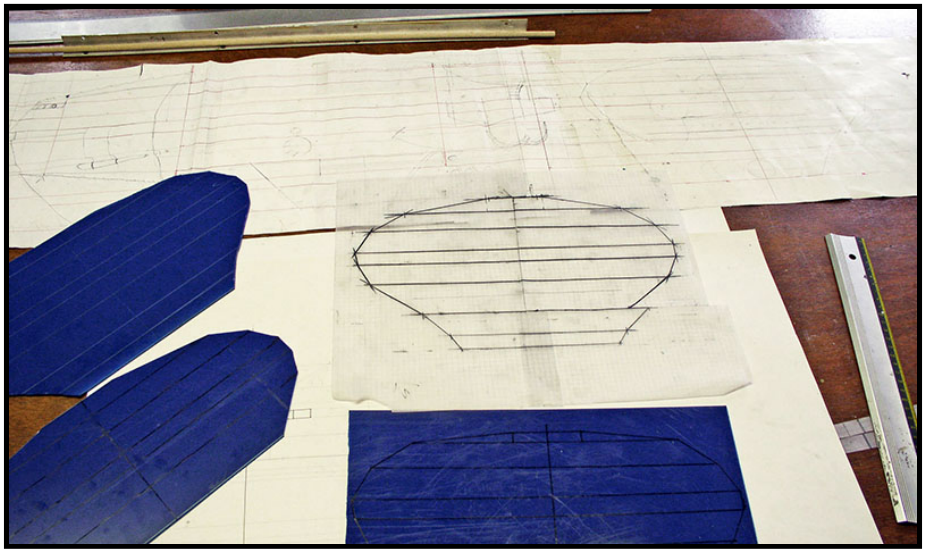
A collection of illustrations of space cargo ships that served as inspiration for the pro

Inspired by the paintings of sci-fi artists from the 1970s through the 1990s, notably Chris FOSS...

Inspiré des tableaux des peintres de sci-fi des années 1970 - 90 notamment Chris FOSS...

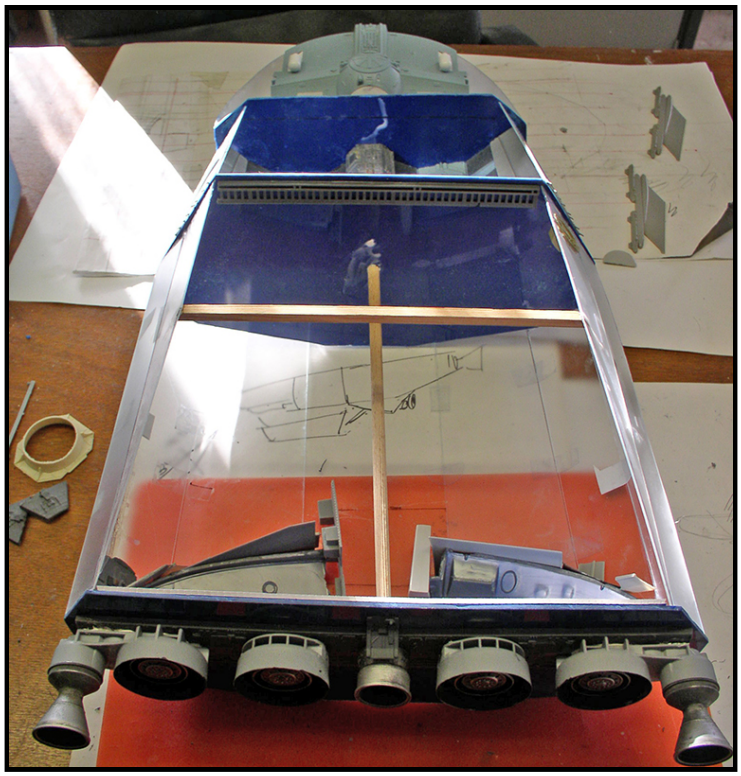


Build a spaceship that doesn't look like a hair dryer or... anything... The challenge was on. Images from 1970s illustrators and a few sketches helped us form an initial idea. First of all, we need blueprints. At least a cross-section and a rear view to determine the placement of the engines...

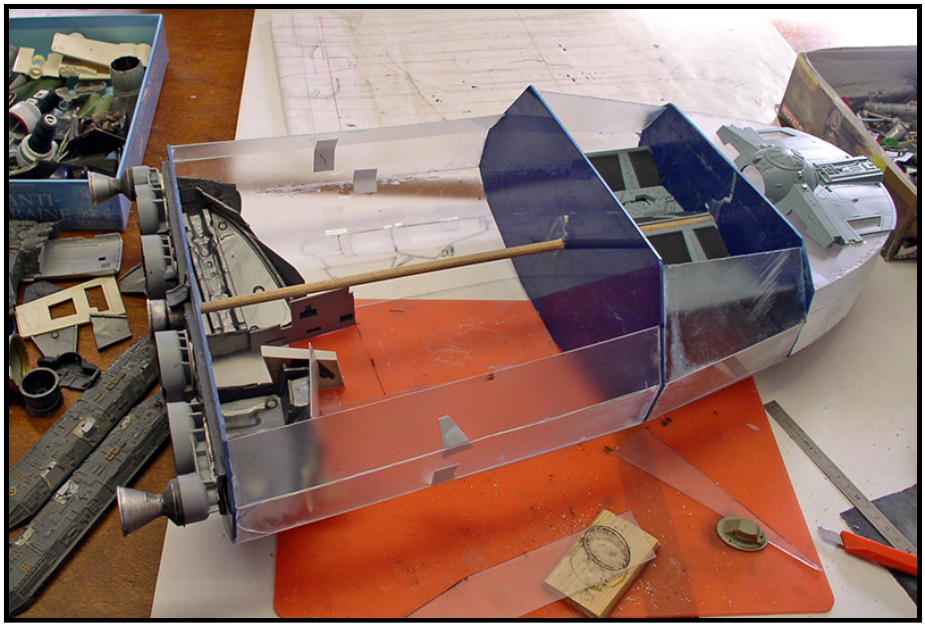


Three cutouts made from thick plastic card will serve as templates for the entire project...

Trois découpes faites dans de la carte plastique épaisse serviront de gabarits à l'ensemble...



Wooden rods will serve as the "backbone" to hold the plastic walls in place.



The first pieces are arranged and glued in place...



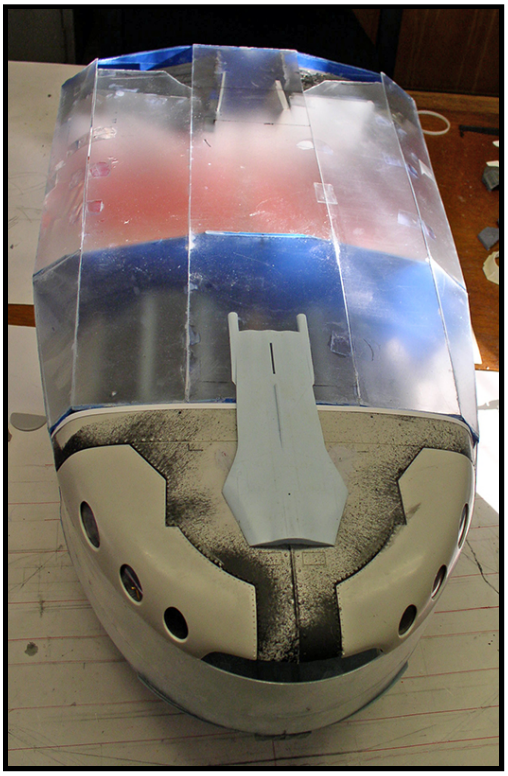
A space for an airlock has been cut out; the piece on the right will fit into it...

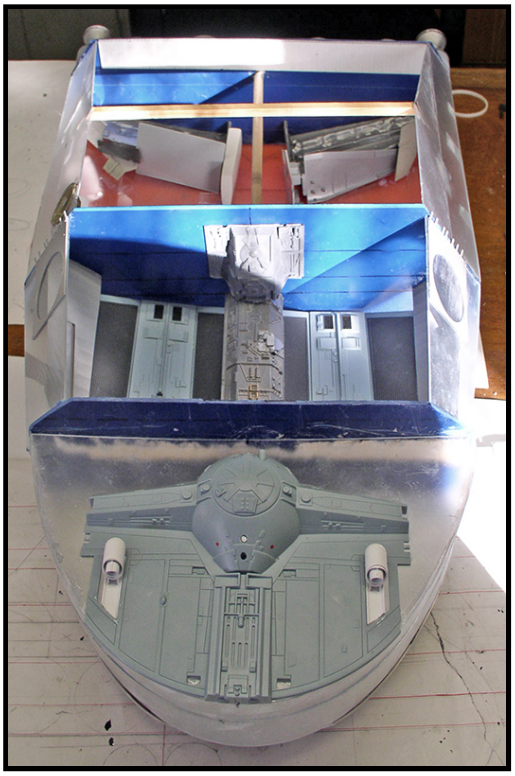
L'emplacement d'un sas est découpé, la pièce à droite viendra s'y loger...



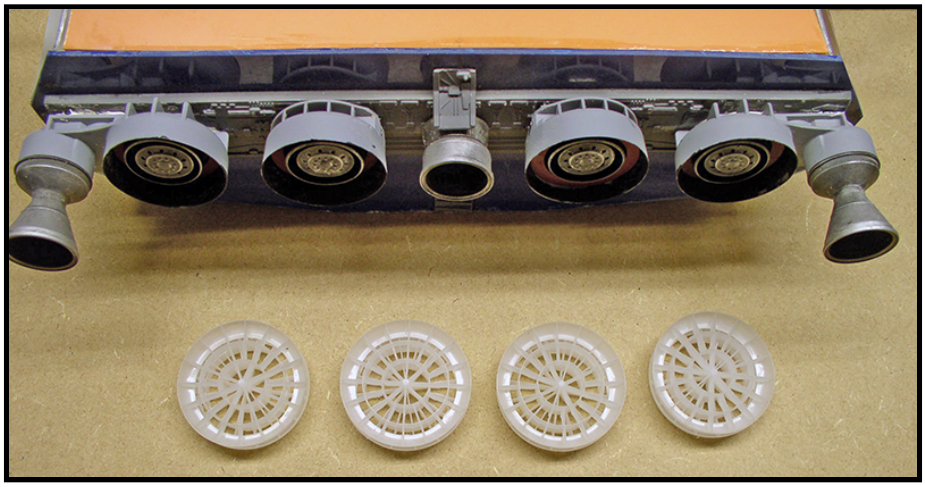
The shape of the "nose" and the cockpit has been finalized...

La forme du "nez" et du poste de pilotage est définie...

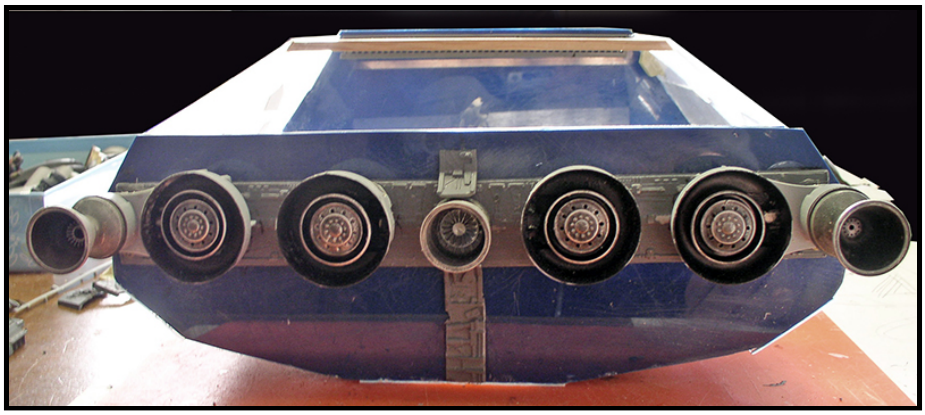




...As well as the general shapes...



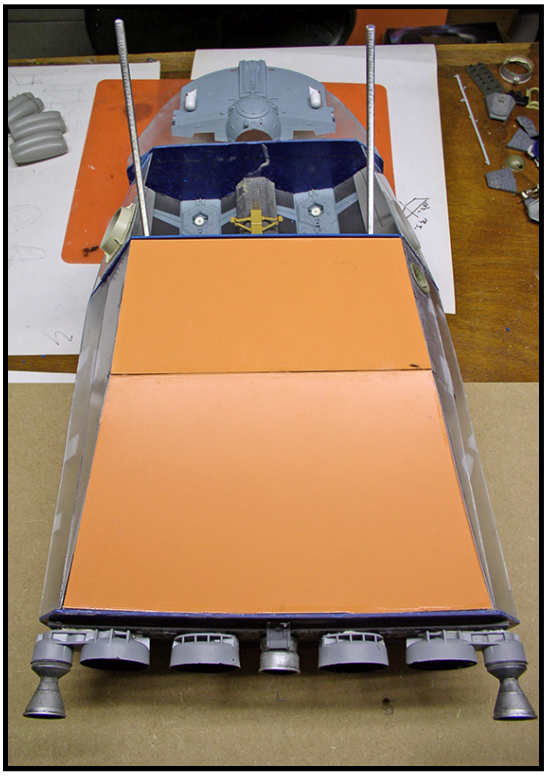
The main reactors are made from chemical anchors. The protective covers are cappuccino pods with the filters removed. The side nozzles are 1/6-scale Formula 1 wheel rims...

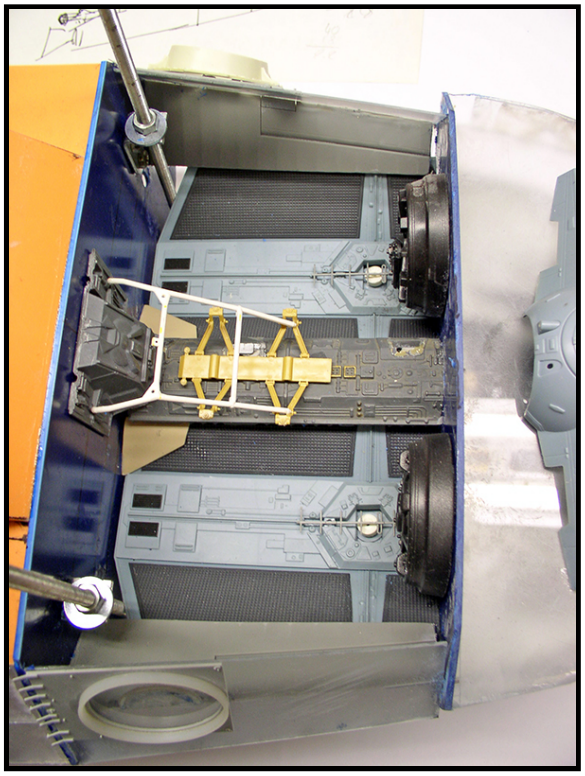


Another view...

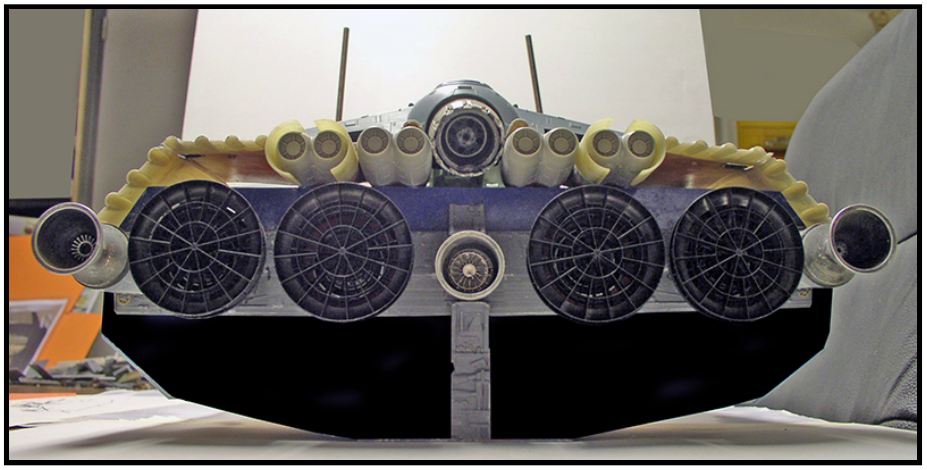


The vessel will be placed above the ground with its hatch open. Jacks will hold it aloft. Threaded rods secured to brackets with screws, washers, and nuts will form a solid base...



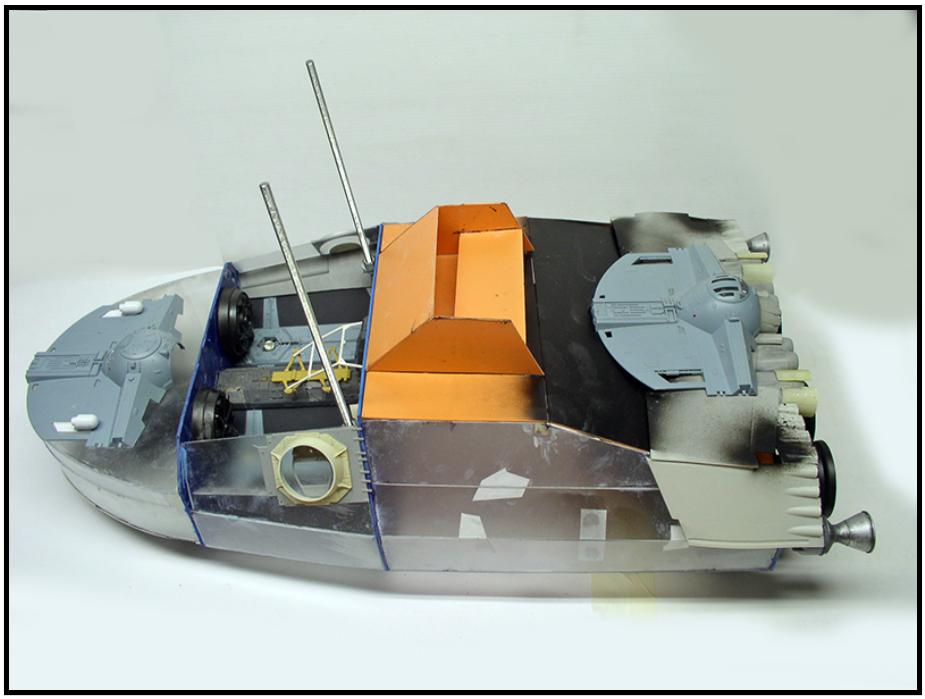


More views...



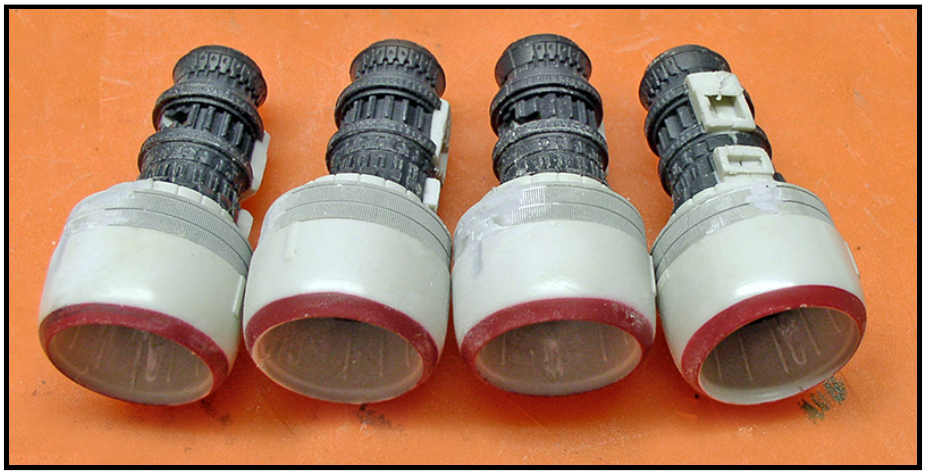
Addition of additional engines (B-52 parts)...

Ajout de réacteurs supplémentaires (pièces de B52)...



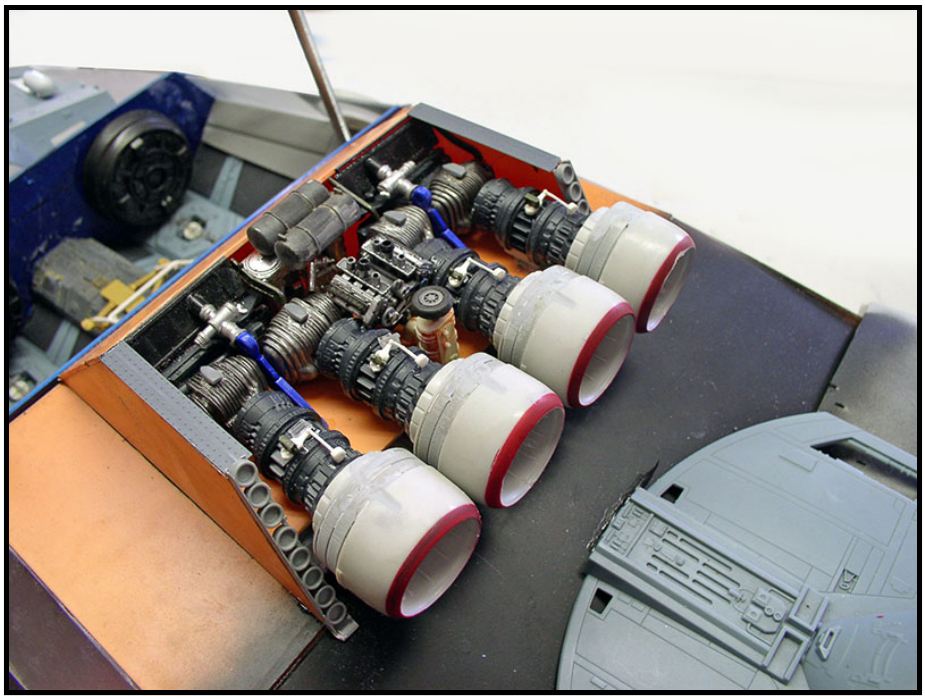
A view from below. Manufacturing the thrust reactor housing...

Une vue de dessous. Fabrication du caisson des réacteurs de poussée...



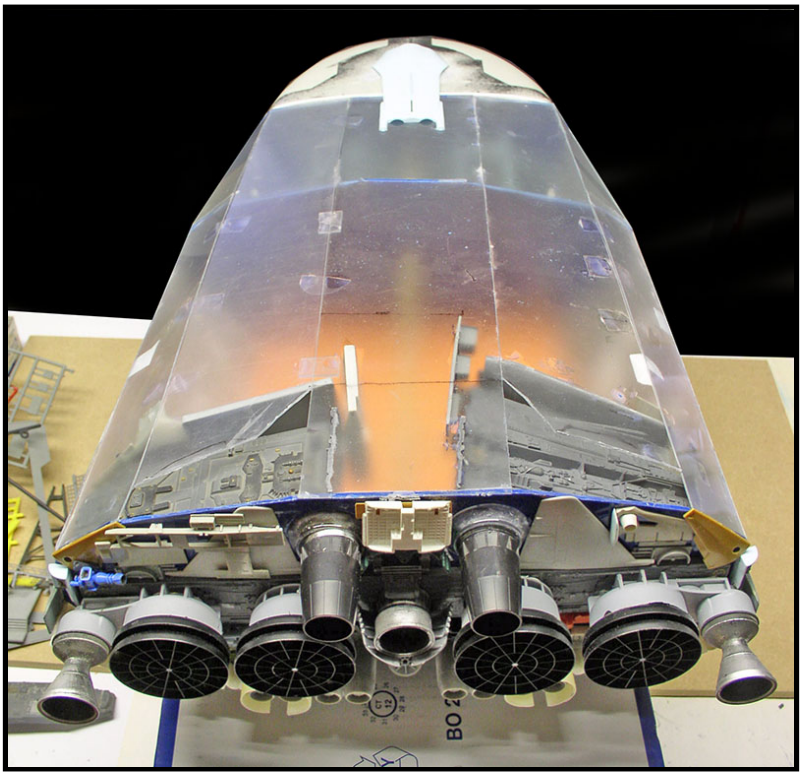
These are borrowed from Star Wars...

Ceux-ci sont empruntés chez Star-Wars...



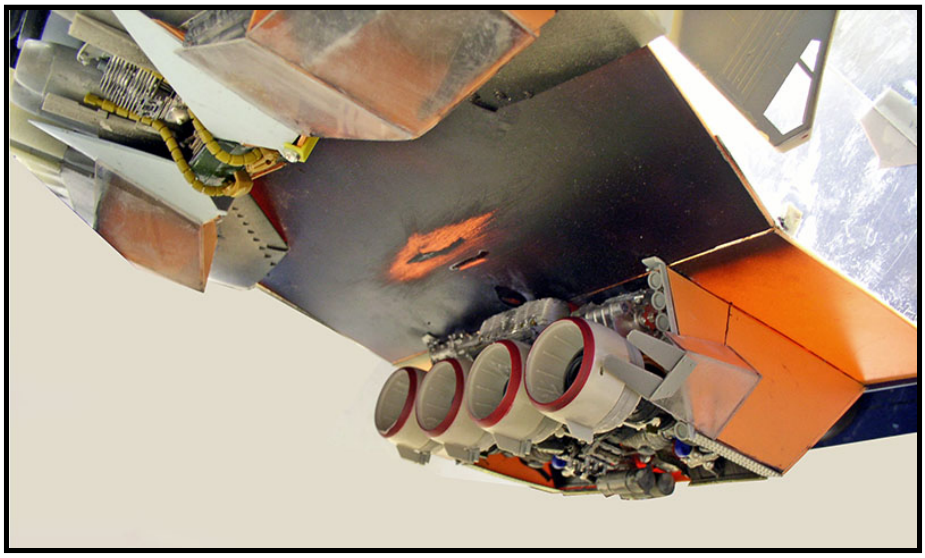
Setup. Large-scale motorcycle parts will complete the display...

Mise en place. Des pièces de motos à grosse échelle viendront compléter l'ensemble...



We're continuing to add details to the rear facade...

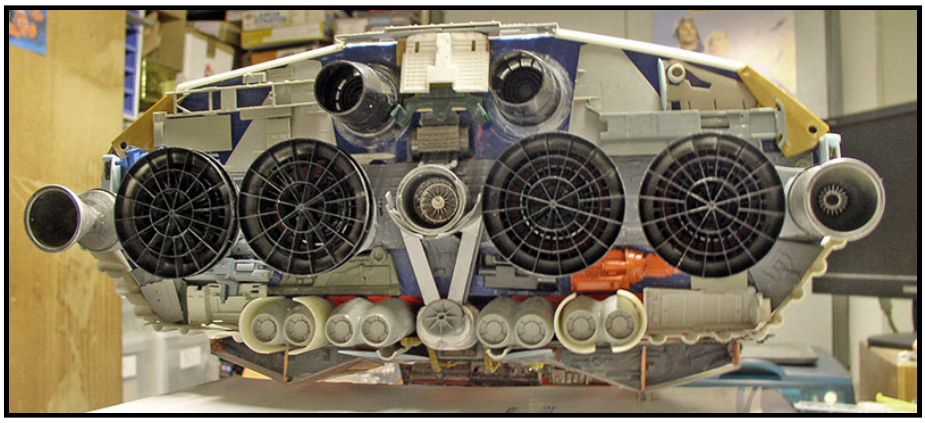
On continue le détaillage de la façade arrière...

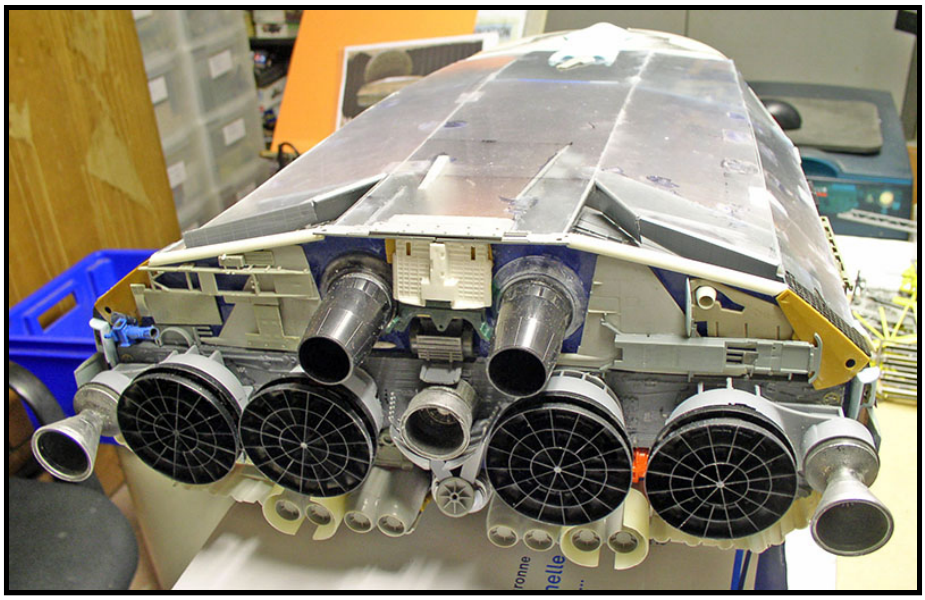


The thrust reactors in position...

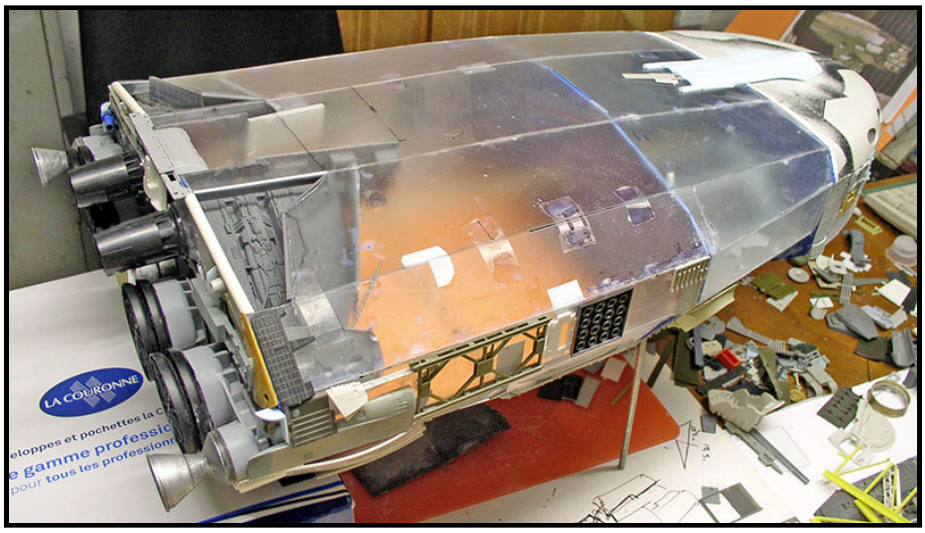
Les réacteurs de poussée en position...

Design



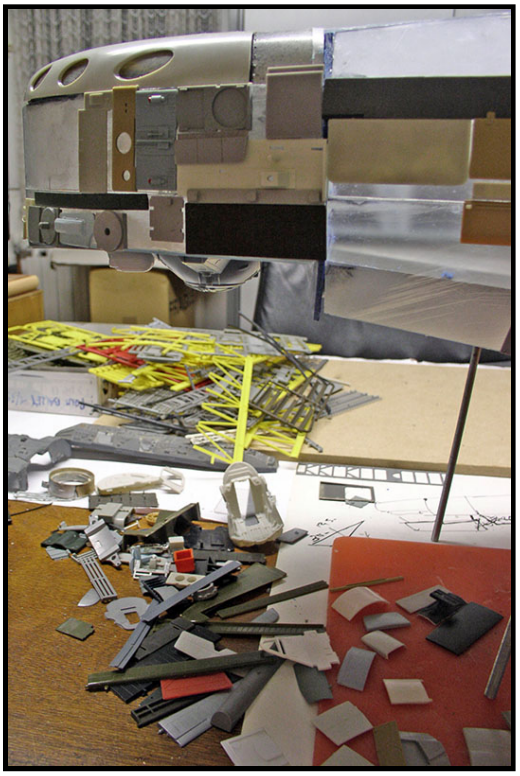


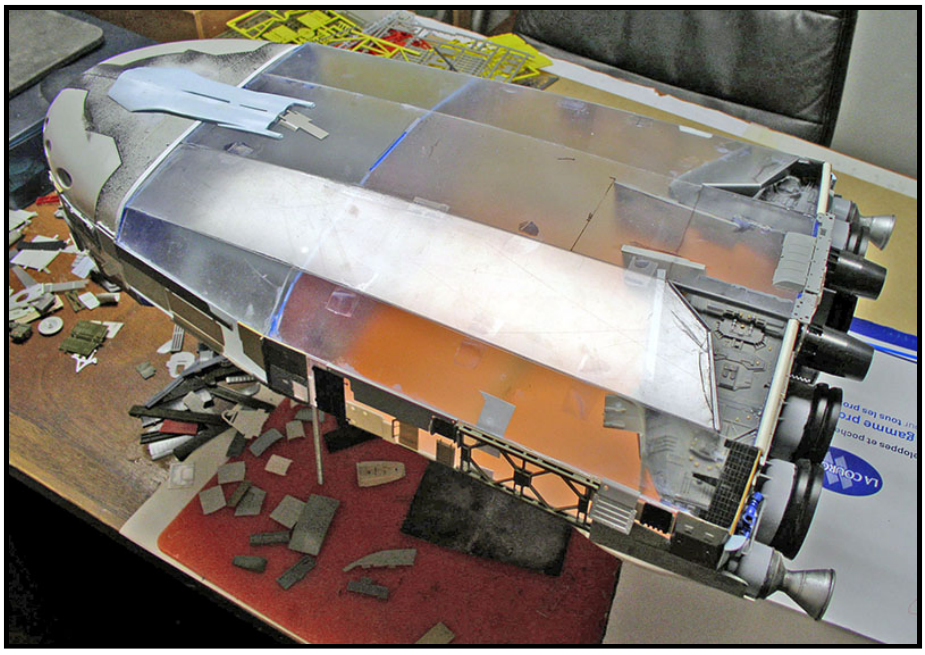
Two views of the rear facade, which is taking shape...

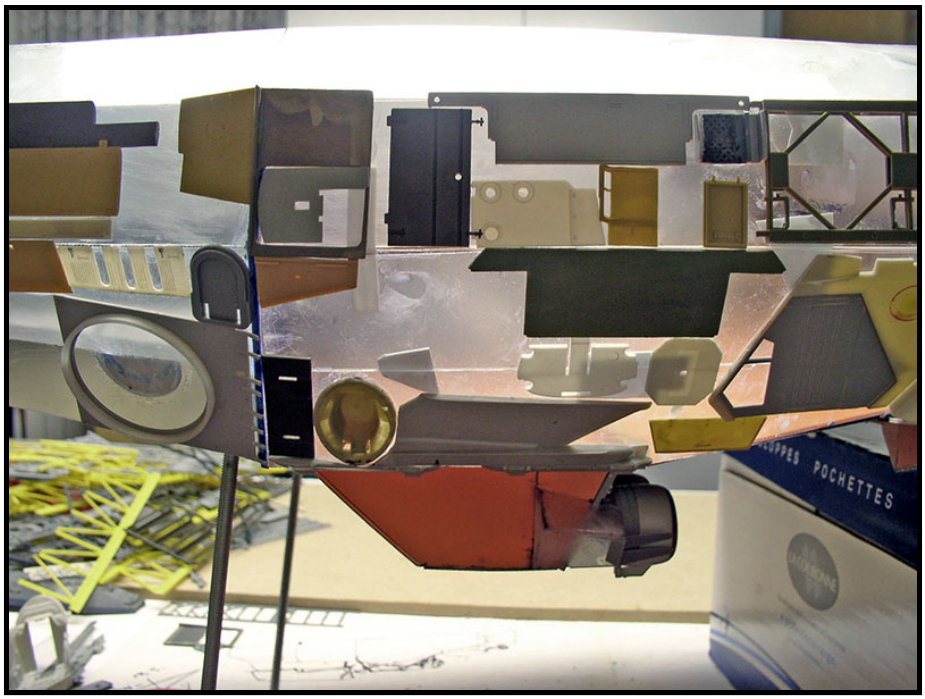


Let's continue detailing the aircraft around the perimeter...

On continue le détaillage de l'appareil par le pourtour...

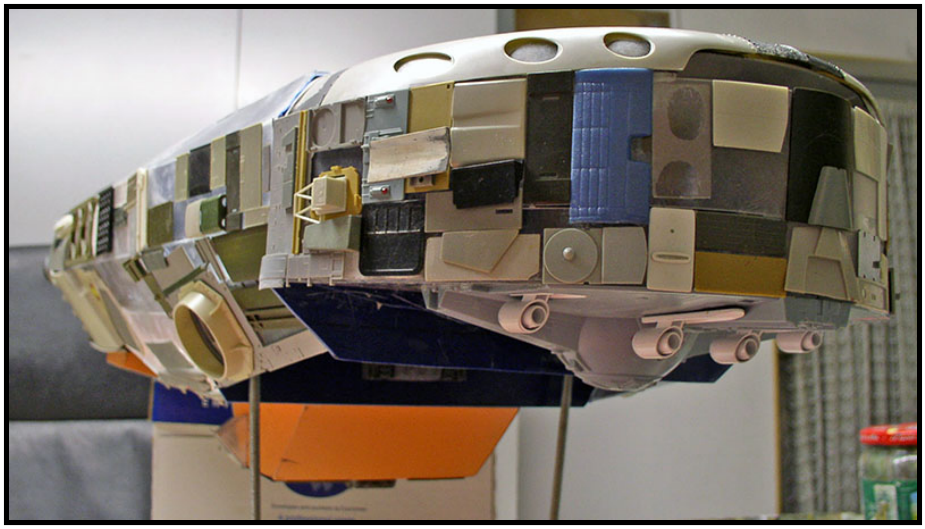






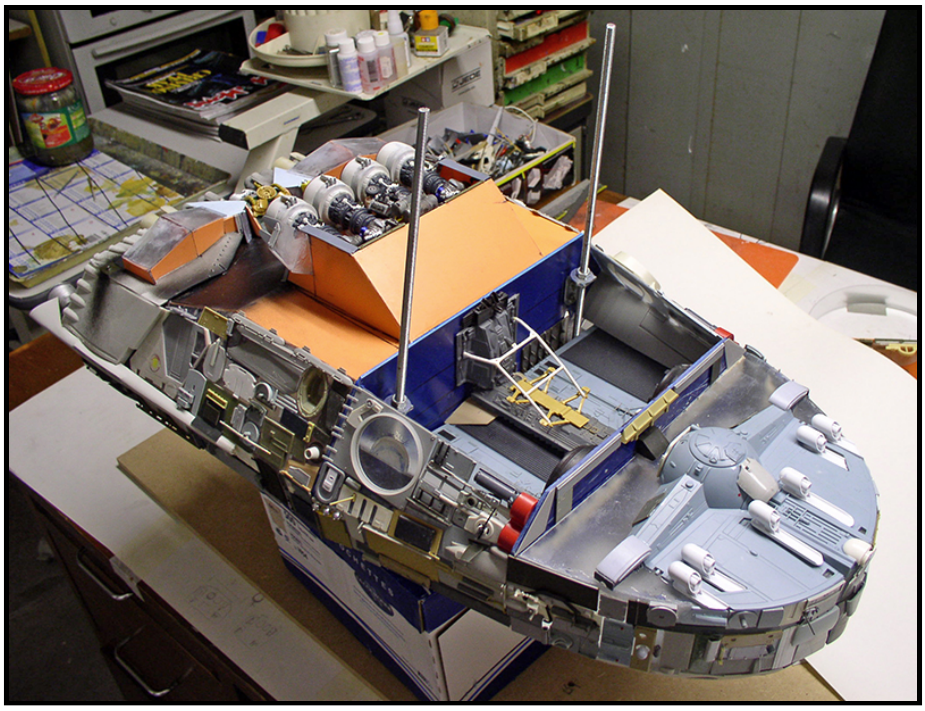
That's the concept behind the models from the first Star Wars movies.

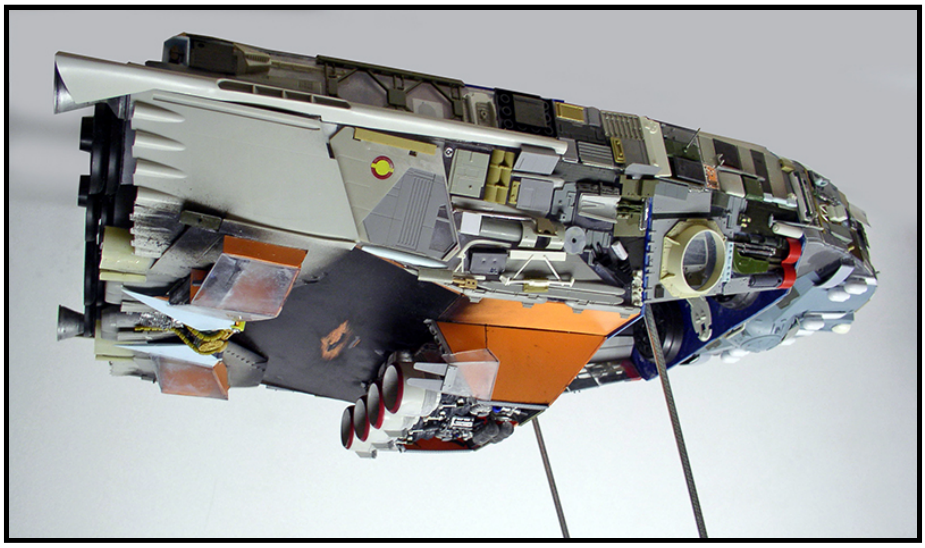
The main body is made from wood and plastic, and then detailed using dozens of parts from various model kits...



A view of all the glued-together pieces...

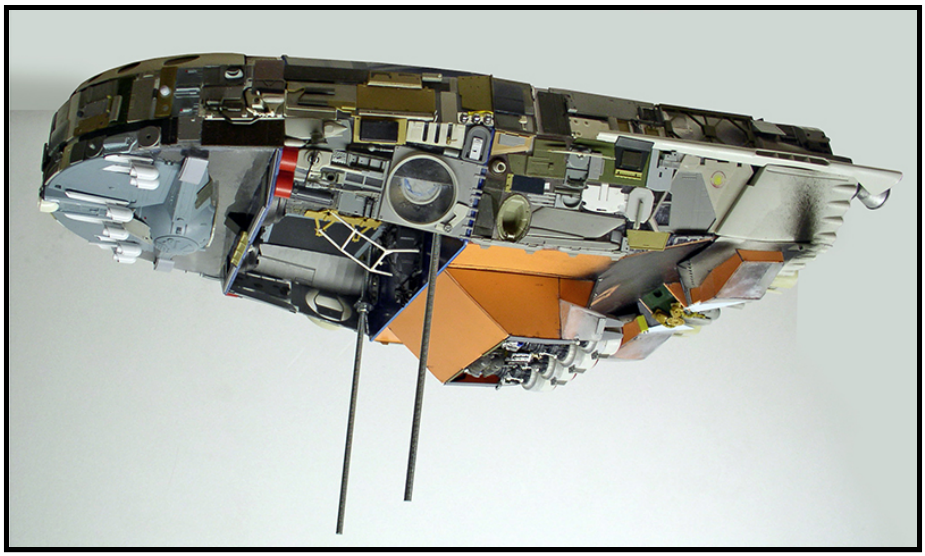
Une vue de l'ensemble des pièces collées...

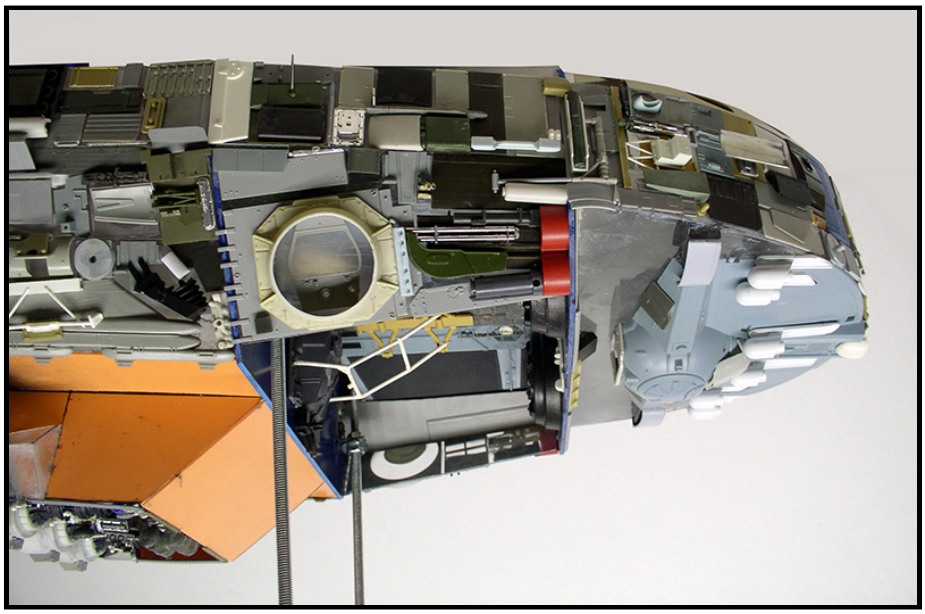


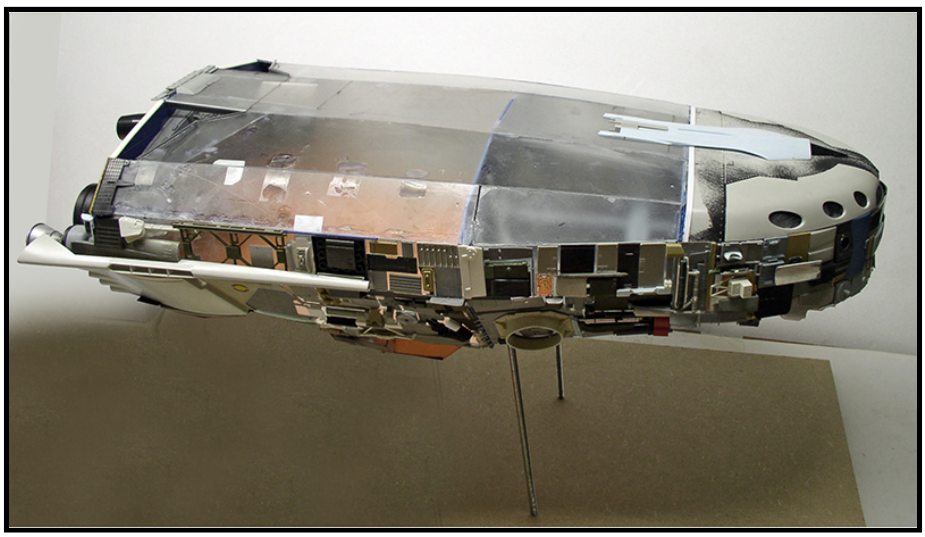


The main assembly is complete... Note that the craft is 70 cm long...

Le détaillage principal est terminé... A noter que l'engin atteint les 70 cm de long...

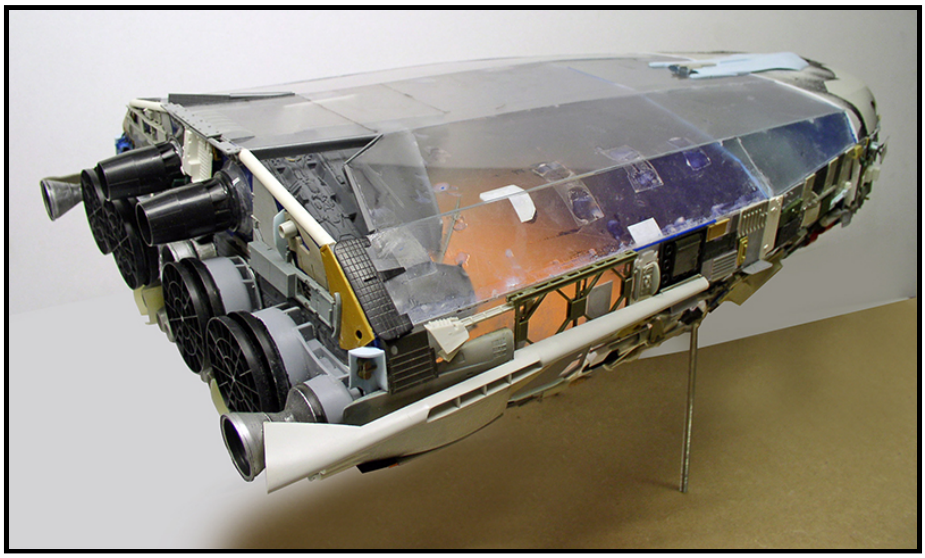


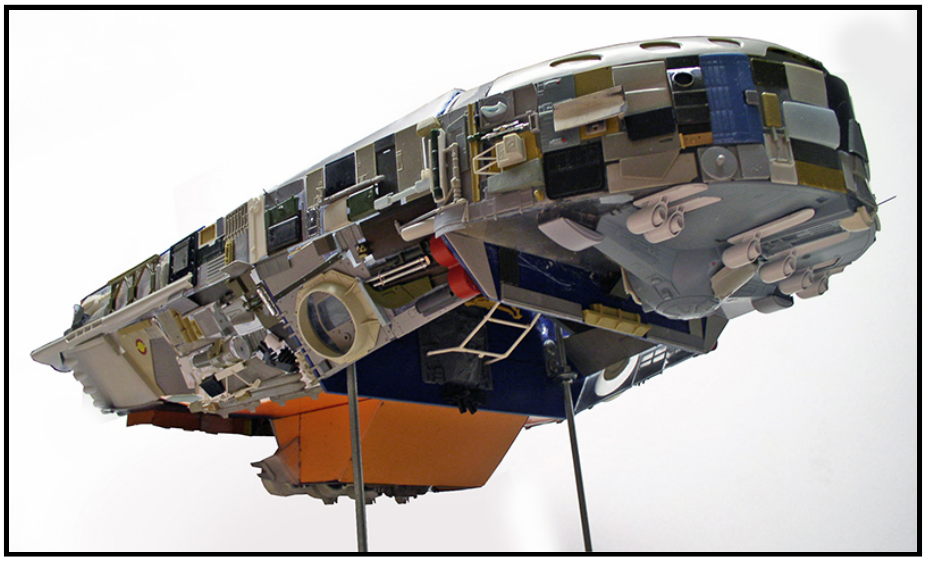




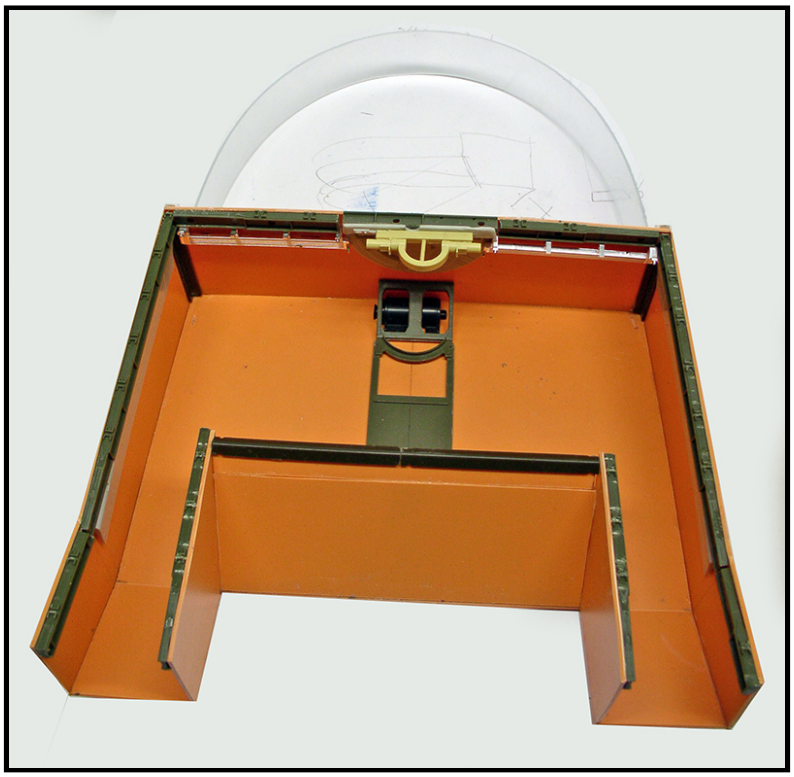
More views...

Autres vues...

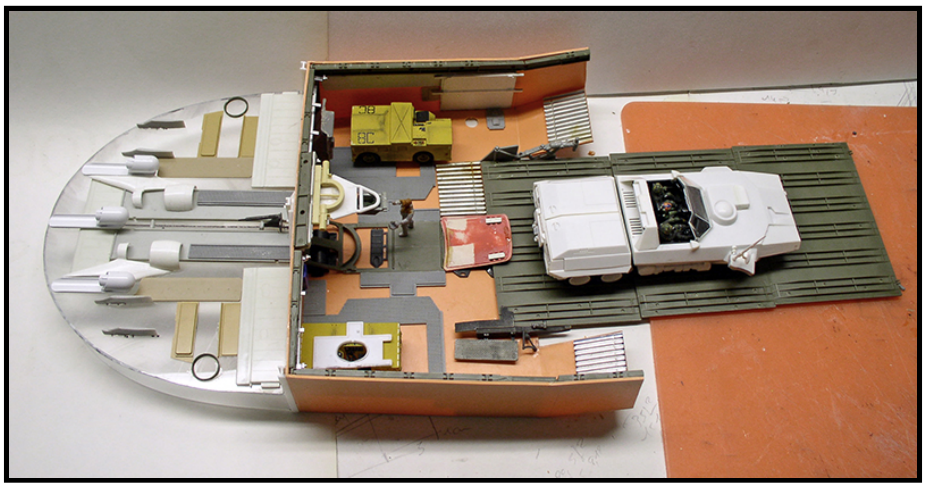




The removable wedge

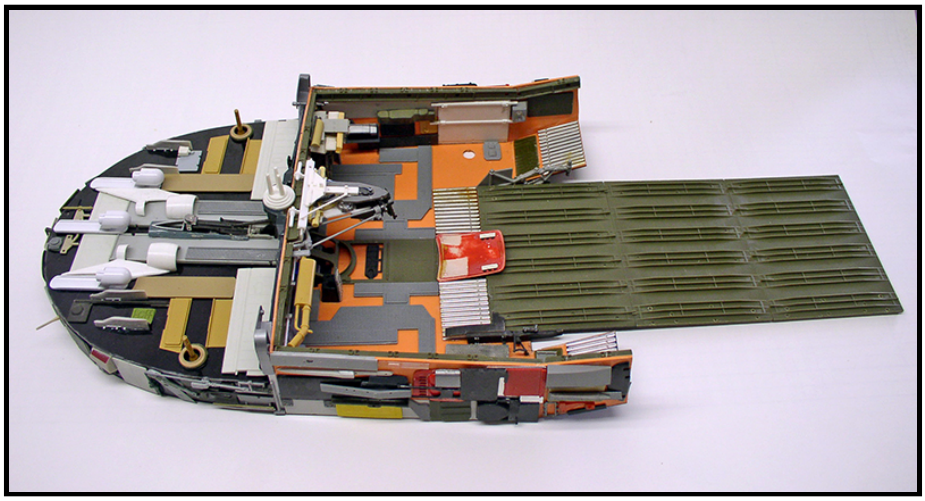


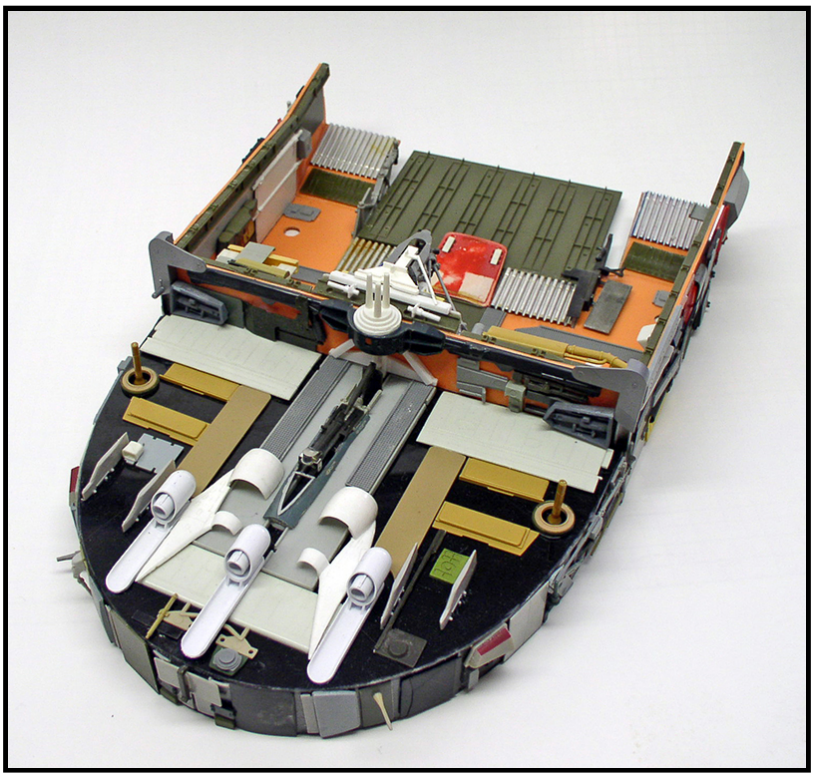
The spacecraft's removable ramp lowers equipment to the ground using its retractable jacks. It is made of plastic...

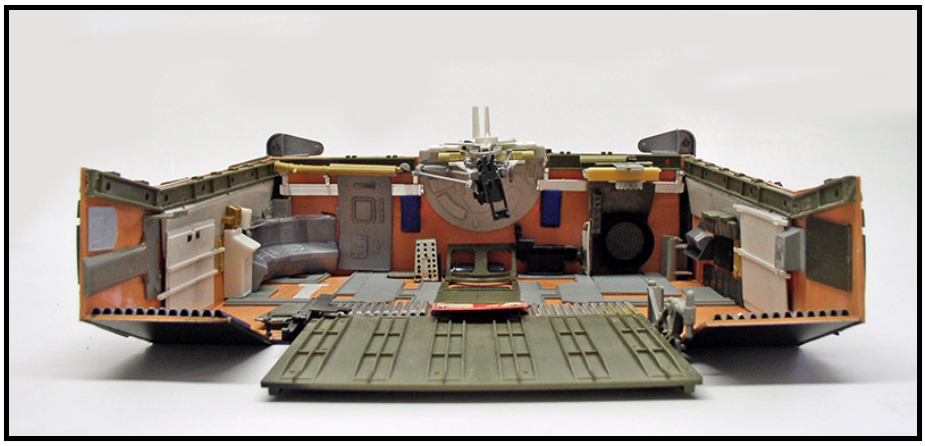


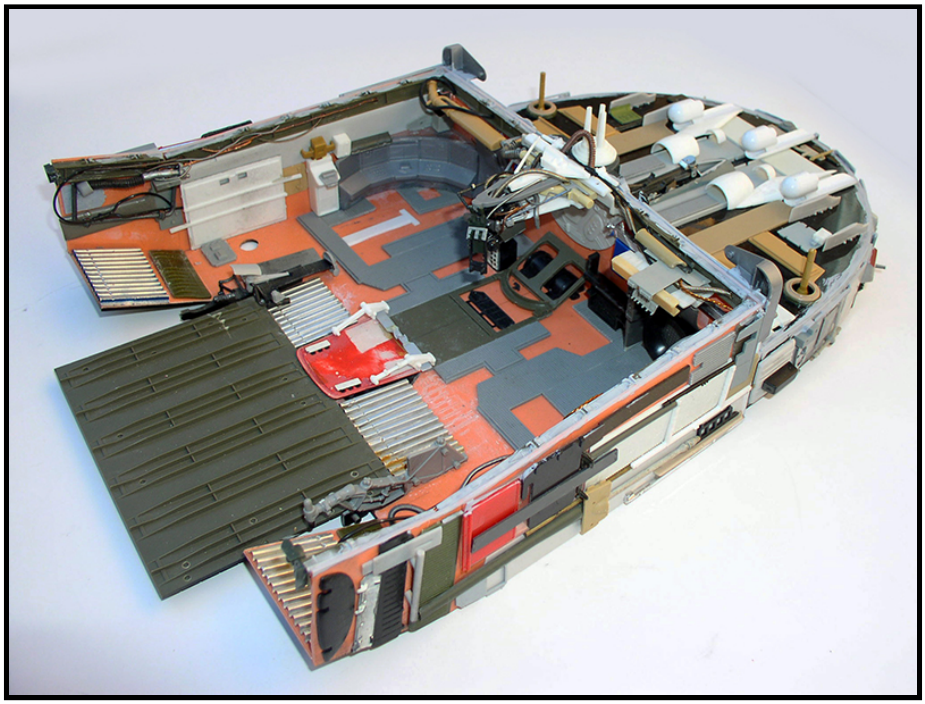
It is also illustrated with various parts...

Elle est aussi détaillée à l'aide de pièces diverses...



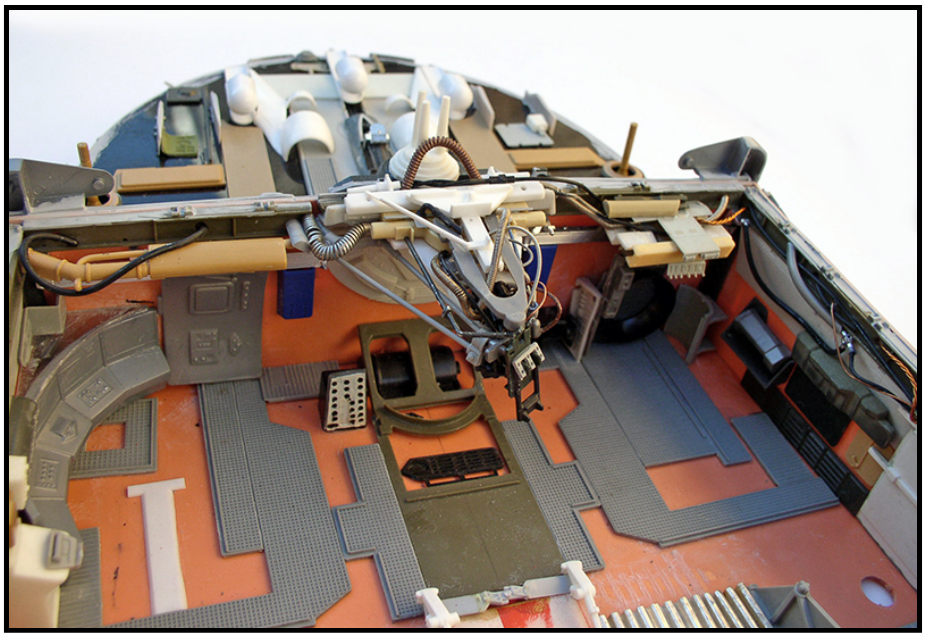






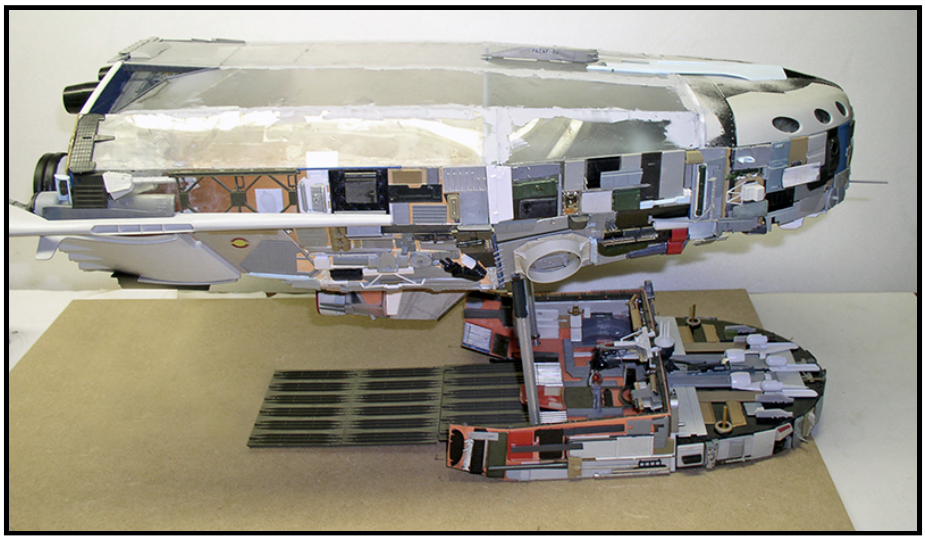
We're adding wiring around the perimeter...

On ajoute du câblage sur le pourtour...



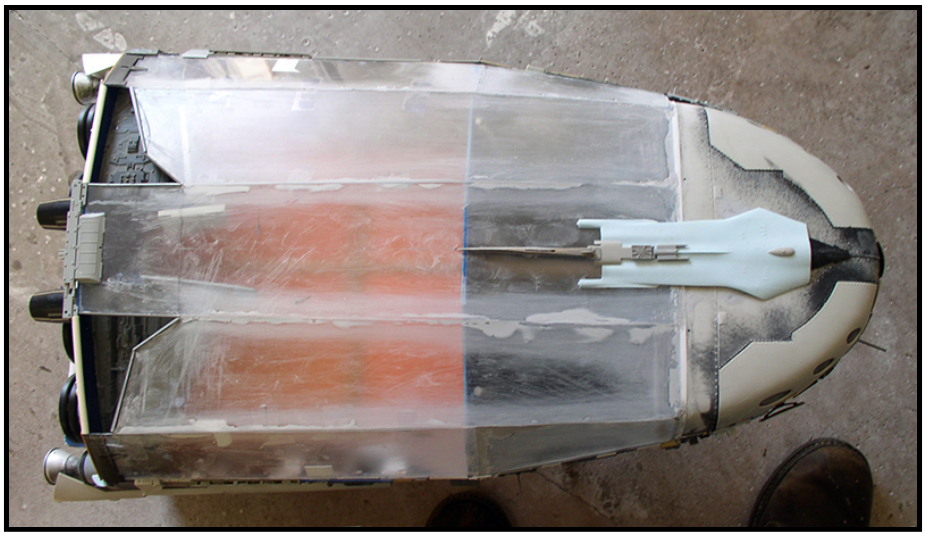
Details...

Détails...



A view of the hold laid out on the ground...

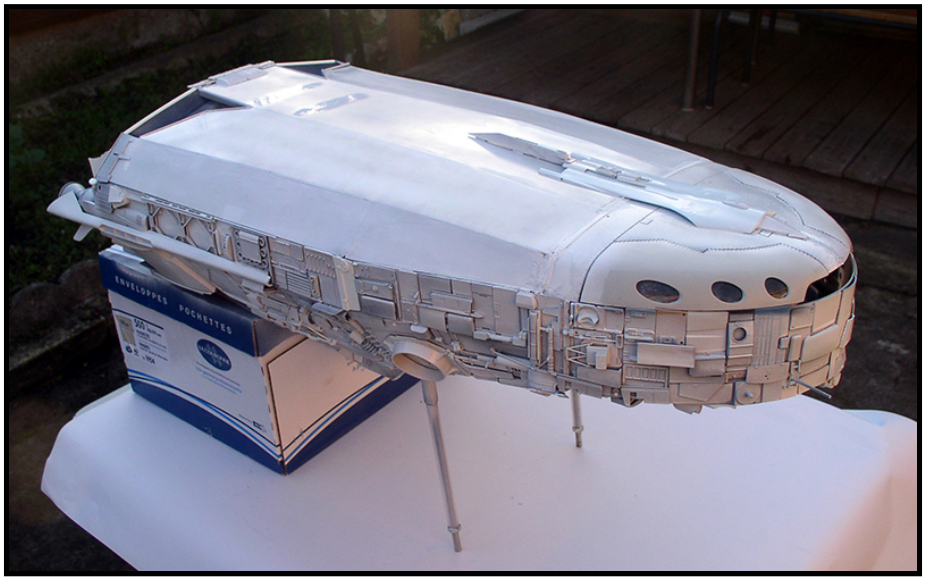
Une vue de la cale déposée au sol...



The smooth surfaces and edges are sanded...

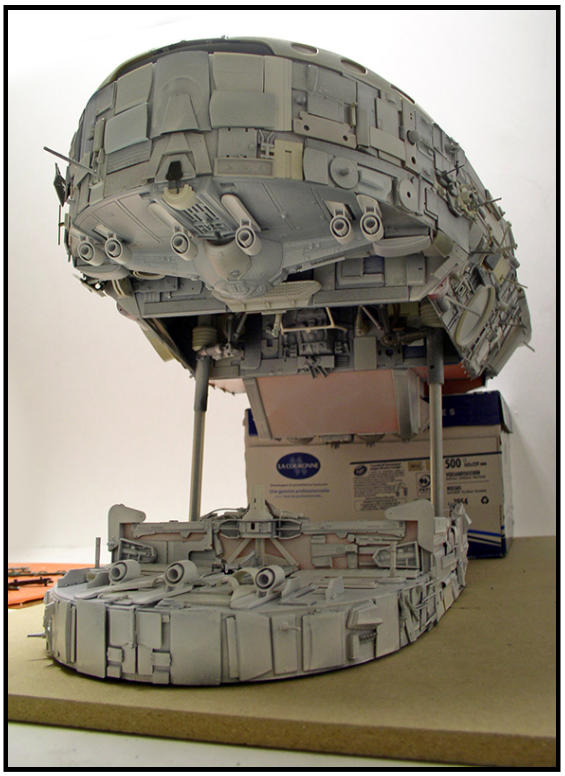
Les parties lisses et les arêtes sont poncées...

Paint Primer



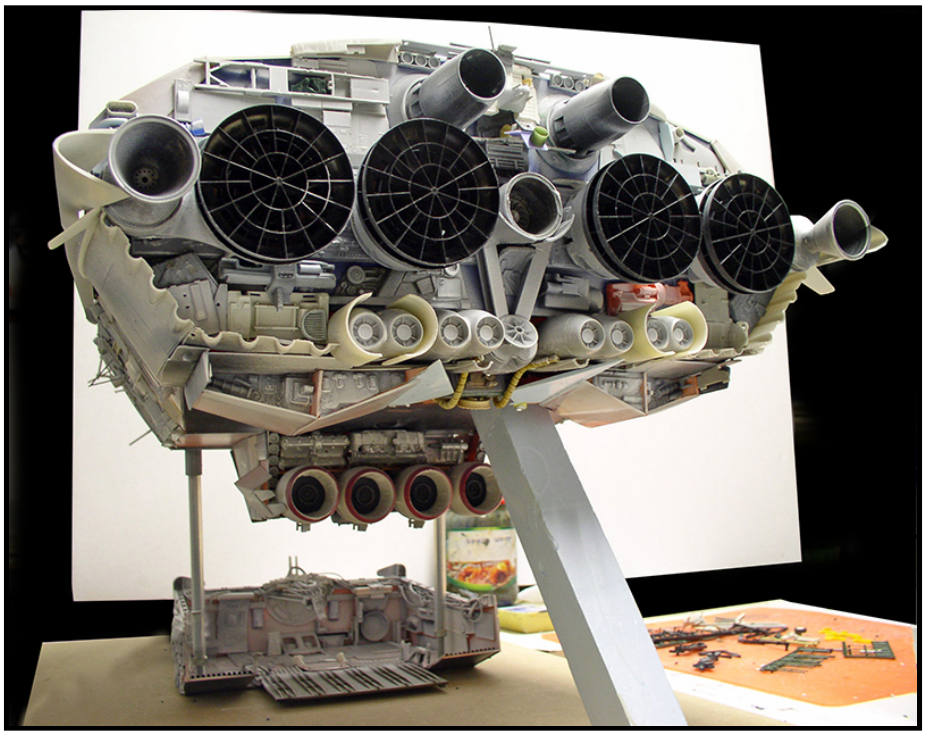
Initial primer coats and successive sanding sessions...

Premiers essais de peinture d'apprêt et ponçages successifs...



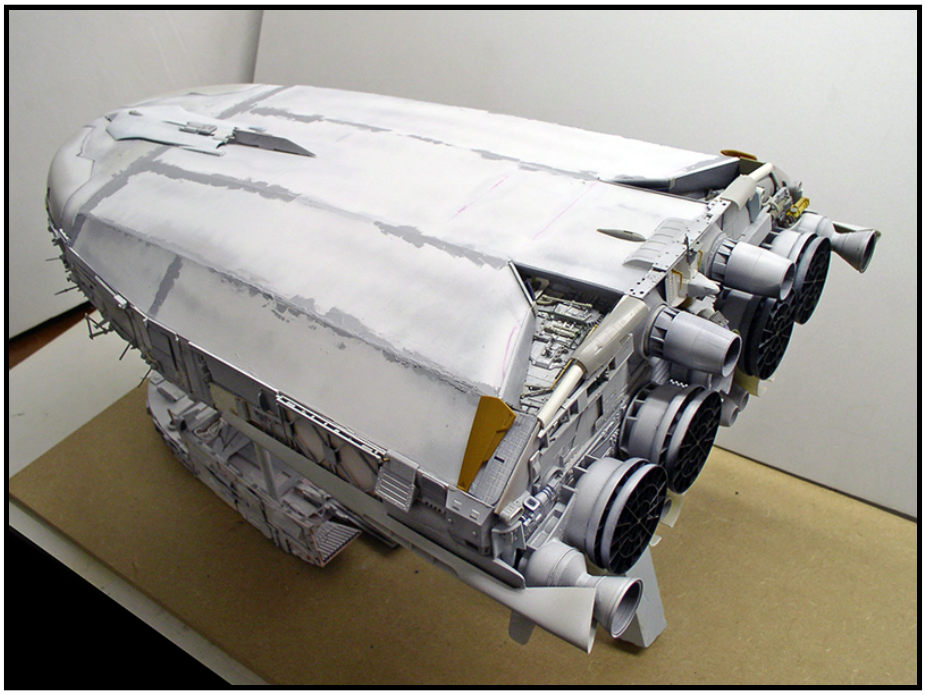
View from below...

Vue de dessous...



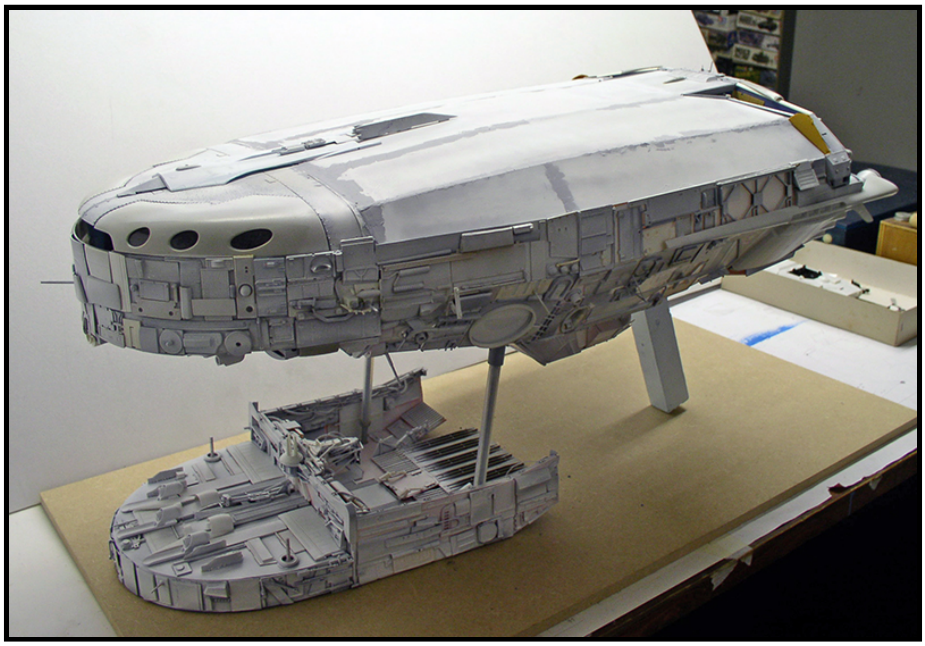
Rear view...

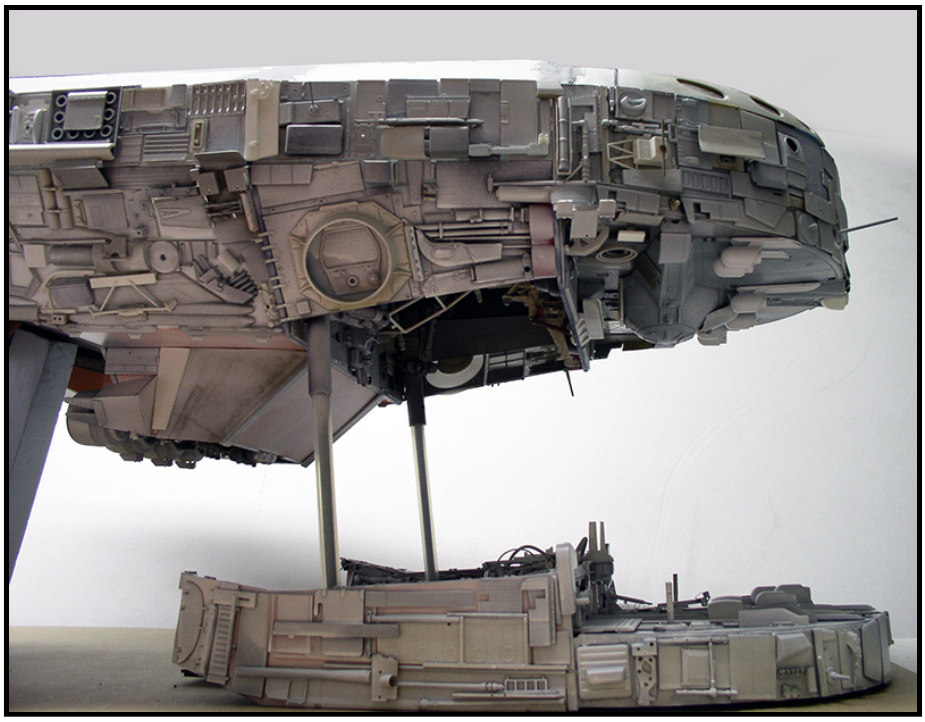
Vue arrière...

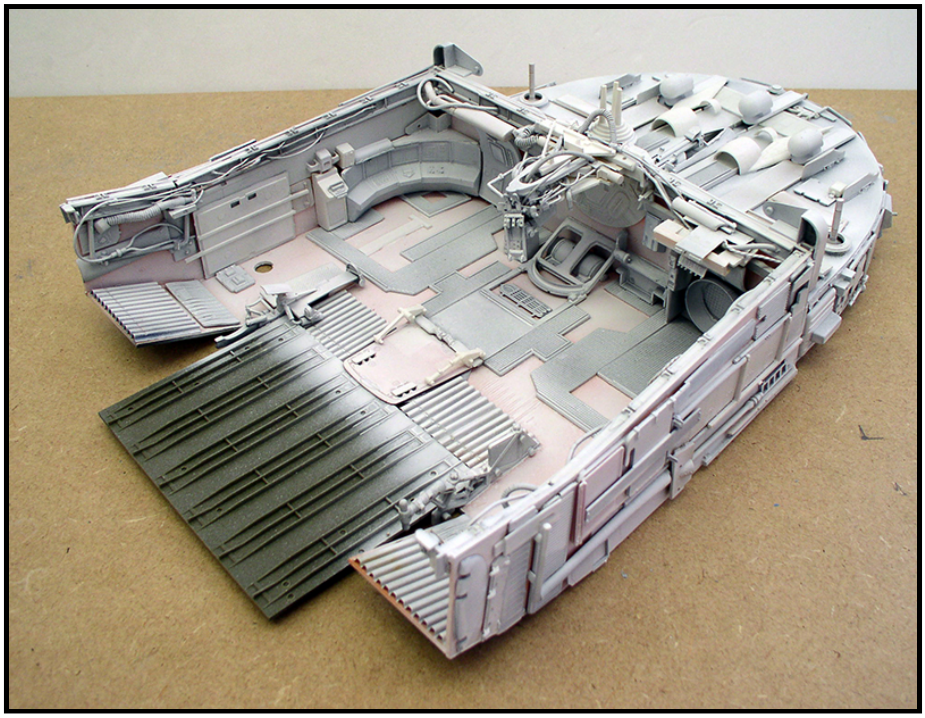


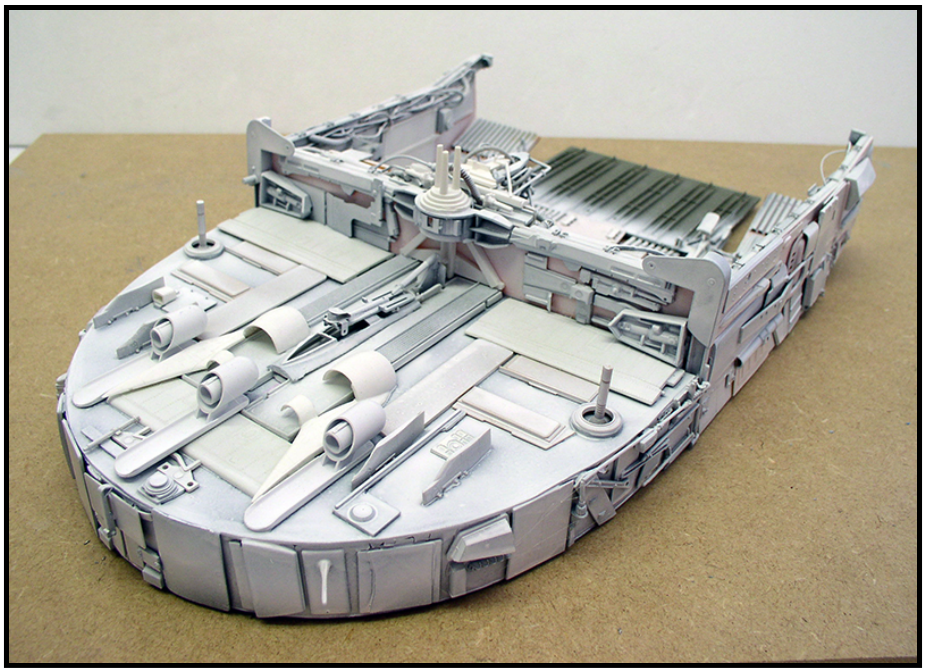
More sanding of the hull...

Nouveaux ponçages de la coque...





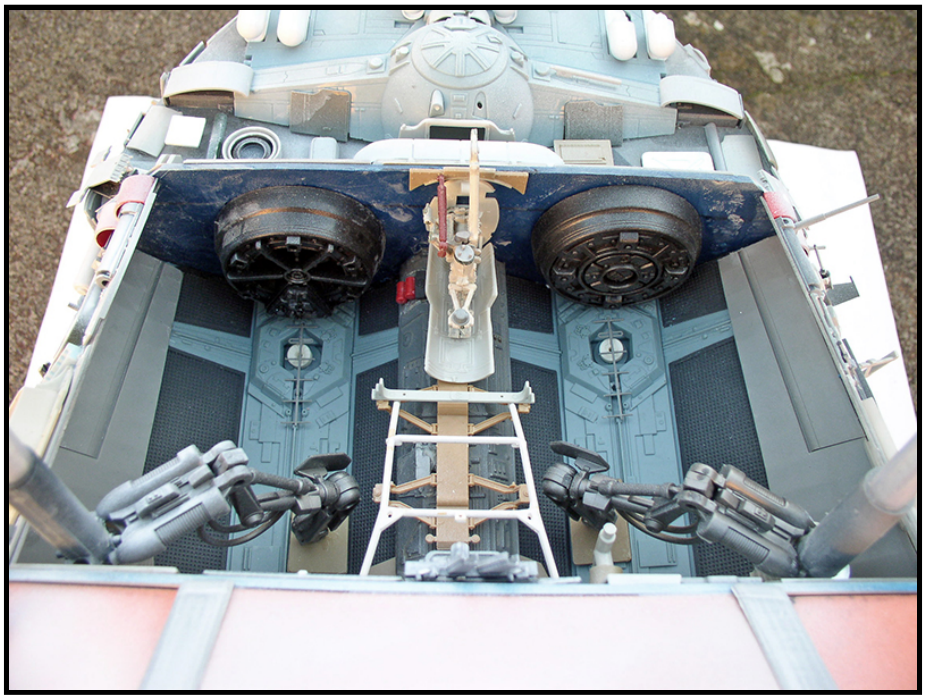




The keel has been primed...

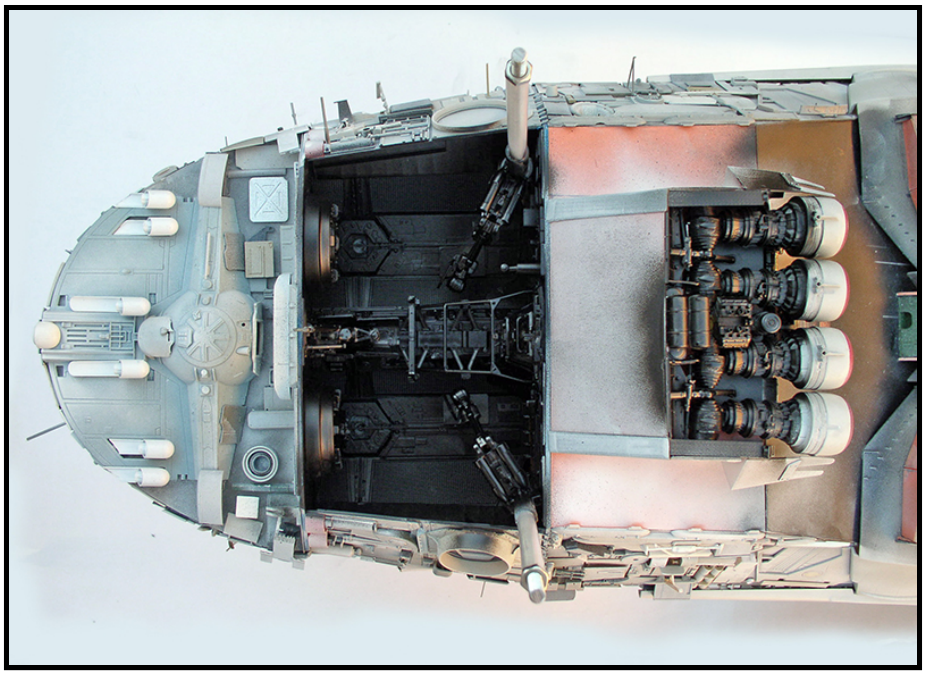
La cale a reçu une couche d'apprêt...

Adding parts to the top of the cylinders...



...and a close-up of the wedge...

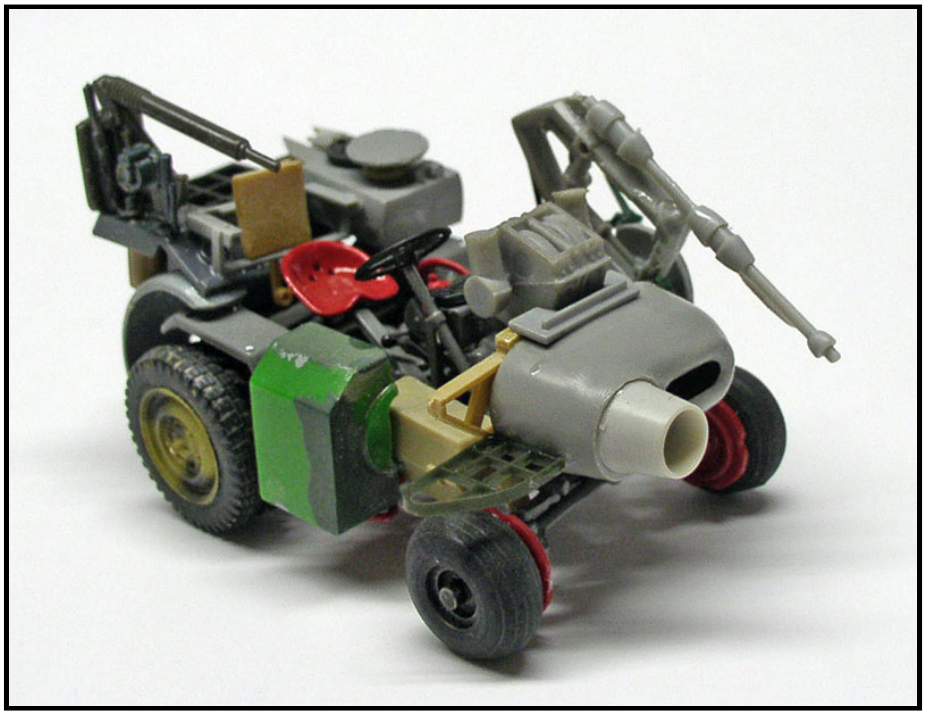
...et détaillage de la cale...



Paint the inside of the hold with matte black spray paint...

Peinture de l'intérieur de la cale en noir mat à la bombe...

Accessories



A farm tractor converted into a research vehicle, stored in the lower hold below ground level...

Un tracteur agricole transformé en véhicule de recherche stocké dans la cale inférieure au sol...



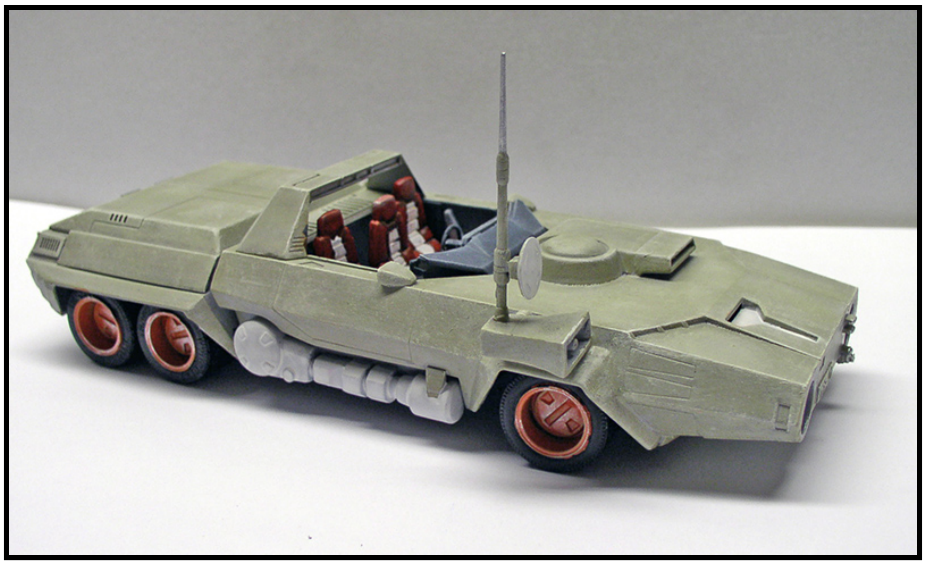
A 1/48-scale Roadranger from Aoshima will serve as the exploration vehicle...

Un Roadranger à l'échelle 1/48ème de la marque Aoshima sera le véhicule d'exploration...



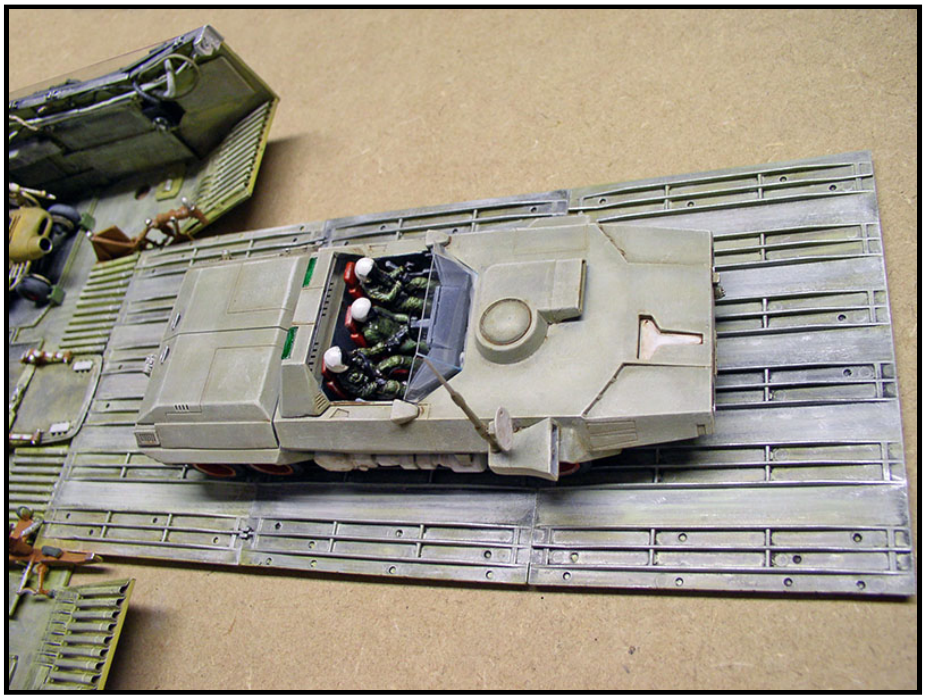
It is painted with Humbrol 147 oil paint...

Il est peint à l'huile Humbrol 147...



Dry brush using beige 168 and white 34...

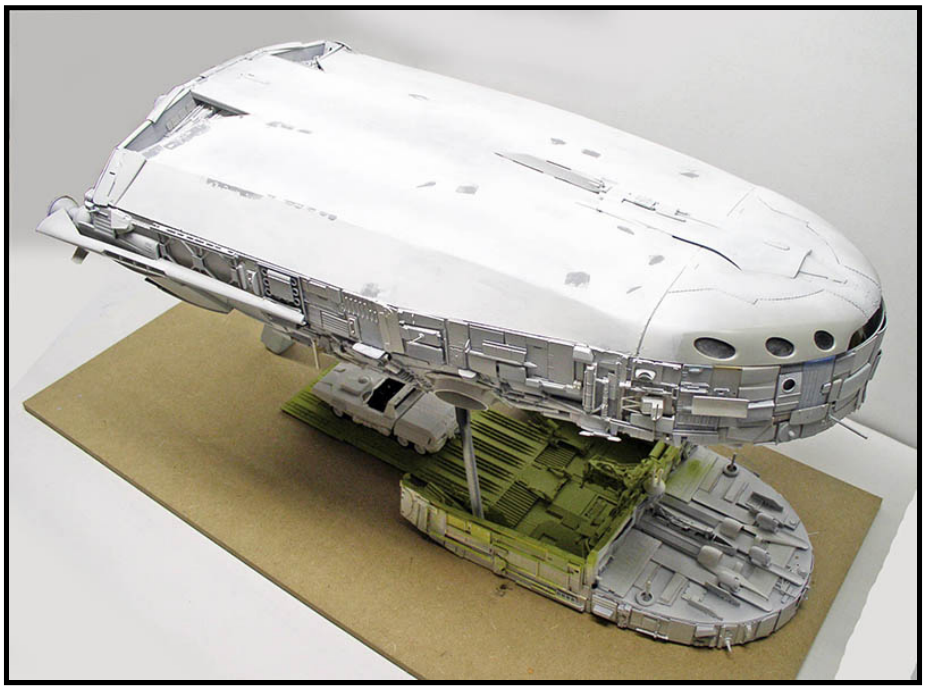
Brossage à sec avec un beige 168 + blanc 34...



A finish made from Terre d'Ombre has been applied. Jet pilots will serve as the crew...

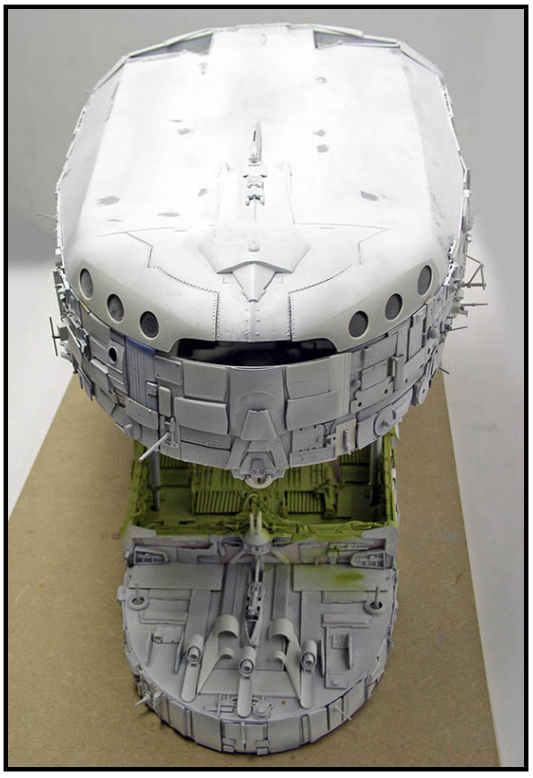
Un jus est passé en finition à base de Terre d'Ombre. Des pilotes de jet serviront d'équipage...

Finishes



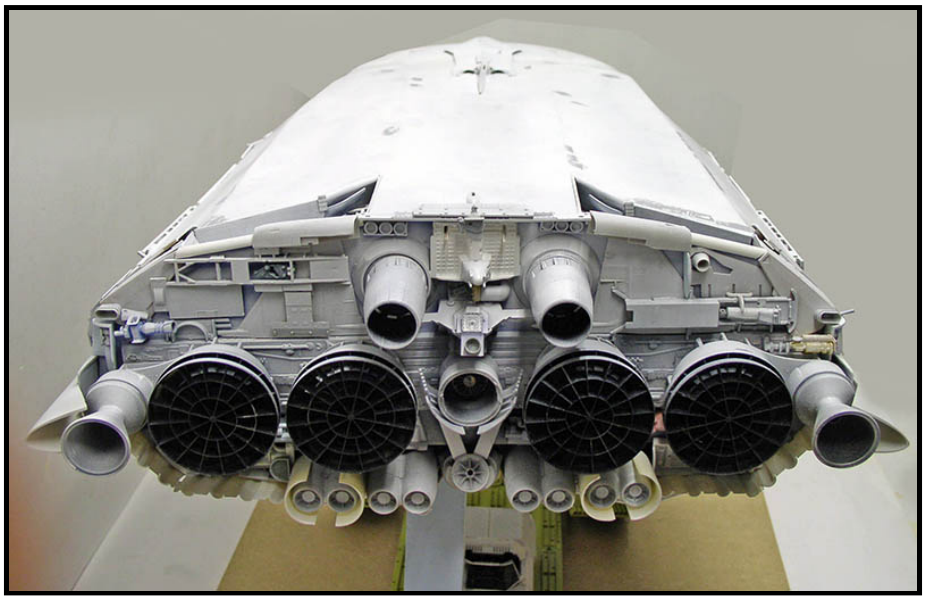
Re-sanding the hull and filling the gaps...

Nouveau ponçage de la coque et masticage...



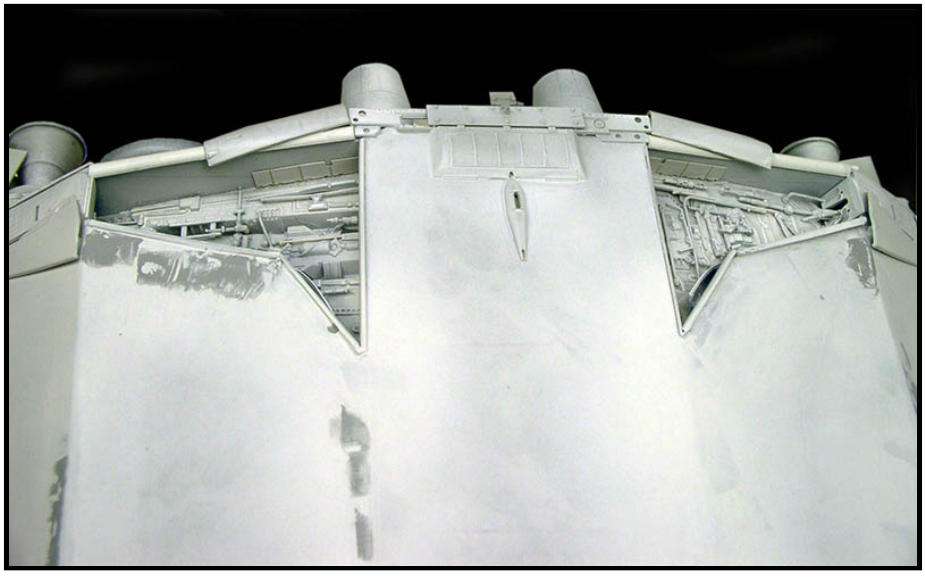
Front view...

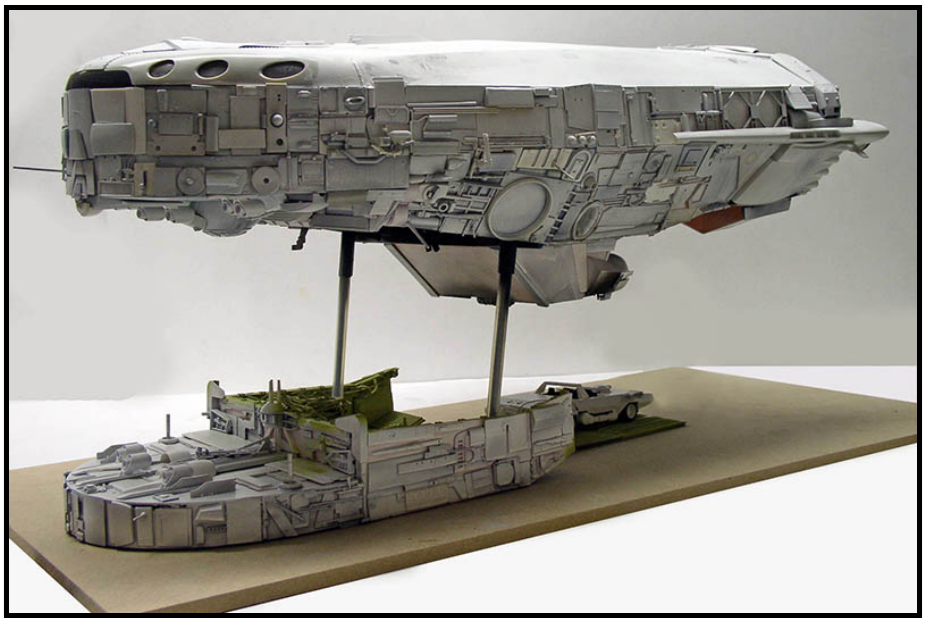
Vue de face...

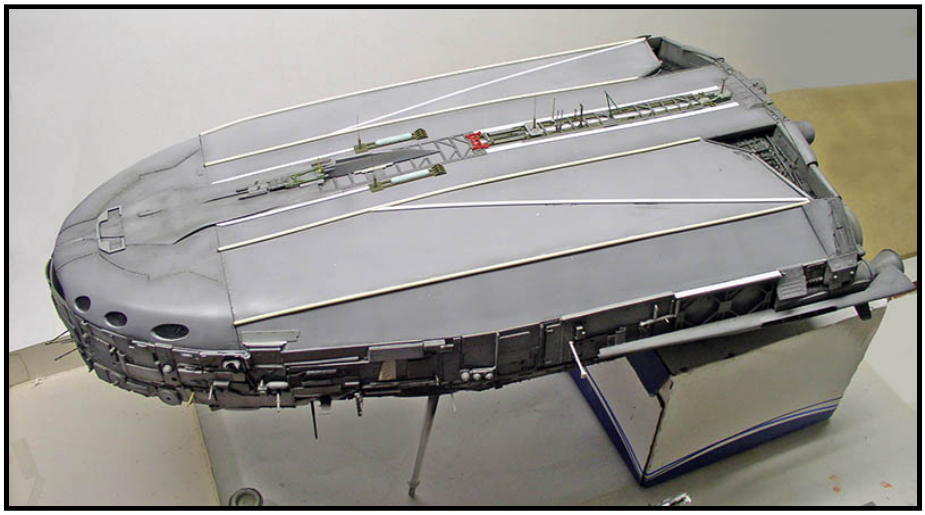


...and back...

...et arrière...



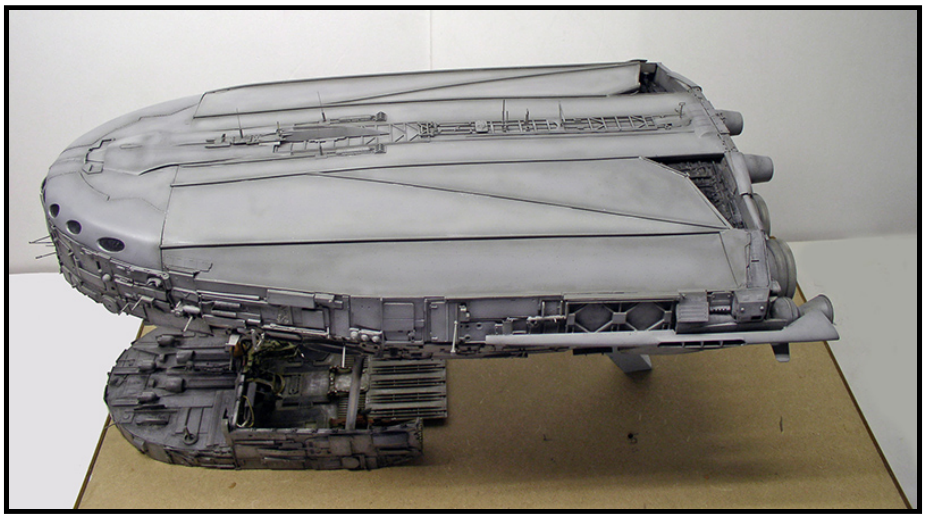




Finishing and detailing the top of the hull...

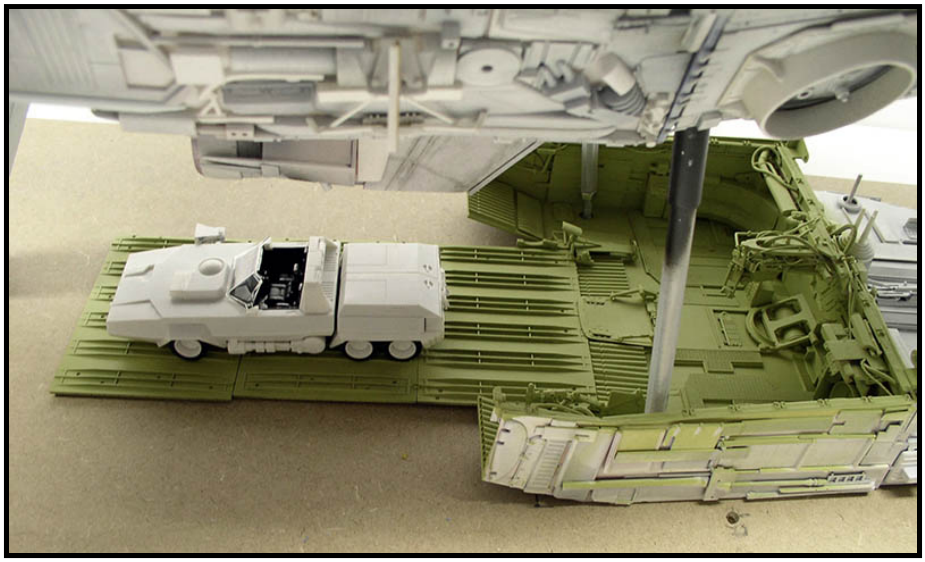
Finition et détaillage du dessus de la coque...

Painting



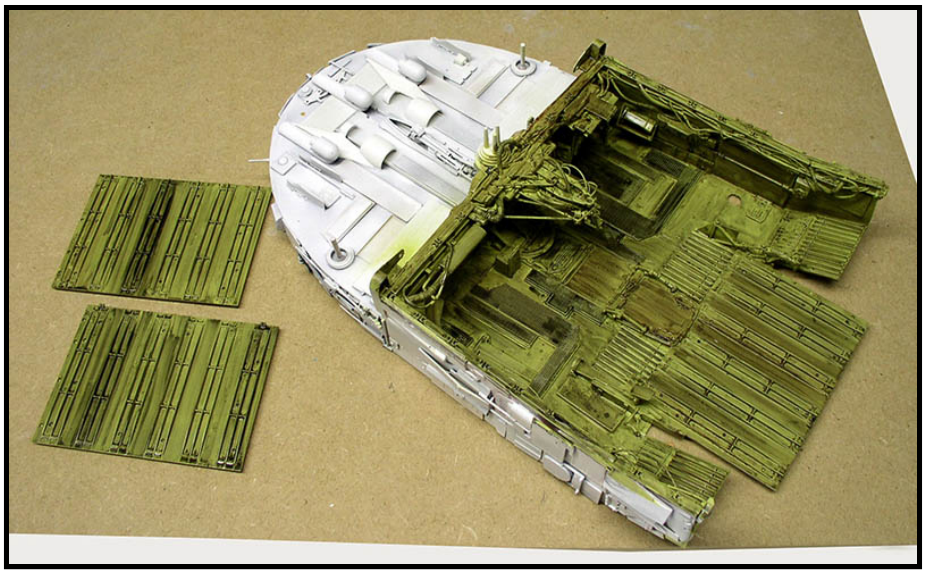
Hobby Color acrylic primers: gray FS 36 231 & FS 36 375. Dry brush with Humbrol gray 127–147 + white 34...

Bases acrylique Hobby Color gris FS 36 231 & FS36 375 brossé à sec Humbrol gris 127 - 147 + blanc 34...



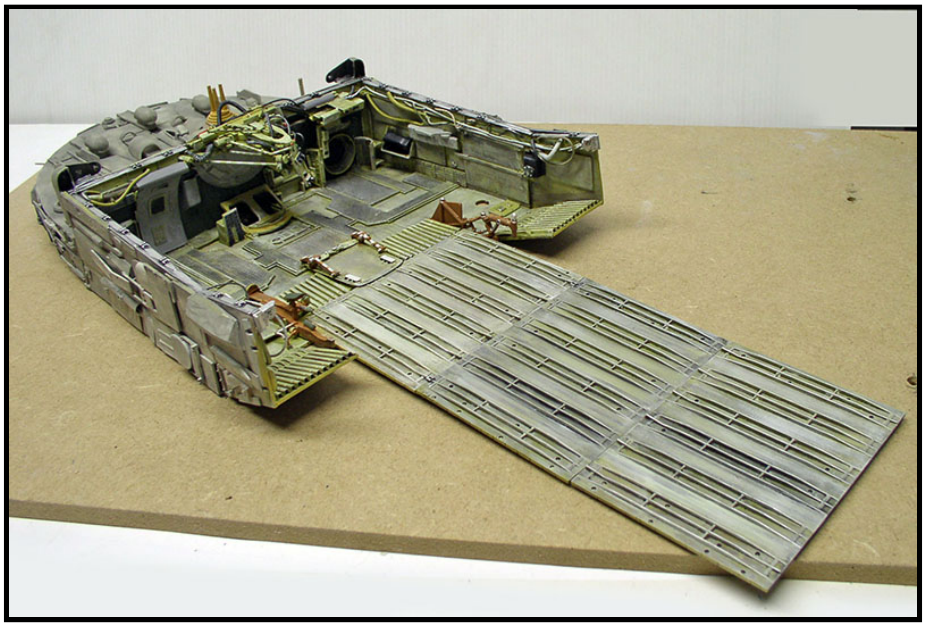
The lower part of the keel is sprayed with a coat of green paint...

La cale inférieure reçoit une couche de vert à la bombe...



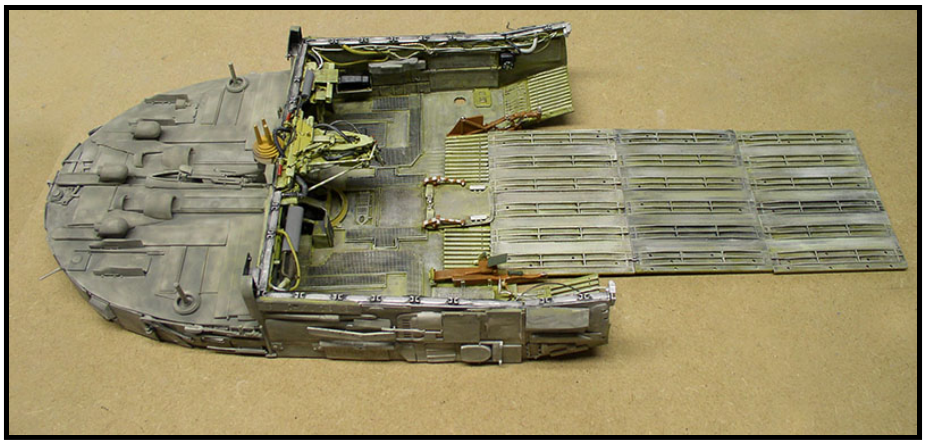
Juices made with Humbrol matte black and chocolate 98...

Jus à base d'Humbrol noir mat et chocolat 98...



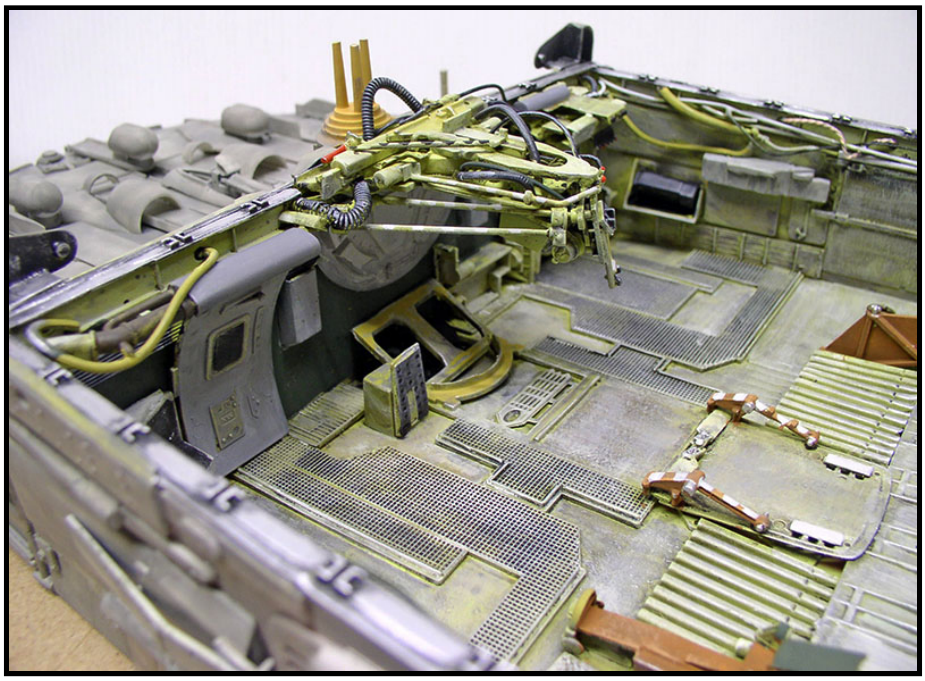
Then dry brush in lighter shades...

Puis brossage à sec dans des tons plus clairs...



...and painting the various elements...

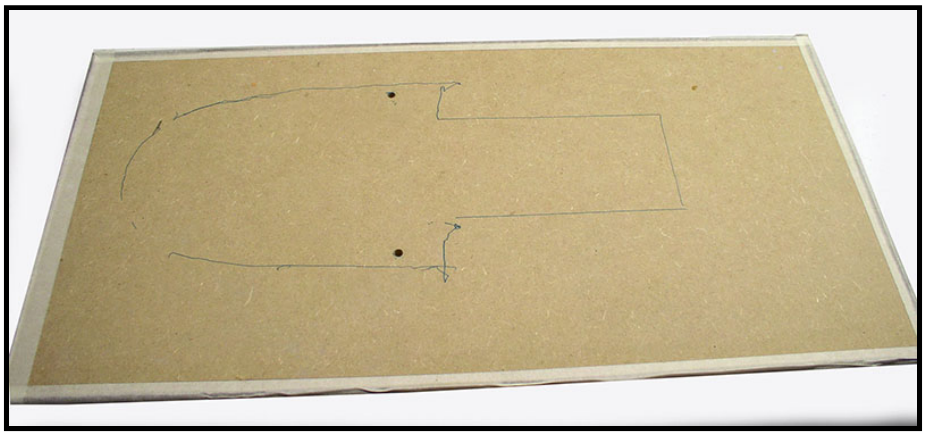
...et peinture des différents éléments...



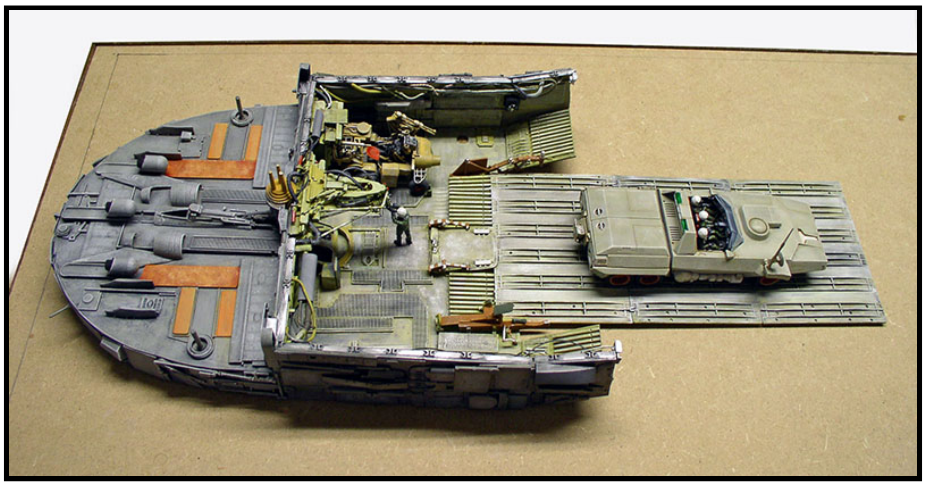
Details...

Détail...

The Setting



The base is a wooden panel measuring 82 cm by 41 cm. Holes have been drilled for the threaded support rods...



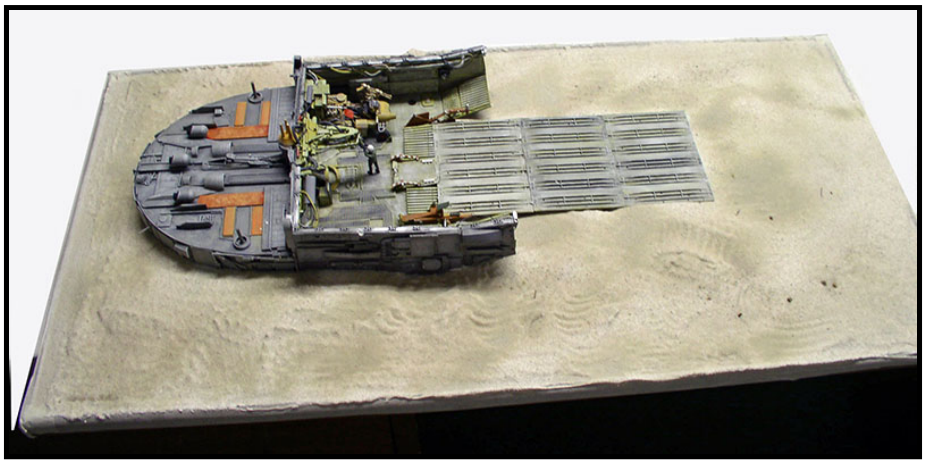
The wedge serves as a guide for marking...

La cale sert de repère pour le traçage...

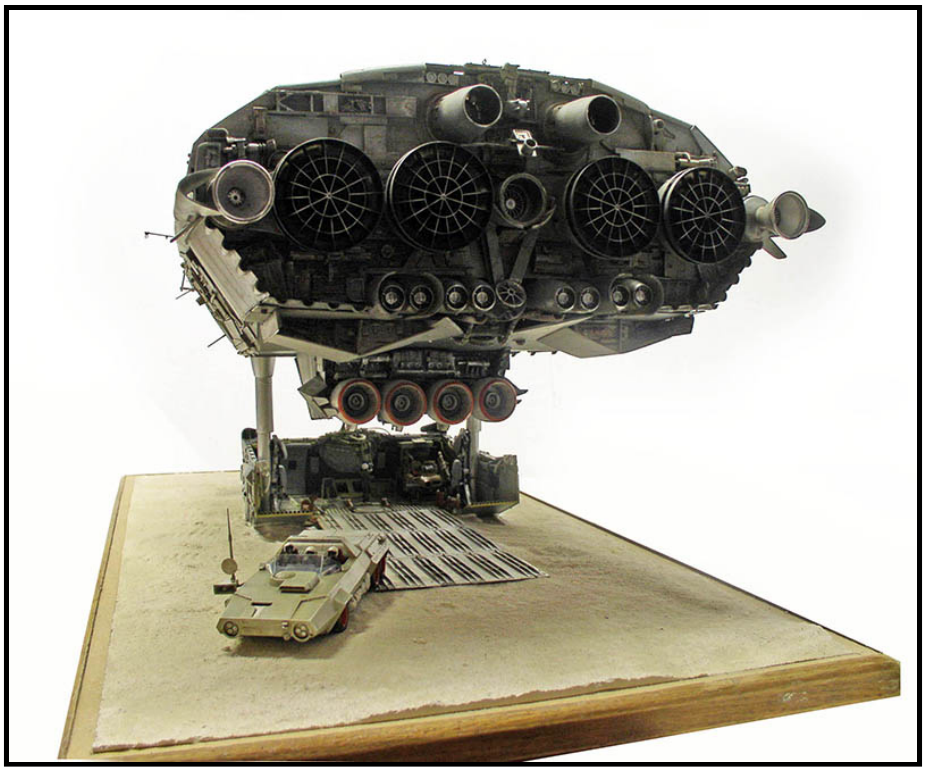


We're preparing powders and sand of various textures for the set, which will be a sandy floor...

On prépare des poudres et sable de différentes textures pour le décor qui sera un sol sableux...

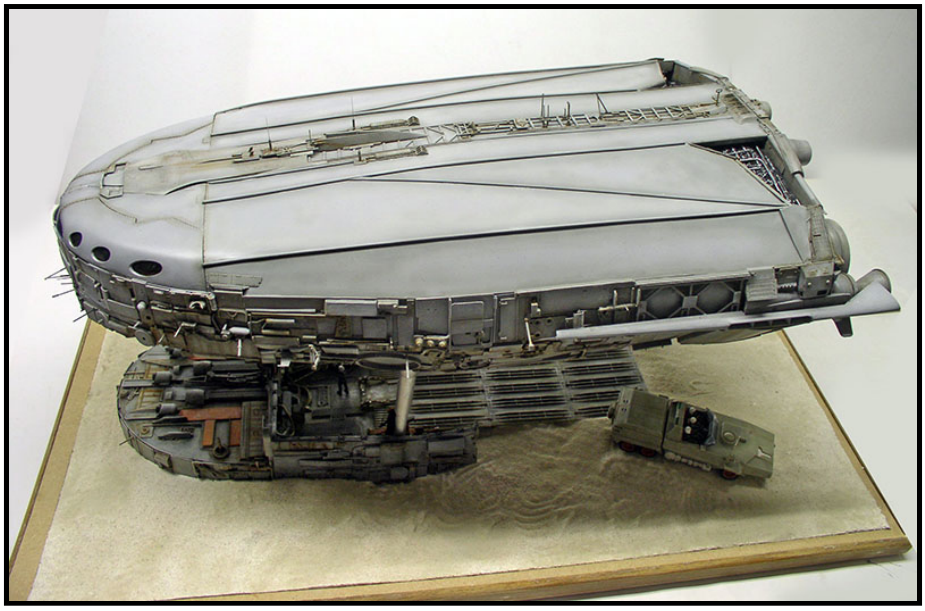


Next, prepare a fairly runny plaster mixture, add wood glue, and after spreading it out, sprinkle the mixture with the sieve and the various textures. Then spray the entire surface with very runny white glue...

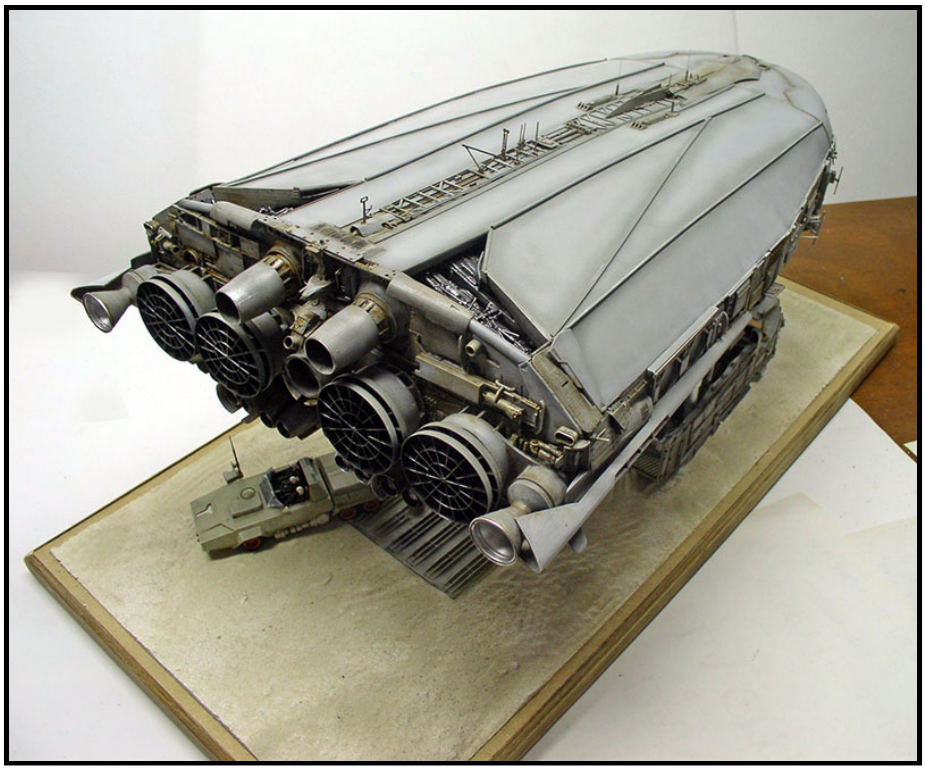


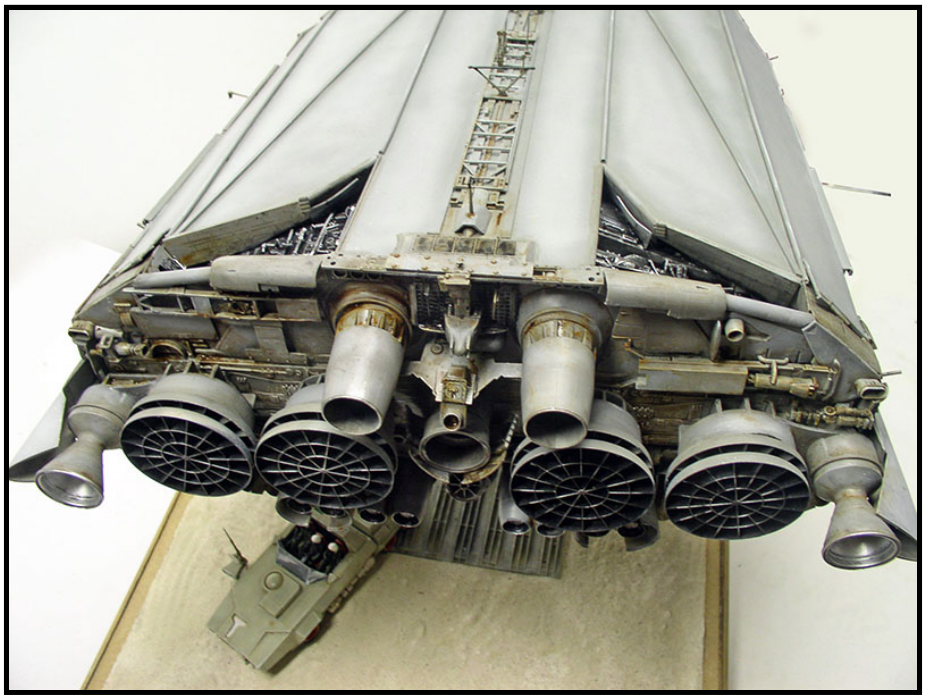
A view of the finished floor...

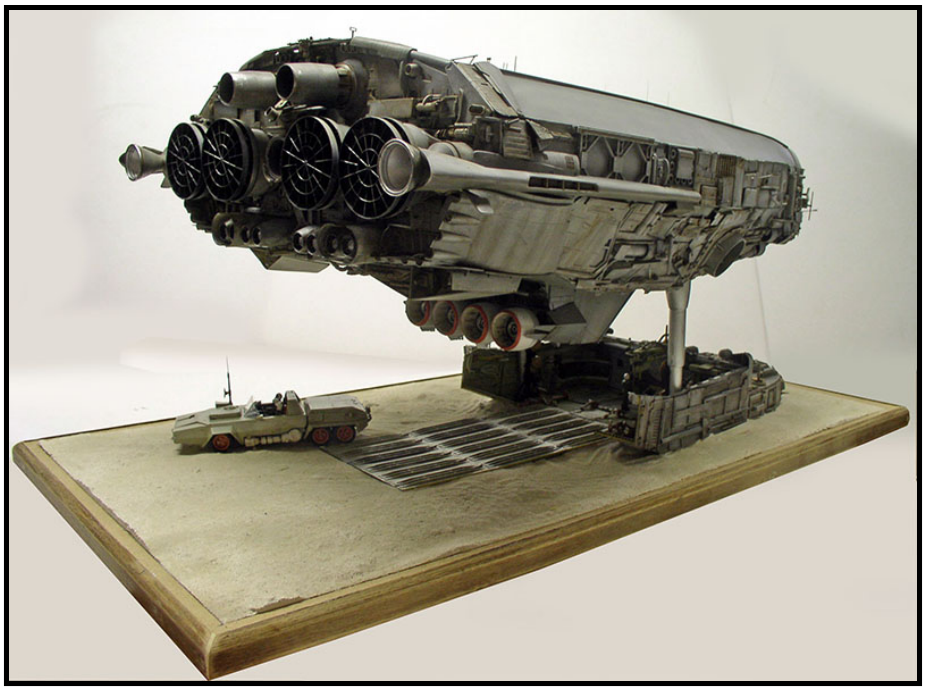
Une vue du sol terminé...



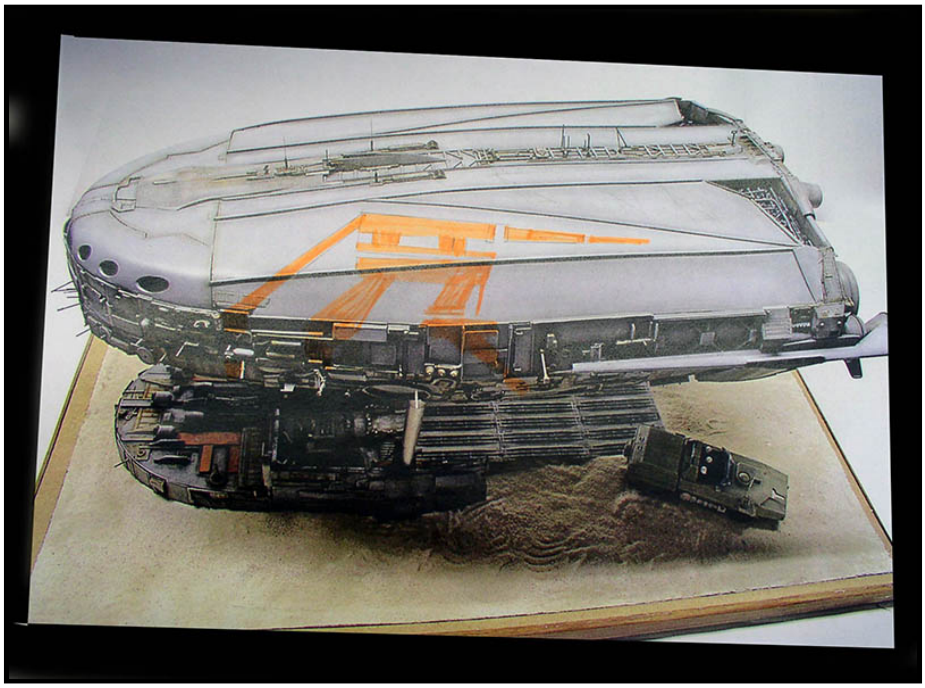
The ship, in turn, is painted with a mixture of umber and sienna, applied with a fine brush to the recesses and details...





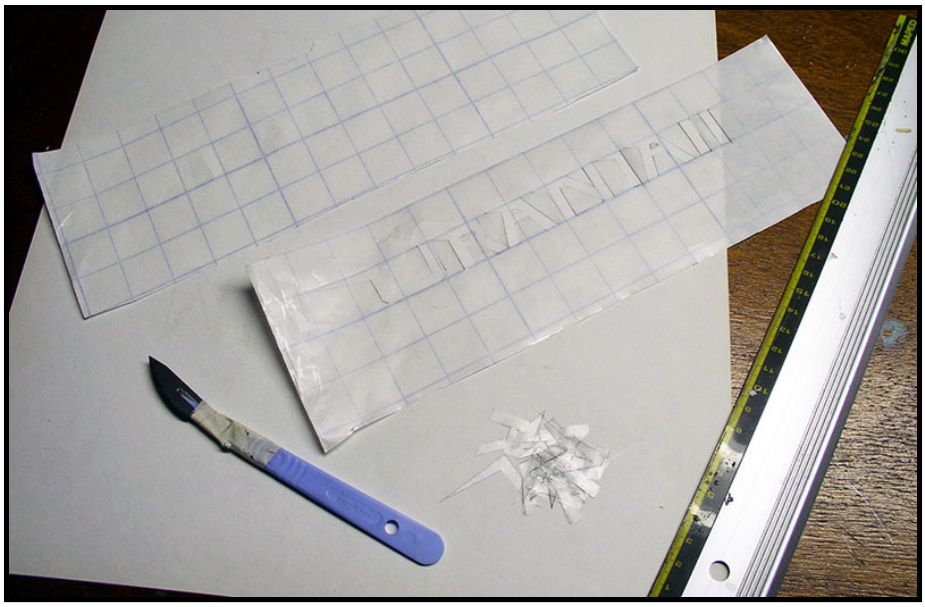


Logos



After trying out various designs, a logo was chosen for the top of the hull...

Après différents essais, un logo est adopté pour le dessus de la coque...



We use airbrush masking film to create the stencils...



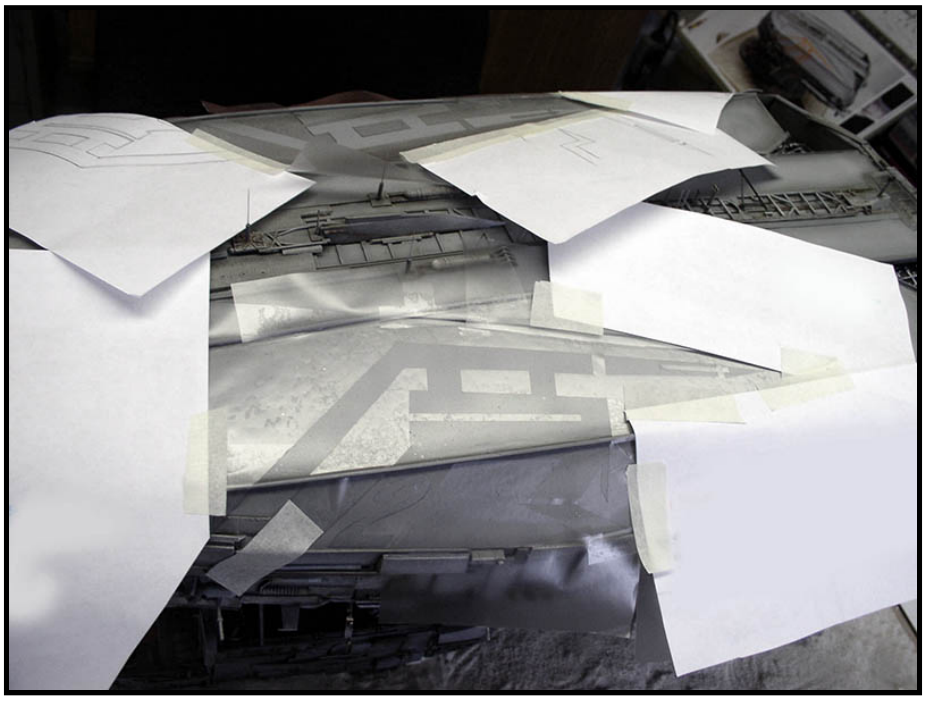
This very thin film adheres easily without peeling off the paint...

Ce film très fin adhère facilement sans arracher la peinture...



The result: a light white that won't be too "blinding"...

Le résultat : un blanc léger qui ne "flashera" pas trop...



Same process for the second logo...

Même procédé pour le second logo...

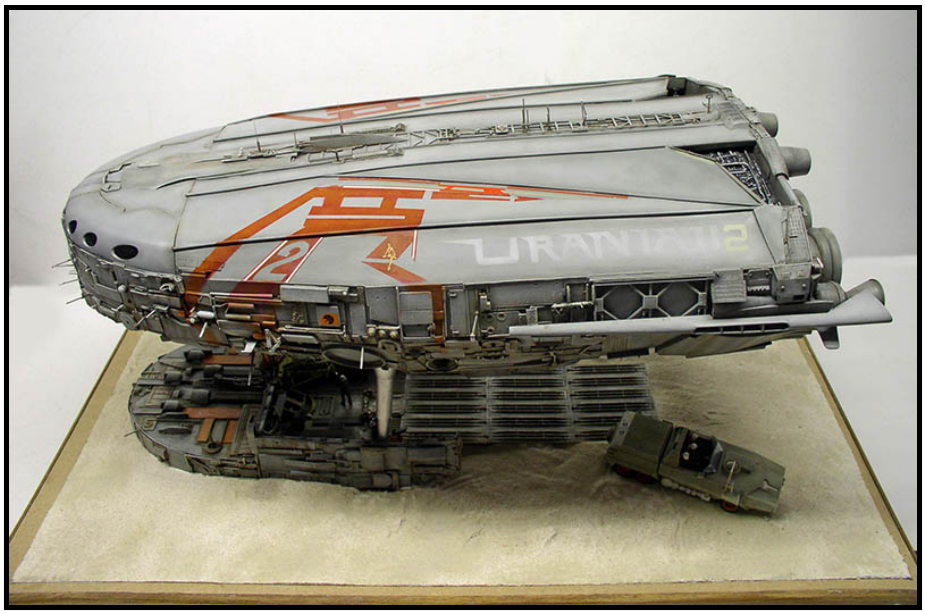


Removing acrylic red...



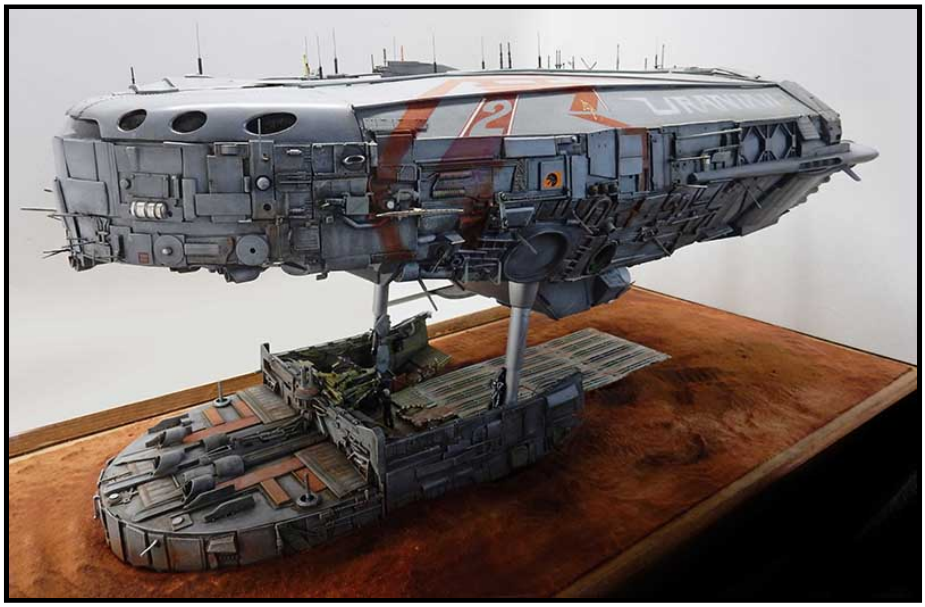
We finish it off with orange spray paint in specks and some added striping and pin-up decals...

On termine avec de l'orange vaporisé en grains et des decals bandes et pin-up ajoutés...



The model is finished...

Le modèle est terminé...



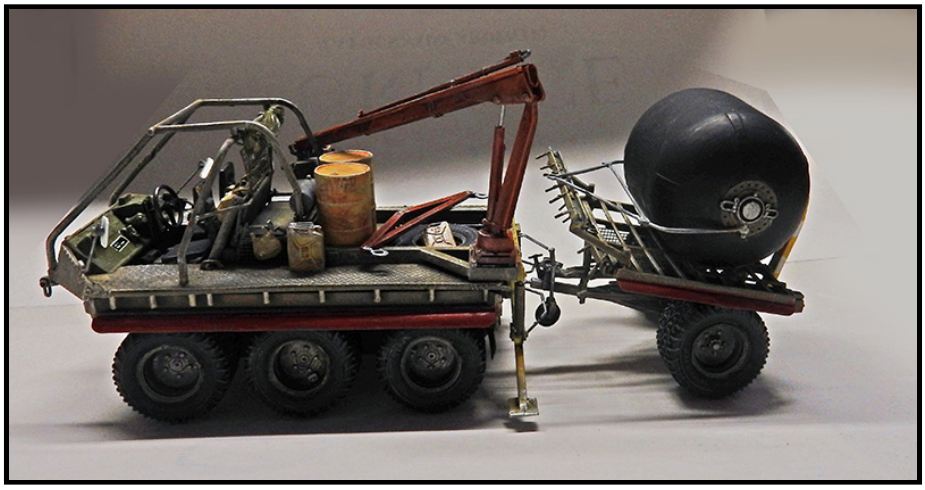
Some changes will be made, including: the reddish color of the floor, which is being repainted with acrylic paint...

Des changements seront effectués plus tard, dont : la couleur du sol rougeâtre, qui est repeint à l'acrylique...



...The "Roadranger" is being phased out in favor of another, more suitable vehicle...

...Le "Road ranger" est supprimé au profit d'un autre véhicule plus adapté...



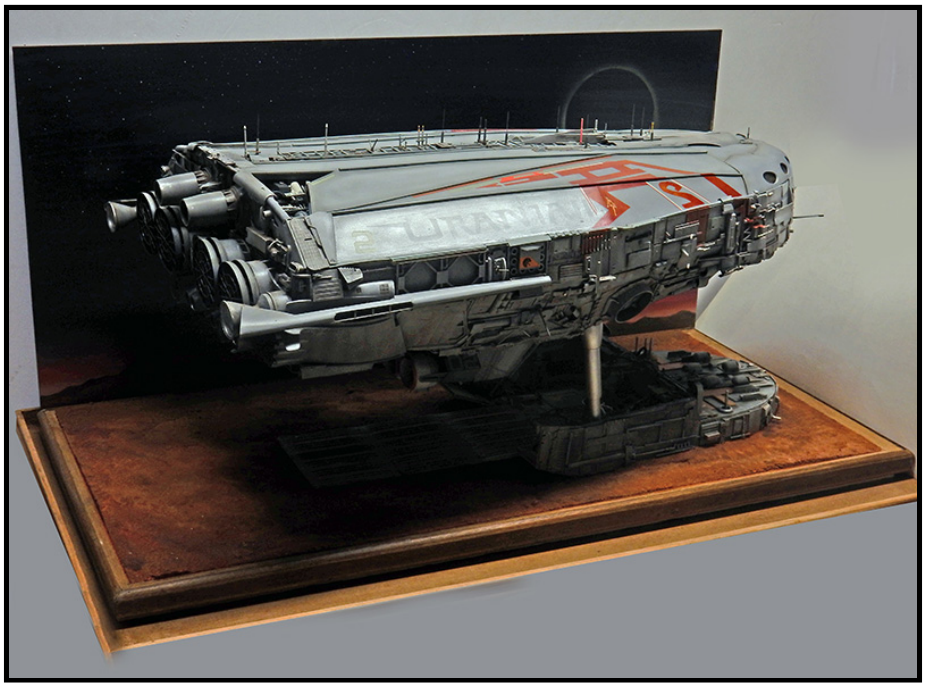
The prop, ready to be placed on the set...

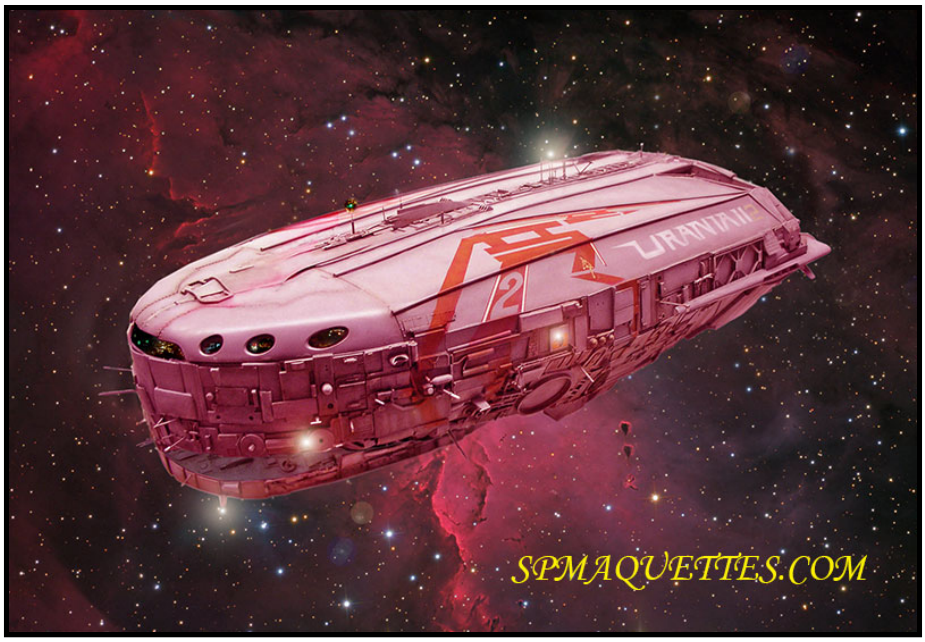
L'engin, prêt à être collé sur la scénette...



An acrylic-painted background is created...

Un fond peint à l'acrylique est réalisé...





Cliquez ICI pour l'accès direct à la galerie...