

German armored train 1946 - 1/48 scale

12/12/2011 — Basic techniques



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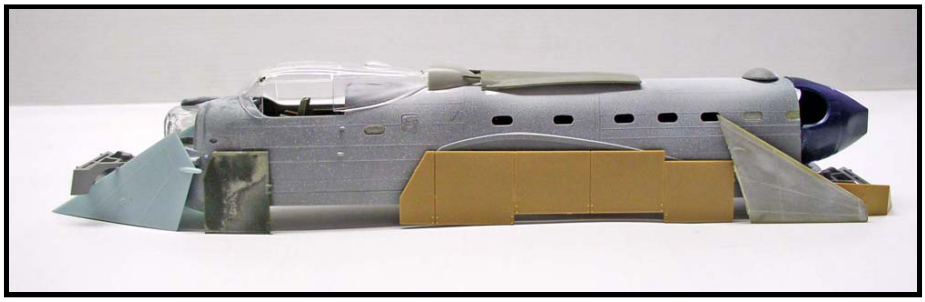
Le style "Steampunk" associe le cuivre et le métal des assemblages de machines des années 1900 à une époque plus moderne qui va jusqu'à nos jours. L'idée était de créer une locomotive dans ce style qui serait ici un modèle allemand de 1945... Le montage s'inspire du "kitbash" pour créer un modèle...



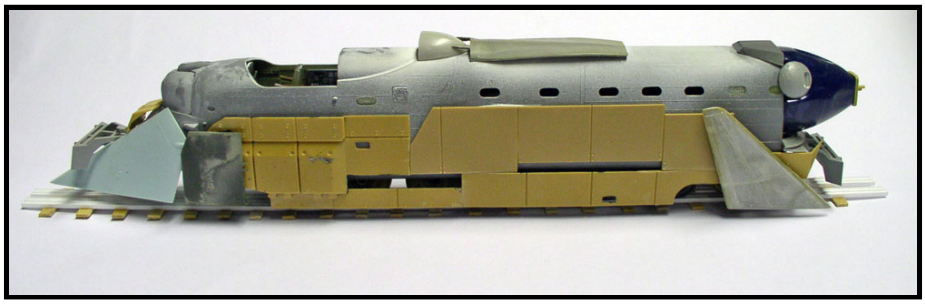


The "Steampunk" style combines the copper and metal of early 20th-century machinery with a more modern era that extends to the present day. The idea was to create a locomotive in this style—in this case, a German model from 1945...

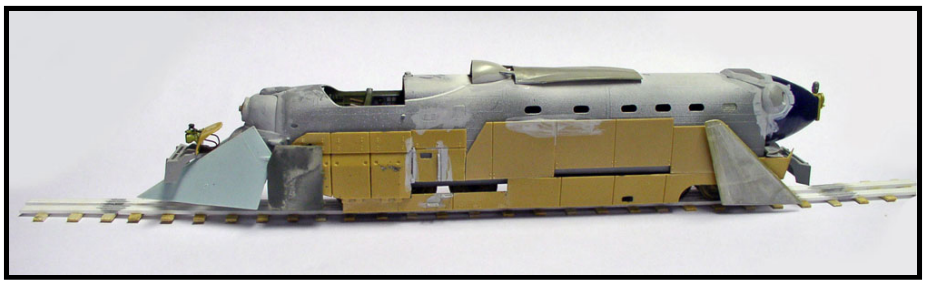
This build is inspired by the "kitbash" technique to create a model that doesn't actually exist—not even as a model kit (the kitbash technique will be the subject of a tutorial explaining the basics of the process)...



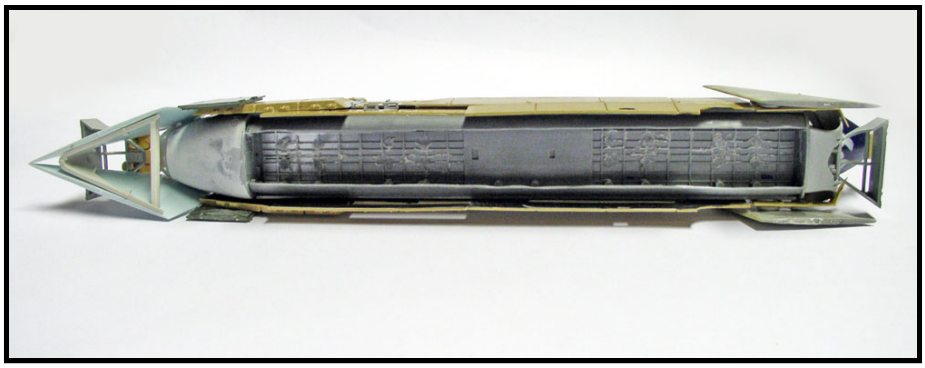
The basics: The main structure consists of a shortened Lancaster fuselage, aircraft tail sections, and armor plates from tanks...



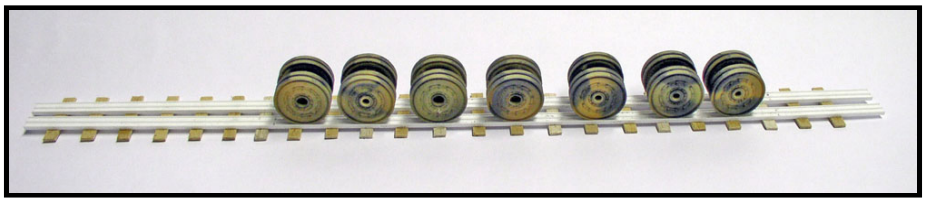
Since the goal is to build an armored locomotive, we're adding more detailing to the exterior... We're using parts from the surplus box to add details to the whole model...



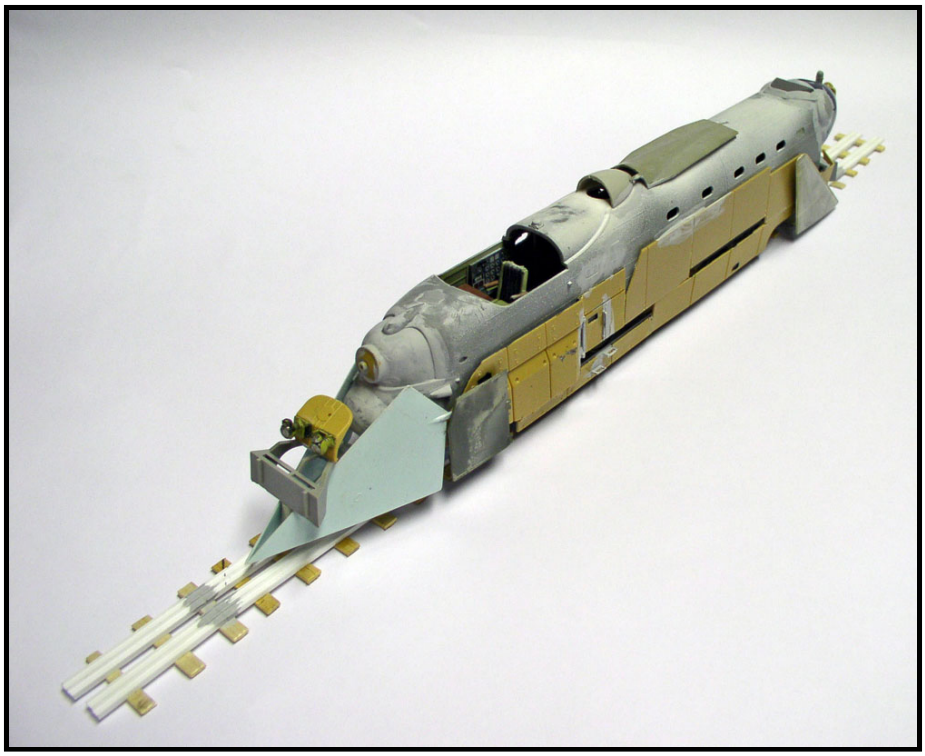
Once you're sure of the layout for the main parts, after gluing them together, fill the joints with liquid putty (you can use Mr. Surfacer ready-to-use putty)...

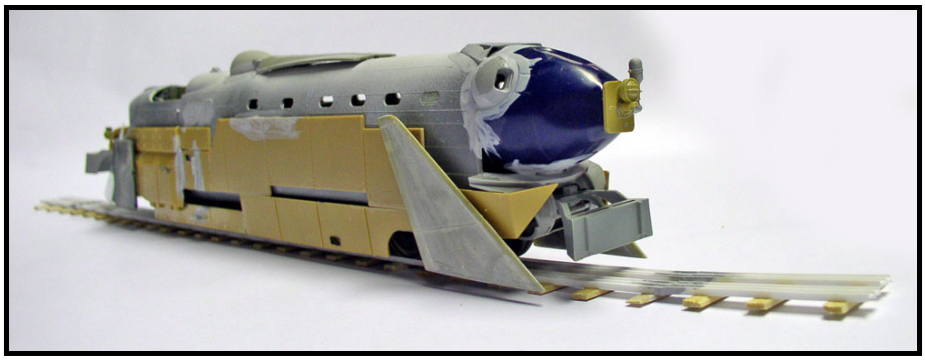


View from below: The airplane's cargo hold will be used to house the locomotive's wheels. The two side landing gear hatches are trimmed to length and then glued to either side of the cargo hold in their usual positions... The inner studs are sanded down to create a smooth surface for mounting the landing gear...



The locomotive's "wheel set"... Fourteen sets of Tiger tank wheels. The track is made of Evergreen plastic, with balsa wood for the ballast...



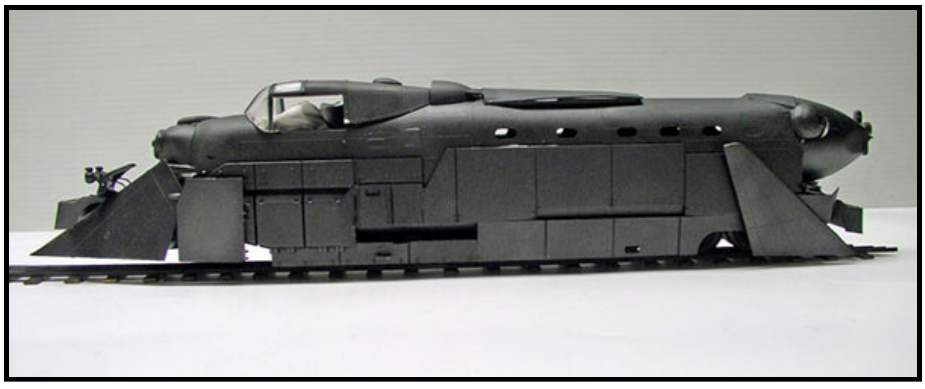


Two views of the assembly process...



We redo the canopy supports using architect's tape, which is then treated with Klir to remove the micro-scratches...

Painting



The base coat consists of Testor Model Master oil-based paint—black chrome trim and black metal. The canopy is masked off before painting...



A test run of the software to get an idea of the license plate colors...



After testing, the colors will lean toward copper and brass tones: Humbrol 54 & 12, Testors Light Brass, and Revell Car Metallic 391...

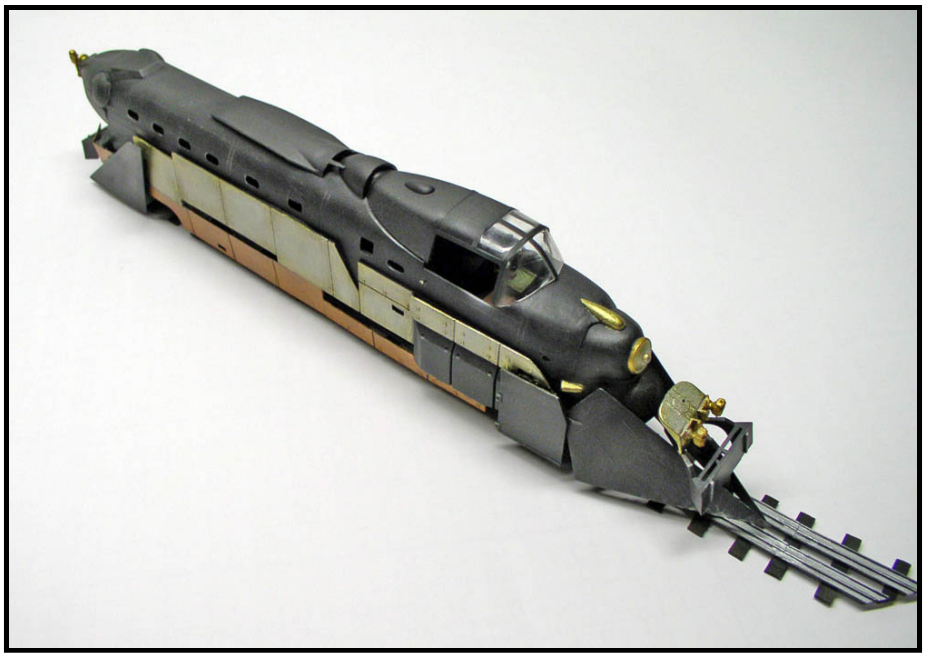




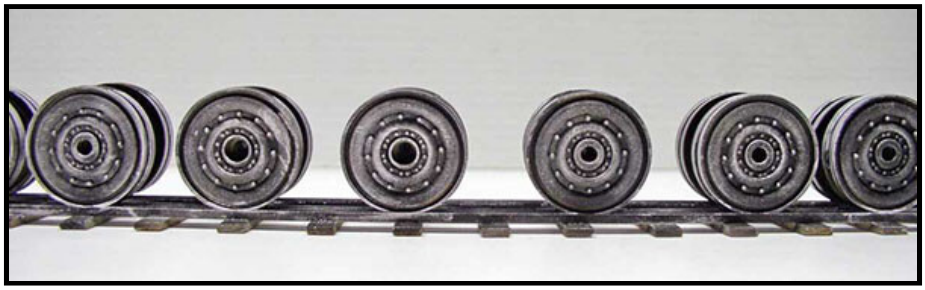


Two views showing the base color of the panels. Meanwhile, the dark section has been given a slightly metallic dry-brushing...

Revell's metallic car paint was applied as highlights using an airbrush...



The painting is finished...The undercarriage and rails have a matte black finish with a metallic sheen...



Tanker truck





An Opel Blitz tanker will complete the diorama...The delicate roof joint will require filling and sanding. The templates and wiper blades will be remade from stretched plastic...



The entire set was painted using Humbrol 63 and 71...



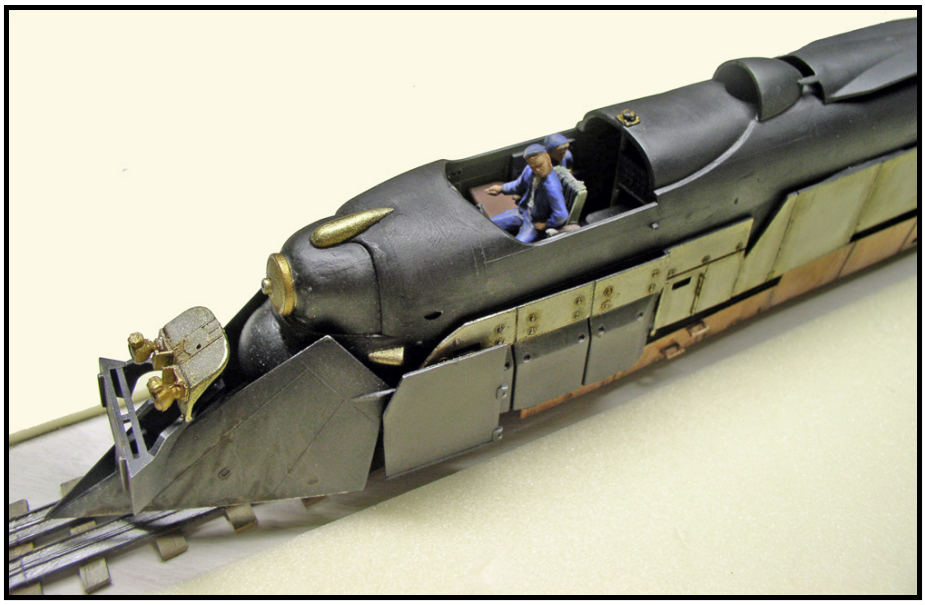


Aging using the usual technique. We finish with rust effects and streaks...

The figurines

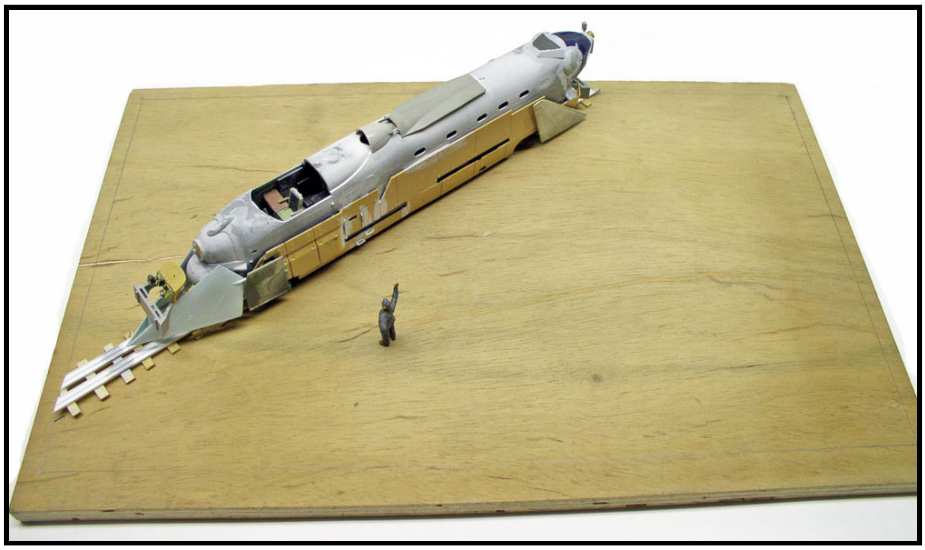


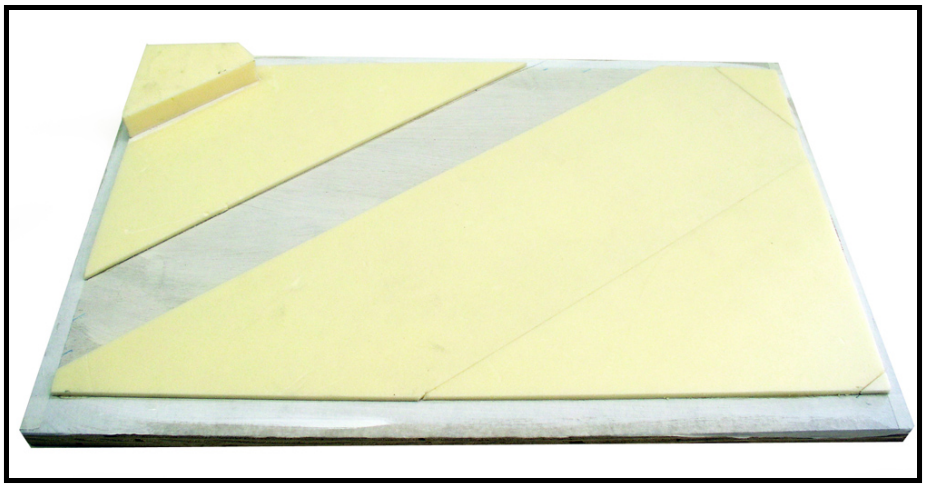




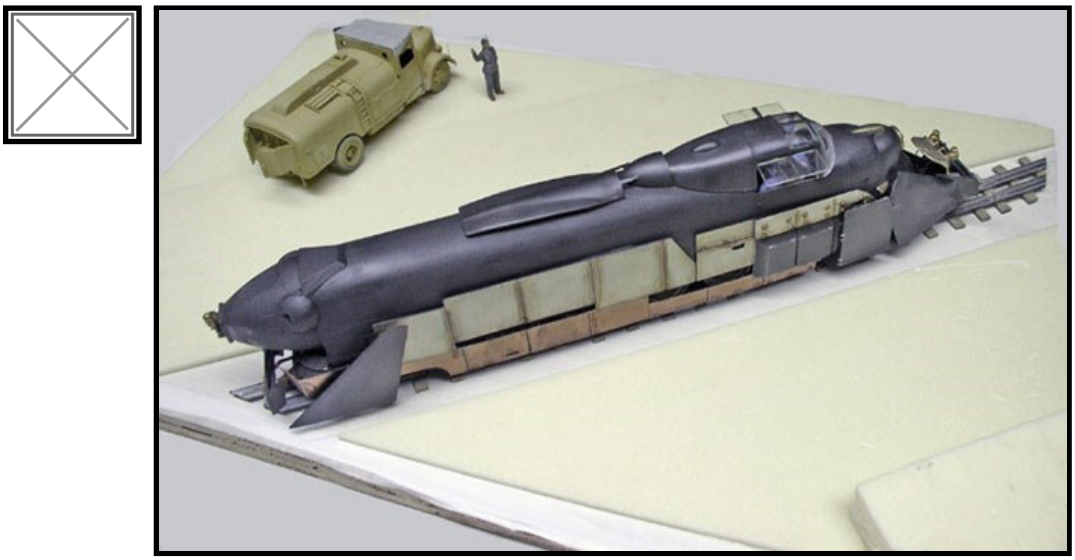
The figurines chosen to bring the setting to life...Two workers monitoring the tracks and the tanker truck crew...Two modified locomotives will round out the train's crew...

The Setting

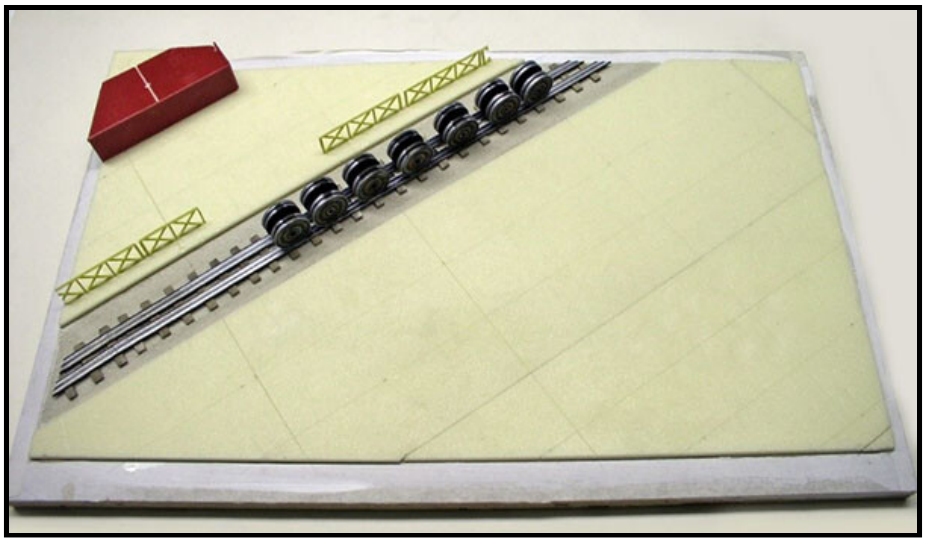




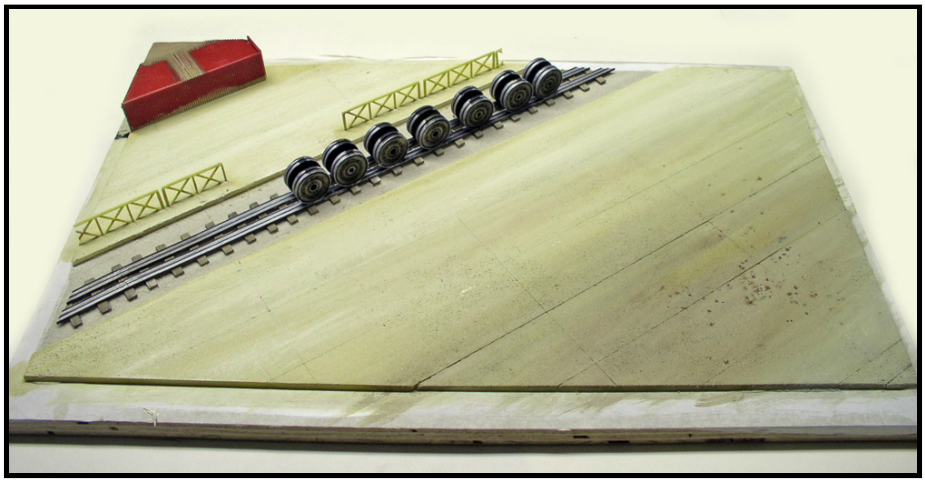
A plywood panel will serve as the base...The dock is made of extruded polystyrene glued to the base with wood glue...

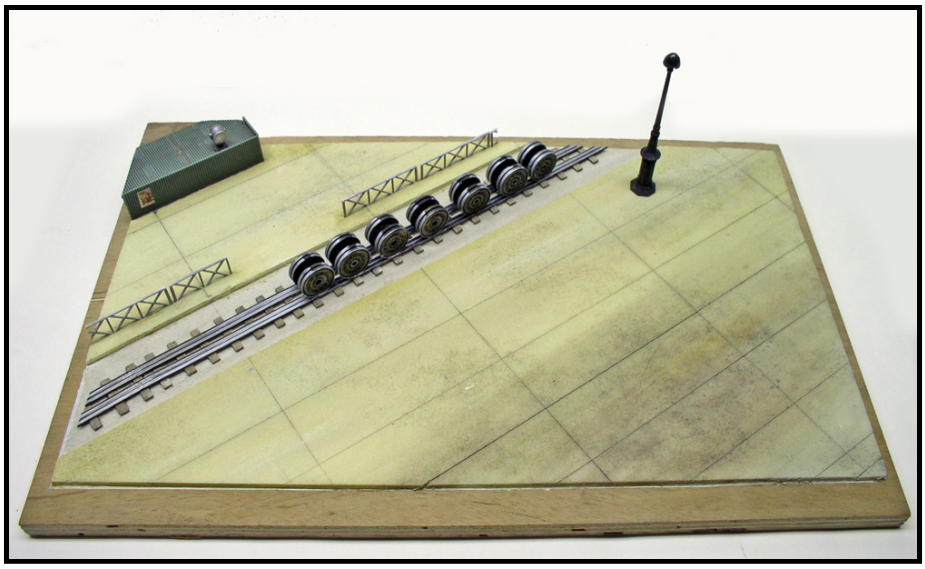


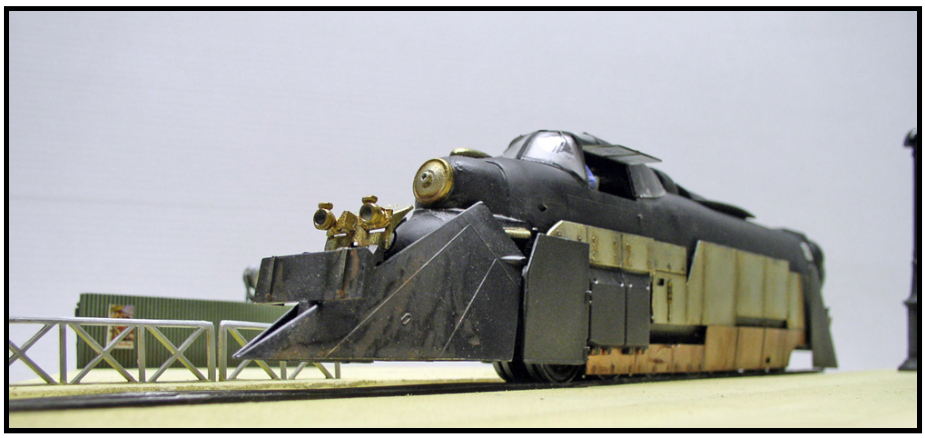
Placing the machine on its rails...



A corner of the hangar is set up, along with platform barriers. The tracks are glued down after sprinkling the ground with fine powder. Paving patterns are drawn on the ground with a utility knife. The surface is then worked with a wire brush and the thumb to create slight deformations in the ground and small holes characteristic of concrete...

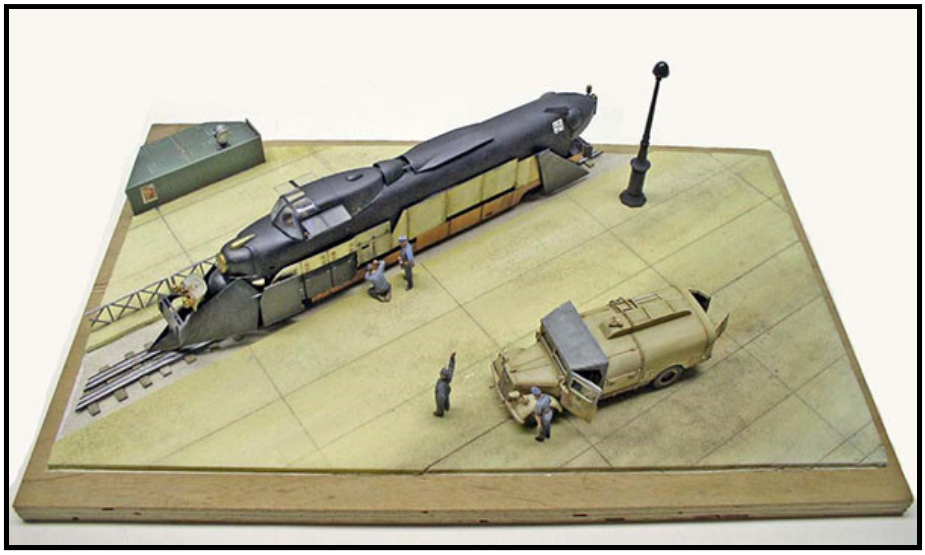








Liquitex acrylic-based floor paint...Humbrol oil-based paints...The locomotive is stuck to its wheels...The truck is then secured to the base with wood glue...



The Background



An acrylic-painted background is added...



The finished diorama. All in all, a unique diorama that didn't cost much...



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