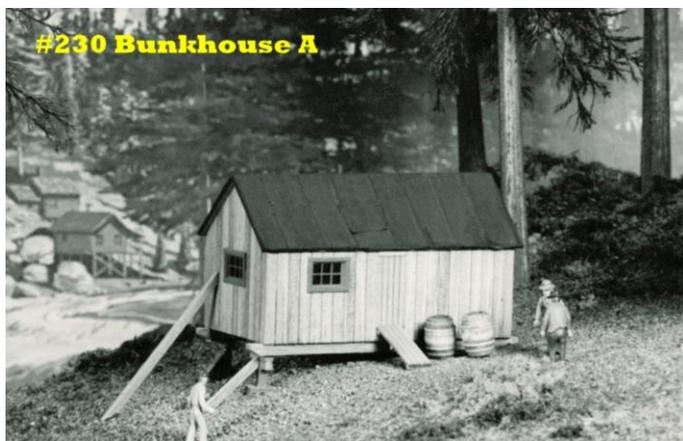


Campbell Scale Models



This Bunkhouse kit was designed for the beginning modeler of craftsman type kits. This kit will acquaint you with the basic principles of building our craftsman kits. The experienced modelers should be able to build this in short order and have a logging camp or bunkhouses for your train crews in no time. These kits can also be used along the right-of-way, engine terminals, and mines or just as a shack.

Before you begin your building examine the parts and familiarize yourself with their locations on the model. Read thru the Instructions and try to visualize each step before starting construction. The Orthographic Drawings are full size to enable the modeler to use them as Templates when necessary. In using the drawings as Templates first check them against the wood parts. Sometimes changes in humidity or temperature will cause the paper and wood to shrink or swell making the drawings slightly out of scale.

We recommend using X-acto type hobby knife with #11 blades for all cutting and trimming. When all openings are cleared test-fit the plastic parts in their respective openings. Trim the wood again if needed for proper fit, but don't glue the plastic parts in place yet.

If you wish to have a structure with a more weathered appearance carefully rub a fine wire brush over all of the exterior Walls, Doors and Corner Posts surfaces. This will give the parts a "wood grain" texture. If a part should brake simply glue it back together.

Before beginning construction, it is best to stain or paint all of the wood components for this kit. If you wish a gray bleached-out wood look, stain the parts using an alcohol and black-dye mixture and allow to dry for 48 hours (for more info on dying wood parts click on our "Ideas/Videos" link found at the top of every CSM webpage). If painted, allow all of the painted parts to dry for 24 hours after the final coat.

STEP 1: THE WALLS

A1	1 pc.	3/64" x 1-7/32" x 1-11/16"	Gabled End Wall Section
A2	1 pc.	3/64" x 1-7/32" x 1-11/16"	Gabled End Wall Section
A3	2 pcs.	3/64" x 1-7/32" x 1-1/32"	Side Wall Section
A4	2 pcs.	3/64" x 1-7/32" x 1-1/32"	Side Watt Section
A5	2 pcs.	1/32" x 11/32" x 13/16"	Doors
A7	2 pcs.	3/64" x 3/32" x 11/32"	Top Door Spacer
A8	2 pcs.	3/64" x 1/8" x 11/32"	Bottom Door Spacer

Wall sections A3 and A4 are the same sizes. This will allow you to arrange the Windows in any manner you like. You don't have to build it exactly as we did. Walls A1 and A2 can also be reversed.

Tack or tape the Template Drawings to a flat surface. Attach a piece of waxed paper over the front and back views. Spot-glue an A3 or A4 Watt Section to the waxed paper over its drawing counterpart in the front view. Glue the A7 and A8 Door Spacers and A5 Door to the Wall Section, push the Door flat against the waxed paper to set it back from the Front watt (or the Door may be omitted at this time if you wish to have it open or ajar). Glue the other Wall section in place to these parts and allow to dry thoroughly. Repeat this process to form the Back Wall.

STEP 2: THE CORNER POSTS

A6	4 pcs.	11/64" x 11/64" x 1-3/8"	Corner Posts
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Glue a Corner Post to both side edges of walls A1 and A2 flush at the bottom and allowing the excess to protrude at the top. Allow this to dry. When dry use a razor saw or sharp knife to trim the tops to match the Wall angle.

STEP 3: THE FLOOR & WALL SUPPORTS

A9	2 pcs.	3/32" x 3/32" x 2-11/16"	Wall Supports
A10	2 pcs.	1/32" x 5/64" x 2-11/16"	Floor Supports
A11	2 pcs.	1/32" x 5/64" x 1-1/8"	Floor supports

Glue the A11 Floor Supports flush with the bottom edges of Walls A1 and A2 between the Corner Posts as shown in the Isometric View. Measure in 3/64" from both side edges of the Front and Back Walls and draw a vertical line the height of the Walls at these points. Glue the A9 Wall Supports and A10 Floor Supports in place between the vertical lines as shown in the Drawings. Allow these to dry thoroughly.

STEP 4: THE PLASTIC WINDOWS

A14	3 pcs.	Plastic #23091	Windows Frames & Windows
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Paint the Window Frames and Windows with a paint that will not "attack" the plastic.

The Bunkhouse Windows can be assembled either opened or closed. If closed simply use plastic cement to glue the Windows into the Frames. Then glue the Window assemblies into their proper openings, cut the acetate as shown in Figure 1 and glue the acetate in place behind the Window openings.

If they are to be open, apply glue along the bottom edge of the Window and Frame and tilt the Window back as far as desired. Then cut the acetate into pieces of the size shown in Figure 1A and glue in place directly to the back surface of the Windows. A piece of Magic Mending tape over the acetate will make the Windows translucent and look dirty. Glue the open Windows in place.

STEP 5: ASSEMBLING THE WALLS

A12	3 pcs.	1/32" x 5/64" x 1-5/16"	Floor Joists
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Using a sharp #11 X-Acto blade cut the Floor from the Roof and Floor Card. Test-fit the Floor and Wall units together without gluing. Trim the Floor for a perfect fit. When satisfied with the fit glue the four Walls and Floor together. Make certain the floor card is glued in place with the dashed lines facing down. Make certain this assembly dries square.

Glue the A12 Floor Joists in place to the underside of the Floor Card centered over the dashed lines as shown.

STEP 6: THE ROOF

A13	1 pc.	3/32" x 3/32" x 2-15/16"	Roof beam
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Glue the Roof Beam in place to Walls A1 and A2 at the peaks as shown. Cut the Roof Card out however do not cut it down the center. Along the center, marked "peak" fold. Glue the Roof Card in place leaving equal overhang on both sides. Allow this to dry thoroughly.

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Cut the Tissue Paper into scale 3 foot wide strips (approx. 7/16"). Begin on one side and glue a strip onto the Card aligning it with the first line, run it over the peak and down the other side. Glue a second strip to the Cards aligning it with the second line and so on across the Roof. The paper will look more realistic if not laid too smoothly but allowed to wrinkle a little bit. When the paper is dry, trim it flush with the edges of the Roof Cards.

STEP 7: THE SMOKE STACK

A15	1 pc.	Plastic #23092	Roof Plate
A16	1 PC.	Plastic #23093	Smoke Jack

Cut the Smoke Jack and Plate from the sprue. Trim the bottom of the A16 Smoke Jack to match the Roof angle and glue it in place to the A15 Plate. Paint this assembly a Rusty Black color and glue it in place to the Roof as shown.

STEP 8: THE SKID BEAMS

A17	2 pcs.	1/8" x 1/8" x 3-5/16"	Skid Beams
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The Beams were used to skid the Bunkhouses on to Flat Cars or to a new location when necessary. If you plan to use them in a location where they would not normally be moved they should not be used. If you should use the Bunkhouses for a Logging Camp bevel the two Skid Beams A17 as shown in the drawings using a knife or a piece of sandpaper.

Glue the two Beams in place flush with the inside edges of the side walls as shown or set back slightly from the edges. Allow these to dry thoroughly. Your Bunkhouse is now completed. When installing your Bunkhouses on your layout it is not necessary to find a flat spot to put them, it will look more realistic if you use a few pieces of scrap wood (not included in kit) and add a few supports such as shown in the Left View Drawing.

Hopefully, this kit has given you some useful experience in working with craftsman type structure kits. If you feel confident enough, try another more complex Campbell Scale Model kit, if not try a couple more Bunkhouses. Before long you'll be an expert.

Be sure to see the complete line of CSM bridge and structure kits on our website (<http://campbellscalemodels.com>) or at your local hobby shop.