

## Car—Operation Sheet

Material: Poplar, close grain pine, or equivalent

Equipment Required: Band saw, drill press, sandpaper

Finish: None, bare wood

Other Material: Commercial 1" wheels and 7/32" axles with hub, 4 per car

### Operations:

1. Cut wood to size, 5" x 2" x 1 1/2".
2. Using template, trace outline of car on the work. Mark axle holes and side window center.
3. Drill axle holes through. Drill size 7/32".
4. Drill Window hole through. Drill size 3/4".
5. Cut out profile of car.
6. Sand all sharp edges or round over with 3/16" router bit.
7. Assemble axle and wheels. Glue axle to car body, insuring that all wheels turn freely.
8. Stand back and admire your craftsmanship.

Note: If using a router table to route the edges, you should make a fixture to hold the work piece. I use a 3/4" dowel rod on a handle which is fitted very tight into the window hole.

