MINI-SCENE INSTRUCTIONS

This Kit contains everything required to build the Mini-Scene except paint and glue. This Mini-Scene can be finished in natural pewter or painted as a realistic scene for display. It can also be built into an HO scale model railroad layout, or as a complete HO scene for display and added to layout later.

For the realistic look we recommend Woodland Scenics Paint Set M125, which includes 12 assorted colors, selected to realistically paint any of our scene kits. Paint is non-toxic, nonflammable and water soluble.

For a quality pewter finish we recommend Woodland Scenics Pewter Patina Finish M126, easily applied by brushing on and wiping off high spots. Finish is non-toxic, non-flammable and water soluble.

Woodland Scenics offers a Glass Display Dome and Base that will permanently display and protect any of our Mini-Scenes (see back of box).

Important: See back side of box label for exploded view and more instructions.

Helpful Tools and Materials for assembling Mini-Scene:
Hobby Knife (such as x-acto)
Tweezers
Small paint brush
Small file
Paint (Woodland Scenics Paint Set with 12 different colors or Pewter Patina Finish by Woodland Scenics recommended.)
White glue
Cyanoacrylate glue (such as "Super Glue").

Should you find any defective parts in this kit simply return them to Woodland Scenics for replacement.

A. CLEAN UP AND FIT CASTINGS
The castings in this kit will have some parting lines (seams), flash (thin film of excess metal at seams), and stems that should be removed. They can be scraped off with a knife, filed off, or sanded. Each part should be examined and cleaned up.

If flat pieces such as a wall have some warp or bend, gently bend them back to flatten by laying on a flat work table and pushing down in high areas.

Castings that fit together should be aligned and fitted, particularly interlocking pieces. If they don't align properly fit them by removing metal with a knife or file, as required.

All castings should be washed in soapy water and rinsed prior to painting.

The metal castings are somewhat brittle and should be handled carefully, except for trees which are highly bendable metal.

B. PAINT AND TURF MOUND
Mounds are metal castings, they should be primed with the white paint in Woodland Scenics Paint Set or any good metal primer.

The earth part of the mound should be painted an earth or brown color (Woodland Scenics color #12) in preparation for turf application.

If mound has other details such as rocks, concrete blocks or boards as part of it, these items should be painted the desired color prior to turf application.

Turf is finely ground brown or green foam material in bag. Apply turf to "earth" areas of mound by brushing varnish or dilute white glue onto mound and sprinkling loose turf material into wet glue or varnish. Sifting turf through strainer is a good technique. (To thin white glue to a good brushing consistency, use about 20% water and add a drop or two of liquid detergent to make glue flow better). After adhesive dries this procedure can be repeated if desirable.

A light coat of flat clear spray will help secure turf to mound, (such as hair spray, clear varnish, spray fix or clear acrylic).

C. PAINT CASTINGS
We recommend Woodland Scenics Paint Set for painting Mini-Scenes.

Paint Set includes Instructions for painting.

Any high quality flat hobby paint will work, but metal should be primed before final colors are applied. Flat lacquer or oil base paint is good for primer.

Follow the color scheme indicated on front of Mini-Scene box or create your own.

Tree castings should be bent into realistic three dimensional tree shape prior to painting. The branches should all be pointing up on smaller trees. Paint tree with a base coat color #1, in Woodland Scenics Paint Set and when dry add highlight to trunk by using a thin wash or dry brushing color #2 and #3.

Note: Weathering adds realism. We weathered most painted items. Weathering is simply creating an old, soiled or weathered look as opposed to a freshly painted look.

There are many techniques for weathering, experimenting is recommended.

A light wash (paint thinned to transparent consistency) of Woodland Scenics Paint is a good technique. Usually a very light color or a very dark color is most desirable. The color should contrast with the color of the item being weathered.

D. ASSEMBLY OF CASTINGS
Castings can be glued together with white glue, fast setting epoxy, or a cyanoacrylate such as "Super Glue".

We prefer "Super Glue" because it is faster setting. "Super Glue" depends on surface contact for a good bond, it is not a filler. It should be used sparingly.

Carefully apply a small drop of glue on one side only of the parts to be glued. Too much glue will make a poor bond. Join the parts and press together firmly applying pressure for about 10 seconds.

A good technique when using "Super Glue" on larger castings is to hold parts together and apply a drop of "Super Glue" where parts touch. The glue will "seep", because of capillary action, into the area of contact and hold parts in position. If there is a void where parts touch, filling the gaps with white glue or epoxy is a good idea. If parts have good contact with each other then adding "Super Glue" to the entire contact area and allowing it to "seep" into seam is very effective.

Tweezers are often a valuable tool when gluing small parts together. When gluing heavier castings to a mound with turf on it, we recommend carefully scraping turf off mound where casting contacts the mound. This will make a stronger glue joint.

Some Mini-Scenes include wire. If the wire needs to be bent to a certain shape it is easy to do with your fingers. If it needs to be straight and is bent, hold one end firmly and with thumb and index finger pull wire straight with several stroking like motions.

E. ASSEMBLY AND MOUNTING OF TREES
Tree trunks are soft metal castings. They may have some flash, if so scrape it off. Wash trees gently in soapy water and rinse. Bend trees to a realistic three dimensional shape, the branches should all be pointing up.

Paint trunks a base color, we recommend Woodland Scenics color #1 (however, any flat lacquer, or enamel will work). If more realism is desired add highlights to trunk by using a wash or dry brushing colors #2 or #3.

Our foliage is green foam rubber held together with a fiberous material. (The grey fiberous material, in kit, is for foliage when building a pewter scene only.)

Note: When handling foliage some "leaves" will fall off. Work on a clean table so you can save "leaves" to add to ground on Mini-Scene. Cut or tear the foliage material into the same number of pieces as there are trees in the Mini-Scene Kit, (i.e. if kit contains three trees you will need three pieces of foliage.)

Important: Using one piece of foliage S-T-R-E-T-C-H foliage to about twice its original volume. Make it more see-through

and three dimensional in quality. S-T-R-E-T-C-H until it pulls completely apart! It can not be damaged.

Arrange the foliage on the tree, retaining the lacy see-through quality of the foliage. Rearrange until satisfied with appearance. There will probably be more foliage for the tree than you need. If you don't use it all on tree, use it for vines, weeds or bushes.

Spray tree with flat clear spray (hair spray, lacquer, acrylic or varnish) to "set" foliage. This is not mandatory.

Trim undesired strands of foliage and "hair" with scissors (if you don't like tree remove foliage and reapply).

Apply a few spots of white glue where foliage touches branches to more permanently secure.

Repeat the above process until all trees in kit are complete.

Planting of trees: The Mini-Scene mound has holes for planting trees. If the hole is too small for tree, ream it out carefully by rotating the point of a pointed knife (such as an x-acto), until tree fits. If the hole is too large for trunk, carefully squeeze end of trunk with pliers (this will tend to flatten out trunk) until it fits hole. Glue tree in hole with white glue or "Super Glue".

F. FINISHING TOUCHES
The following comments are hints and suggestions to help create realism.

The "leaves" that fell off foliage material can be added to turf to create more ground texture. Secure with white glue.

Extra foliage material can be stretched into small pieces and used as vines or weeds on turf. It can be d"clumped" back together and used as bushes.

If scene needs more color consider repainting a few small items very bright colors. (Such as a man's shirt, a bucket, a barrel or any other appropriate item.)

Turf can be accented by adding thin paint in certain areas, for example if the kit has green turf you can indicate an area where turf is worn away by using brown paint in a small spot. If turf is brown a few spots of green paint will look like the beginning of plant life. If the scene included anything which should have water in it (such as a bucket) any liquid that dries clear can be used (such as clear polymer gloss varnish or "Super Glue").

G. MOUNT MINI-SCENE
Woodland Scenics Glass Display Domes and Bases, make an excellent display for a Mini-Scene and provide good protection.

To mount Mini-Scene to base we recommend epoxy cement, "Super Glue" or double sided tape. Mini-Scene can, of course, be mounted to almost anything with these adhesives.

You may wish to mount scene to a piece of driftwood, a rock, a shadow box, inside a large egg, as part of some other hobby project or decorative item, or on an HO Model Railroad layout. When Mini-Scenes are glued down it may be desirable to conceal the edge of the mound. A good way to conceal the edge is to add a fillet of glue or plaster around the edge, feather it out and cover it with turf in the same way the turf was added to the mound. This will feather mound into whatever it is mounted on. Foliage material and "leaves" can also be used to conceal edges.

H. PEWTER PATINA FINISH
Castings in Mini-Scene are pewter. Our Pewter Patina Finish will highlight detail in castings and make castings appear aged and natural. Pewter art objects are often finished in this way.

If you desire to build your Mini-Scene with a pewter finish you will need Woodland Scenics Pewter Patina Finish M126. The green foliage and turf in kit will not be used.

1. Clean up and fit castings (see instruction A).

2. Shake Pewter Patina Finish well. Brush on castings, wipe off before dry, leaving finish in recessed areas. Allow to dry.

3. Read instruction D on assembly of castings and assembly castings in numerical order as indicated on back of box label.

4. Tree trunks are soft metal castings. They may have some flash, if so scrape it off. Wash trunks gently in soapy water rinse and dry. Bend trunks to a realistic three dimensional shape (the branches should all be pointing up), apply Pewter Patina Finish. The light grey foliage material in the scene kit is for use with pewter scenes. Cut or tear it into the same number of pieces as there are trees in the Mini-Scene Kit (i.e. if kit contains 3 trees you will need 3 pieces of foliage). Foliage can be made darker with Pewter Patina Finish if desired.

Important: Using one piece of foliage S-T-R-E-T-C-H foliage to about twice its original volume. Make it more see-through, three dimensional and irregular in quality. S-T-R-E-T-C-H until it pulls completely apart! It can not be damaged. Arrange foliage on tree, retaining the lacy see-through quality of the foliage. Rearrange until satisfied with appearance. Spray tree with flat clear spray (hair spray, lacquer, acrylic, varnish or spray fix) to "set" foliage material. Trim undesired strands of foliage with scissors. Apply a few spots of white glue where foliage touches branches to permanently secure. Repeat above process until all trees in kit are complete.

The Mini-Scene mound has holes for planting trees. If the hole is too small for tree, ream it out carefully by rotating the point of a pointed knife (such as an x-acto) until tree fits. If the hole is too large for trunk, carefully squeeze end of trunk with pliers (this will tend to flatten out trunk) until it fits hole. Glue trees in hole with white glue or "Super Glue".

It is a good idea to lightly spray entire Mini-Scene with clear spray when it is done.

MOONSHINE STILL
M102

Wire Assembly Fig. I

Wire

Wire

FIT PEG THROUGH HOLE

Tree Locations

Tree Locations

Mound

MOONSHINE STILL INSTRUCTIONS
More detailed instructions in kit

1. Clean up and fit castings (Instruction A).
2. Paint and turf mound (Instruction B).
3. Paint castings (Instruction C).
4. Glue castings to base in numerical order (Instruction D).
5. Bend, fit, paint and install wire (Fig. I above).
6. Assemble and mount trees (Instruction E).
7. Finishing touches (Instruction F).
8. Mount Mini-Scene (Instruction G).