

Thank You for Buying The Atlas Laser Design: O Maywood Station!

Before you begin here is a list of items you will need to build your new kit. Please be sure to read all the instructions before starting to assembly your O Maywood Station Kit.

Must Have

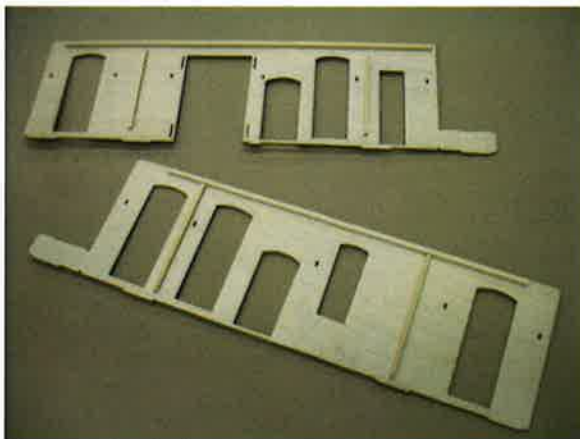
Glue - preferably wood glue
Paint or Stain
Modeling Knife

Recommended

Tweezers
Large Rubber Bands

Please note that some pieces have an orange adhesive tape on their reverse. These pieces are peel and stick.

Before assembling your new model, it is recommended that you paint or stain all the wood pieces, except the roof. Once your roof is assembled you can then paint it. Before painting your new model, we recommend using the 1/8" sticks included in your kit as vertical and horizontal braces. This is not necessary depending on what type of paint you choose to use. It is especially recommended to use the bracing if you apply stain or acrylic paints with a brush.



Recommended Bracing Configurations

1. Applying Windows, Doors and Trim

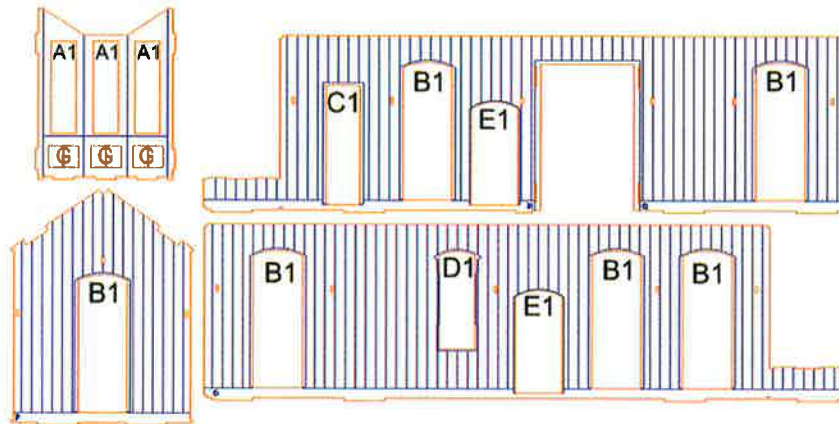
Once all bracing is in place and painting is complete it is time to apply trim and insert window frames into their respective openings. Do this by peeling off the adhesive backing and pressing them against the side of the structure.

a. Applying Trim

Apply the trim to the corresponding part of the Maywood walls. For instance, peel and stick trim labeled (Q) to the area labeled (Q).

b. Applying Windows and Doors

Below is a diagram indicating which hole receives which window/door frame.



Window and Door Placement

When all window frames are set, place their respective mullions (window crosses) on the reverse side. For instance window cross labeled (B2) should be inserted into window frame (B1). Painted side should face outward with the adhesive side facing the inside of the structure. Remove the peel and stick backing that is facing inward in preparation for inserting the window glazing.

Repeat the above steps in order to install the door. Parts labeled with a (3) are applied to the back of door to fill out the panels in the door. For instance (E3) is placed on in the center of (E2).



Assembling Door Panels (E3) into Door (E2)

Assemble the small handles by gluing them to the two ends into the holes located in the small rectangular base. Glue the handles to the small rectangles located on all three assembled doors.



Handle Assembly



Applied Door Handle

After all the window frames and mullions are assembled, break or cut apart the window glazing located in bag (1.). Peel away the protective blue layer from the glazing. If you are having difficulty removing the protective layer, use your modeling knife to peel back the corner then remove the layer. Insert each glazing into the appropriate sized window. The exposed adhesive backing will keep the glazing in place.

2. Assembling the Walls

With all windows and trim assembled on the walls, insert the wall sections into the rectangular base. All the wall sections should fit easily into the provided tabs in the base. Use a large rubber band in order to hold the frame together for easier gluing. Below is image of the assembled Maywood walls.



Assembled Wall Frame on Rectangular Base

Glue all the corners together. Once the corners are dried, glue the walls to the base by putting a small bead of glue along the tabs on the interior of the structure

Fold building corners (H) (T) and (J) down the scored lines and apply them to the edges of the buildings. Both (H) and (T) pieces are applied to the lower and upper section of the platform side of the station. The (J) pieces are applied to the side of the station with the large windows.



Station Corner Supports - Folded



Corner support- Applied

3. Assembling the Bay Windows

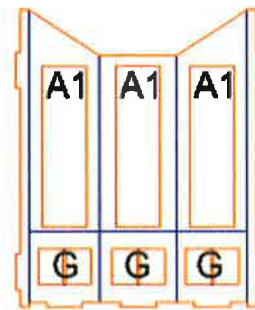
- Bend the bay window along its vertical scored lines and place it into the slots on the side of the Maywood station between trim (P) and (Q).
- Peel and stick corner supports (F) and (K) to the bay window where it is bent at the scored lines
- Break apart the six small rectangular pieces located in the bag labeled (3.).
- Apply these to the back of the bay window in frames (G).
- Glue the bay window ledge together as shown below.
- Apply the ledge to the scored line on the bay window.



Bay Window in Place



Applied Corner Supports (F) and (K)



Window and Panel Placement



Assembling Bay Window Ledge

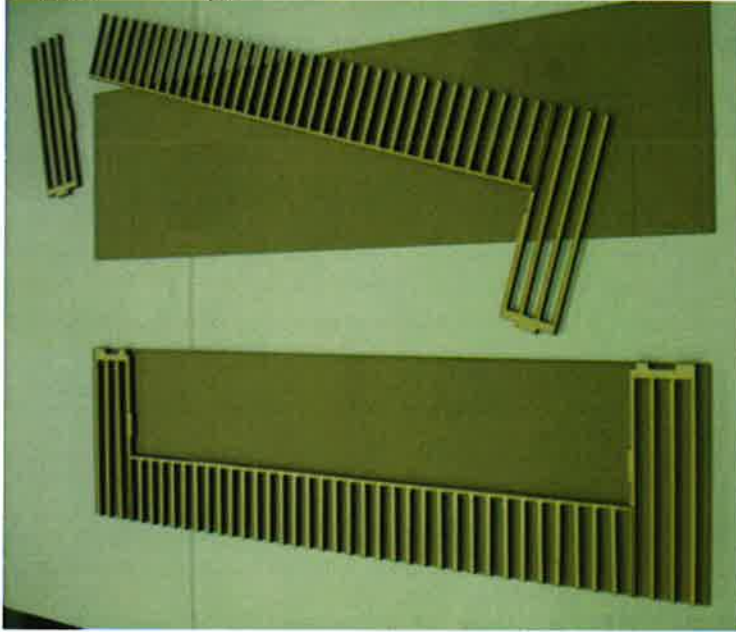


Completed Bay Window Assembly

4. Assembling the Roof

a. Rafters

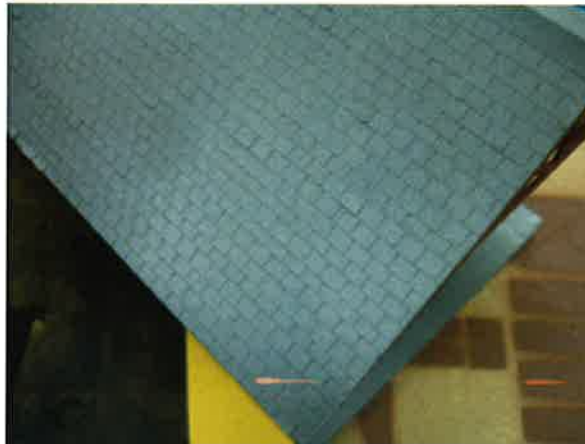
- Place two similarly notched rafter sections, located in bag labeled (2.) at either end of the long rafter section.
- Place a small amount of glue along the seam of the of the long and short sections
- Peel away the adhesive backing and place the rafter sections on the board along the scribed line.
- Repeat those steps for the second set of rafters.



Applying Rafters to the Roof

b. Shingles

When both roof and rafter sections have been finished, it is time to assemble the shingles. Place each strip down starting at the bottom center of the roof. Each row should be placed on top of the other as shown below.



Shingles Applied to Roof

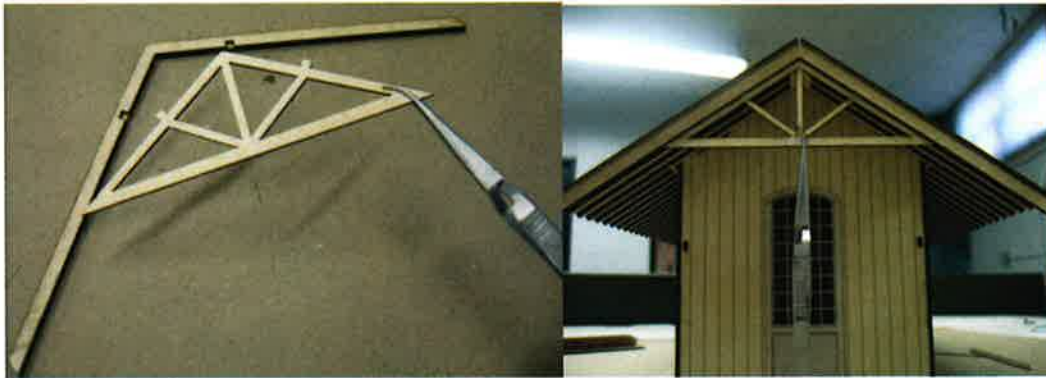
Once both roof halves are completed and shingled, place each section on top of the glued Maywood station frame completed in the steps above. The two tabs on the inside of the roof should fit easily into the notches at the top of the Maywood frame. Both roof halves should also interlock on either end. Place a small amount of glue in this interlocking area. Also, place a bead of glue down the center of the roof where they meet. **DO NOT** glue the roof to the Maywood Frame. Remove the roof from the structure once it has completely dried.

Peel and stick the two roof cap shingles over the peak of the roof.

Now is the time to paint the roof.

5. Assembling Roof Supports

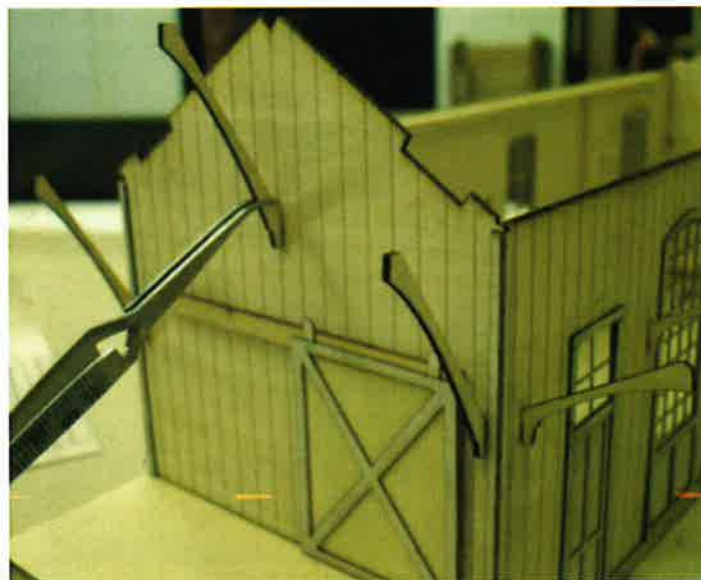
Glue together two of the triangular eaves. Place the eve support into the notches and wait until it has dried. Glue the eve support to the underside of the roof.



Assembling Eve Support and Triangular Eve

Attaching Eve Support to Roof's Underside

Cut apart the roof supports labeled (A) and (B). Supports (A) are inserted into the small slots on the short sides of the station. Supports (B) are inserted into the slots on the long side of the station. Place a small dab of glue at the base of the support and place it into the hole. Repeat this all the way around the station until all the slots are filled.

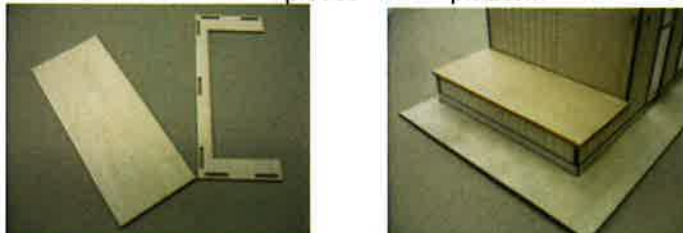


Inserting Supports (A) & (B)

6. Assembling the Station Platform

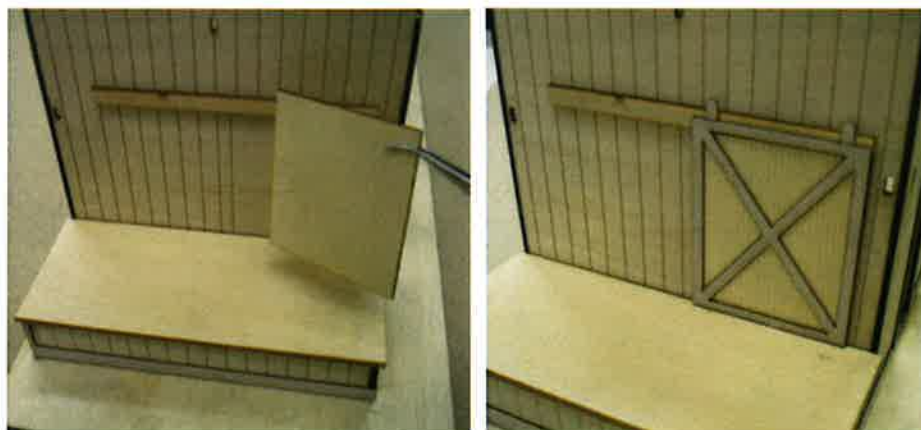
All parts required in this assembly can be found in bag labeled (3.)

- Glue the long rectangle with the scribed side up, to the (C) Shaped piece with slots along the border.
- Place the slotted section onto the notched pieces on the platform base.



Assembling Station Platform

- Glue the two strips to the rectangular etched area on the Maywood Station wall above the platform.
- Glue the smaller rectangle into the outlined area below the two strips you just placed. This will be the stations freight door.
- Peel and stick door from (L) over the rectangular door just glued into place.



Assembling Freight Door



Congratulations, you have completed your Maywood Station Kit!

